

# Enclosures

- Universal Enclosures
- Hand Held Cases
- Heavy Duty Enclosures
- DIN Rail Enclosures
- Interface Supports
- Electrical Enclosures
- Diecast & Metal Enclosures
- Desktop & Instrument Cases
- Potting Boxes
- 19" Enclosures
- 19" Cabinets
- Development Board Enclosures
- Custom Sized Enclosures
- FSP/Custom Services

**CAMDENBOSS**  
ELECTRONICS & ENCLOSURES

# CAMDENBOSS

ELECTRONICS & ENCLOSURES

CamdenBoss provides performance engineered electro-mechanical components and enclosure solutions to industries throughout the world; offering design, engineering and production within a totally customer-focused environment to fully support our global customers.

Delivering an extensive range of innovative and cost effective electro-mechanical components, electronic & electrical housings and 19" cabinet solutions, CamdenBoss capitalises on over 40 years of experience serving the Electronics and Electrical industries. CamdenBoss are proud to supply more than 25% of the UK PCB Terminal Block market and offer products ranging from 2.54mm-10.16mm pitch, 4A-57A rated in an extensive selection of styles providing a PCB or interconnection solution for most applications.

Completing the electro-mechanical components range are Fuses & Fuseholders; Batteries; LEDs; Indicators; Miniature, Limit & Safety Switches; DIN Rail Mounted Interface Modules; Control Products and Transformers.

Enclosures are available in a range of universal housings, handheld, diecast, potting, desktop, instrument and DIN Rail enclosures. A comprehensive customisation service offers custom colours, surface coating, RFI shielding, engraving, silk-screening, digital printing, labels & membrane keypads. Short lead times, customisation of connectors and components with machining & digital printing to specific requirements are also available.

Customers can have unique enclosures designed, prototyped and manufactured to their exact specifications with rapid lead-times using our tool-free flat sheet plastic technology, **FSPT**. This is an innovative solution for unique enclosure requirements that can be manufactured without the expensive tooling costs historically associated with bespoke designs. For medium and high volume requirements CamdenBoss offer the complete product design and manufacturing solution, including 3D modeling, tooling, high volume UK & Asia production moulding, manufacturing, assembly and packaging.

We hope you enjoy selecting products from this Enclosures catalogue. Please see our Components catalogue for our extensive range of Terminal Blocks, Interconnection, Fuses, Lead Acid Batteries, Miniature Switches, LED's, Transformers and Indicators. Also see our CamBlock and CamBlock Plus catalogue for a wide range of terminal blocks.



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# CONTENTS

## UNIVERSAL ENCLOSURES

6



## HEAVY DUTY ENCLOSURES

40



## INTERFACE SUPPORTS

60



## DIECAST & METAL ENCLOSURES

72



## MULTI-PURPOSE POTTING BOXES

89



## 19" CABINETS

96



## CUSTOM SIZED ENCLOSURES

120



**22**

**HAND HELD CASES**



**47**

**DIN RAIL ENCLOSURES**



**66**

**ELECTRICAL ENCLOSURES**



**83**

**DESKTOP & INSTRUMENT CASES**



**93**

**19" ENCLOSURES**



**107**

**DEVELOPMENT BOARD ENCLOSURES**



**136**

**FSPT /CUSTOM SERVICES**





# UNIVERSAL ENCLOSURES

**HAND HELD CASES**

**7000 SERIES RECESSED DESIGNER CASES**

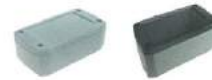
- Recessed Designer Cases p7
- Wall Mounting Kits p7
- 7000 Series IP65 Gasket Kits p7



**HEAVY DUTY ENCLOSURES**

**1100 SERIES STYLISH ABS CASES**

- 1101 ABS Lid p8
- 1102 Transparent Lid p8



**DIN RAIL ENCLOSURES**

**2000 SERIES GENERAL PURPOSE ABS CASES**

- 2000 Standard Lid p9
- 2000 Clear Lid p10
- 2000 Lugged Lid p10
- 2000 Flanged IP65 p11
- 2000 Series IP65 Gasket Kits p11
- 2000 Deep Profile p12
- 2000 Deep Profile Clear Lid p12
- 2000 EMC p13



**INTERFACE SUPPORTS**

**4000 SERIES PANEL LID CASES**

**3400 SERIES END PANEL DESIGN CASES**

- p14
- p15



**ELECTRICAL ENCLOSURES**

**82 SERIES MULTI-PURPOSE CASES**

- Multi-Purpose Cases p16
- Rubber Boots p16



**19" ENCLOSURES**

**83 SERIES PLASTIC FLANGED CASES**

- p17



**19" CABINETS**

**84 SERIES ROUND EDGE CASES**

- p18



**DEVELOPMENT BOARD ENCLOSURES**

**ROOM SENSOR ENCLOSURES**

- Solid Room Sensor p19
- Vented Room Sensor p19



**CUSTOM SIZED ENCLOSURES**

**ELECTRICAL ENCLOSURES**

- p20



See Page 140 for IP rating table

# UNIVERSAL ENCLOSURES

## 7000 Series Recessed Designer Cases

Functional yet modern design in nine different sizes with anti-scratch finish. Used by leading OEMs across numerous industries.

- Lid and base moulded in ABS
- Lid mounted by four M3 machine screws
- Plastic screw covers for aesthetic appearance
- Fine texture anti-scratch finish
- Recesses in lid and base designed to accept membrane keypads or overlays
- Integral mounting guides in lid and base for vertical PCB mounting
- PCB pillars in lid and base
- Surface mountable via moulded fixing points or wall-mounting kit (optional)
- Option of gasket included (For IP65)
- Option of RFI and gasket (For IP65 and RFI shielding)



SPECIFICATION	
Materials	Lid, base & screw covers ABS, UL94-V0
Operating temperature	Resistant to temperatures of up to 85°C
Protection class	IP54 as standard IP65 with gasket option
Standard colours	Grey
Standard unit includes	Base & lid 4x M3 Machine screws (Torque 0.5 Nm) 4x Screw covers
Options	Wall mounting kit IP65 gasket kits RFI Screening

GREY	LENGTH	WIDTH	HEIGHT	DESCRIPTION
CRDCG0001	90mm	55mm	25mm	Designer Case
CRDCGG001	90mm	55mm	25mm	With Gasket
CRDCERG01	90mm	55mm	25mm	With RFI & Gasket
CRDCG0002	90mm	55mm	40mm	Designer Case
CRDCGG002	90mm	55mm	40mm	With Gasket
CRDCERG02	90mm	55mm	40mm	With RFI & Gasket
CRDCG0003	110mm	85mm	35mm	Designer Case
CRDCGG003	110mm	85mm	35mm	With Gasket
CRDCERG03	110mm	85mm	35mm	With RFI & Gasket
CRDCG0004	127mm	75mm	30mm	Designer Case
CRDCGG004	127mm	75mm	30mm	With Gasket
CRDCERG04	127mm	75mm	30mm	With RFI & Gasket
CRDCG0005	127mm	75mm	45mm	Designer Case
CRDCGG005	127mm	75mm	45mm	With Gasket
CRDCERG05	127mm	75mm	45mm	With RFI & Gasket
CRDCG0006	145mm	90mm	45mm	Designer Case
CRDCGG006	145mm	90mm	45mm	With Gasket
CRDCERG06	145mm	90mm	45mm	With RFI & Gasket
CRDCG0007	190mm	120mm	60mm	Designer Case
CRDCGG007	190mm	120mm	60mm	With Gasket
CRDCERG07	190mm	120mm	60mm	With RFI & Gasket
CRDCG0008	220mm	145mm	50mm	Designer Case
CRDCGG008	220mm	145mm	50mm	With Gasket
CRDCERG08	220mm	145mm	50mm	With RFI & Gasket
CRDCG0009	220mm	145mm	80mm	Designer Case
CRDCGG009	220mm	145mm	80mm	With Gasket
CRDCERG09	220mm	145mm	80mm	With RFI & Gasket

\* This series is available in Black on request

### Wall mounting kit

- Universal design fits all sizes, available in grey
- Fits lid and base, surface 1.5mm from lid or 9.5mm base



GREY	DESCRIPTION
CRDCWMKIT	4x mounting feet

### 7000 Series IP65 Gasket Kits

- EPDM gasket, dust and water protection from IP54 to IP65

TYPE NO.	DESCRIPTION
CRDCGASK1	Gasket for Designer Case Size 1 and 2
CRDCGASK2	Gasket for Designer Case Size 3
CRDCGASK3	Gasket for Designer Case Size 4 and 5
CRDCGASK4	Gasket for Designer Case Size 6
CRDCGASK5	Gasket for Designer Case Size 7
CRDCGASK6	Gasket for Designer Case Size 8 and 9





# UNIVERSAL ENCLOSURES

## UNIVERSAL ENCLOSURES

### 1100 Series Stylish ABS Cases

#### 1101 ABS Lid

Aesthetic electronic enclosures with solid ABS lids, designed for a broad range of applications.

- Lid and base moulded in ABS- UL94-V0
- Lid mounted by four M3 machine screws
- Bevelled edges and curved side walls
- 1.2mm membrane keypad recesses in lid and base
- Polished finish for ease of cleaning and stylish appearance
- Deep profile for maximum internal volume
- Plastic standoffs in base for mounting of PCBs
- Excellent properties for machining



#### SPECIFICATION

Materials Lid & base high impact ABS-UL94-V0

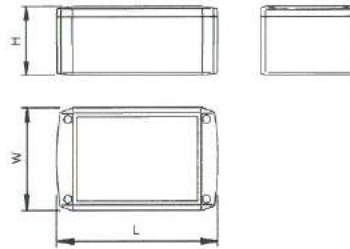
Operating temperature Resistant to temperatures up to 85°C

Protection class IP54

Standard colours Light grey similar to RAL 7035

Standard unit includes: Base & Lid  
4 x M3 machine screws

LIGHT GREY	LENGTH	WIDTH	HEIGHT
CSACST001	90mm	50mm	35mm
CSACST002	110mm	60mm	40mm
CSACST003	125mm	75mm	50mm
CSACST004	155mm	95mm	60mm
CSACST005	190mm	115mm	75mm
CSACST006	220mm	140mm	90mm



#### 1102 Transparent Lid

Electronic enclosures featuring a transparent lid, designed for applications that require visible electronics. High impact polycarbonate smoked effect lid.

- Box moulded in ABS, UL94-V0
- Lid moulded in transparent, Polycarbonate, UL94-V0
- Lid mounted by four M3 machines screws
- Bevelled edges and curved side walls
- 1.2mm membrane keypad recesses in lid and base
- Polished finish for ease of cleaning and stylish appearance
- Deep profile for maximum internal volume
- Pillars in base for mounting of PCBs
- Excellent properties for machining



#### SPECIFICATION

Materials Lid high impact PC, UL94-V0  
Base high impact ABS, UL94-V0

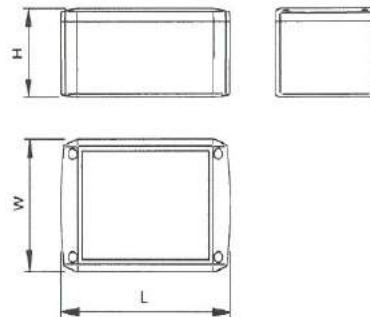
Operating temperature Base resistant to temperatures up to 85°C  
Lid resistant to temperatures up to 120°C

Protection class IP54

Standard colours Light grey similar to RAL 7035

Standard unit includes: Base & lid  
4 x M3 machine screws

LIGHT GREY	LENGTH	WIDTH	HEIGHT
CSACTT001	90mm	50mm	35mm
CSACTT002	110mm	60mm	40mm
CSACTT003	125mm	75mm	50mm
CSACTT004	155mm	95mm	60mm
CSACTT005	190mm	115mm	75mm
CSACTT006	220mm	140mm	90mm



# UNIVERSAL ENCLOSURES

## 2000 Series General Purpose ABS Cases

The most comprehensive, competitive range of general purpose electronic enclosures for universal applications.

- Polished external surfaces
- Integral card guides accept 1.6mm PCBs
- Low draught angle for mounting control elements on side walls
- Excellent characteristics for milling, drilling and cutting
- Lid mounted by four M3 machine screws into brass inserts in base
- PCB Adaptors (included) for horizontal mounting of PCBs



### 2000 Standard Lid

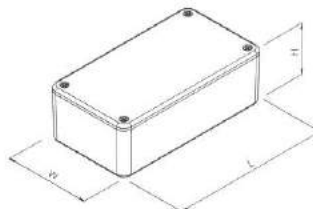
Extensive range of electronic enclosures with solid ABS lid, designed for a broad range of applications.

- Lid and base moulded in ABS
- Lid mounted by four M3 machine screws
- Brass inserts in base for repetitive removal of the lid
- Polished finish for ease of cleaning
- Excellent properties for machining
- Integral mounting guides to accept 1.6mm PCB's
- PCB Adaptors (included) for horizontal PCB mounting

SPECIFICATION	
Materials	Lid & base high impact ABS
Operating Temperature	Resistant to temperatures of up to 85°C
Protection class	IP54
Standard colours	Grey(GY), Black(BK), Ivory(WH), Orange (ORG)
Standard unit includes	Base & lid 4x M3 machine screws PCB adaptors
Options (MOQ's apply)	UL94-V0 Flame retardant Different colours

GREY	BLACK	IVORY	ORANGE	LENGTH	WIDTH	HEIGHT
*BIM2008/18-GY/GY	*BIM2008/18-BLK/BLK	*BIM2008/18-WH/WH	*BIM2008/18-ORG/ORG	55mm	55mm	42mm
*BIM2000/10-GY/GY	*BIM2000/10-BLK/BLK	*BIM2000/10-WH/WH	*BIM2000/10-ORG/ORG	75mm	50mm	27mm
BIM2001/11-GY/GY	BIM2001/11-BLK/BLK	BIM2001/11-WH/WH	BIM2001/11-ORG/ORG	85mm	56mm	39mm
BIM2002/12-GY/GY	BIM2002/12-BLK/BLK	BIM2002/12-WH/WH	BIM2002/12-ORG/ORG	100mm	50mm	25mm
BIM2003/13-GY/GY	BIM2003/13-BLK/BLK	BIM2003/13-WH/WH	BIM2003/13-ORG/ORG	112mm	62mm	31mm
BIM2007/17-GY	BIM2007/17-BLK	-	-	112mm	62mm	31mm
BIM2004/14-GY/GY	BIM2004/14-BLK/BLK	BIM2004/14-WH/WH	BIM2004/14-ORG/ORG	120mm	65mm	40mm
RTM2030/30-GY	RTM2030/30-BLK	-	-	142mm	80mm	30mm
BIM2005/15-GY/GY	BIM2005/15-BLK/BLK	BIM2005/15-WH	BIM2005/15-ORG/ORG	150mm	80mm	50mm
BIM2006/16-GY/GY	BIM2006/16-BLK/BLK	BIM2006/16-WH/WH	BIM2006/16-ORG/ORG	190mm	110mm	60mm
BIM2009/19-GY/GY	-	-	-	250mm	200mm	64mm

\* BIM2008/18 and BIM2000/10 are supplied with self tapping screws.



UNIVERSAL ENCLOSURES

HAND HELD CASES

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# UNIVERSAL ENCLOSURES

## 2000 Clear Lid

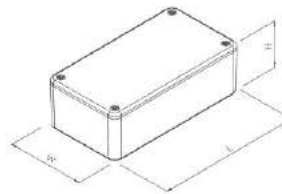
Extensive range of electronic enclosures for applications that require visible electronics such as LED's or meters.

- Lid moulded in transparent high impact ABS
- Lid mounted by four M3 machine screws
- Polished finish for ease of cleaning
- Integral mounting guides to accept 1.6mm PCB's
- PCB Adaptors (included) for horizontal PCB mounting

### SPECIFICATION

Materials	Base high impact ABS Lid transparent high impact ABS
Operating temperature	Resistant to temperatures of up to 85°C
Protection class	IP54
Standard colours	Grey(GY), Black(BLK), Ivory(WH)
Standard unit includes	Base & clear lid 4x M3 machine screws PCB adaptors

	GREY	BLACK	IVORY	LENGTH	WIDTH	HEIGHT
BIM2008/18-GY/CL	BIM2008/18-BLK/CL	BIM2008/18-WH/CL		55mm	55mm	42mm
BIM2000/10-GY/CL	BIM2000/10-BLK/CL	BIM2000/10-WH/CL		75mm	50mm	27mm
BIM2001/11-GY/CL	BIM2001/11-BLK/CL	BIM2001/11-WH/CL		85mm	56mm	39mm
BIM2002/12-GY/CL	BIM2002/12-BLK/CL	BIM2002/12-WH/CL		100mm	50mm	25mm
BIM2003/13-GY/CL	BIM2003/13-BLK/CL	BIM2003/13-WH/CL		112mm	62mm	31mm
BIM2007/17-GY/CL	BIM2007/17-BLK/CL	-		112mm	62mm	31mm
BIM2004/14-GY/CL	BIM2004/14-BLK/CL	BIM2004/14-WH/CL		120mm	65mm	40mm
BIM2005/15-GY/CL	BIM2005/15-BLK/CL	BIM2005/15-WH/CL		150mm	80mm	50mm
BIM2006/16-GY/CL	BIM2006/16-BLK/CL	BIM2006/16-WH/CL		190mm	110mm	60mm



## 2000 Lugged Lid

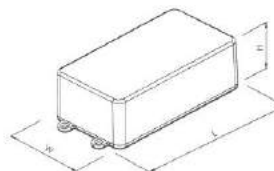
Electronics enclosures with lugged lid, for broad range of surface mounting applications. Provides extra security once mounted by restricting access to the screws in the lid.

- Lugged lid and base moulded in ABS
- Lid mounted by four M3 machine screws
- Polished finish for ease of cleaning
- Excellent properties for machining
- Integral mounting guides to accept 1.6mm PCB's
- PCB Adaptors (included) for horizontal PCB mounting

### SPECIFICATION

Materials	Lid & base high impact ABS
Operating temperature	Resistant to temperatures of up to 85°C
Protection class	IP54
Standard colours	Grey(GY), Black(BLK), Ivory(WH)
Standard unit includes	Base & lugged lid 4x M3 machine screws PCB adaptors

	GREY	BLACK	IVORY	LENGTH	WIDTH	HEIGHT
BIM2003/LUG-GY/GY	BIM2003/LUG-BLK/BLK	BIM2003/LUG-WH/WH		132mm	62mm	31mm
BIM2004/LUG-GY/GY	BIM2004/LUG-BLK/BLK	BIM2004/LUG-WH/WH		140mm	65mm	40mm
BIM2005/LUG-GY/GY	BIM2005/LUG-BLK/BLK	BIM2005/LUG-WH/WH		172mm	80mm	50mm



# UNIVERSAL ENCLOSURES

## 2000 Flanged IP65

For applications requiring surface mounting and protection against dust and water ingress. Provides extra security once mounted by restricting access to the screws in the lid.

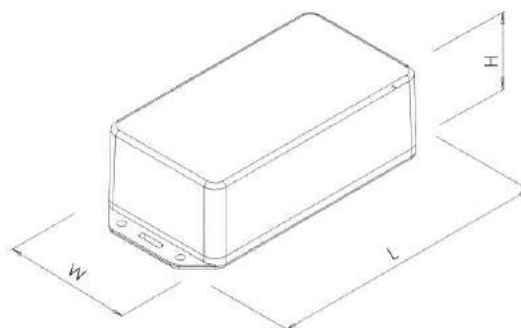
- Flanged IP65 lid and base moulded in ABS
- Lid mounted by four M3 machine screws
- Polished finish for ease of cleaning
- Excellent properties for machining
- Integral mounting guides to accept 1.6mm PCB's
- PCB Adaptors (included) for horizontal PCB mounting
- Plastic standoffs in lid for PCB mounting



### SPECIFICATION

Materials	Lid & base high impact ABS
Operating temperature	Resistant to temperatures of up to 85°C
Protection class	IP54 as standard IP65 with gasket option
Standard colours	Grey & Black
Standard unit includes	Base & flanged lid 4x M3 screws -Required torque setting 10 cNm (0.1Nm) PCB adaptors
Options	IP65 gasket kits

GREY	BLACK	LENGTH	WIDTH	HEIGHT
BIM2008/IP-GY	BIM2008/IP-BLK	75mm	57mm	43mm
BIM2000/IP-GY	BIM2000/IP-BLK	95mm	52mm	28mm
BIM2001/IP-GY	BIM2001/IP-BLK	105mm	58mm	40mm
BIM2002/IP-GY	BIM2002/IP-BLK	120mm	52mm	26mm
BIM2003/IP-GY	BIM2003/IP-BLK	132mm	64mm	32mm
BIM2004/IP-GY	BIM2004/IP-BLK	140mm	67mm	41mm
BIM2030/IP-GY	BIM2030/IP-BLK	162mm	82mm	31mm
BIM2005/IP-GY	BIM2005/IP-BLK	170mm	82mm	51mm
BIM2006/IP-GY	BIM2006/IP-BLK	210mm	112mm	61mm



## 2000 Series IP65 Gasket Kits

TYPE NO.	DESCRIPTION
SA00	2000/IP gasket
SA1	2001/IP gasket kit
SA2	2002/IP gasket kit
SA34	2003/IP & 2004/IP gasket kit
SA50	2005/IP & 2030/IP gasket kit
SA6	2006/IP gasket kit
SA8	2008/IP gasket



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HAND HELD CASES

HEAVY DUTY ENCLOSURES

DIN RAIL ENCLOSURES

INTERFACE SUPPORTS

ELECTRICAL ENCLOSURES

DIECAST & METAL ENCLOSURES

DESKTOP & INSTRUMENT CASES

MULTI-PURPOSE & POTTING BOXES

19" ENCLOSURES

19" CABINETS

DEVELOPMENT BOARD ENCLOSURES

CUSTOM SIZED ENCLOSURES

FSPT/CUSTOM SERVICES



# UNIVERSAL ENCLOSURES

## 2000 Deep Profile

Multi-purpose enclosures for application where tall electrical components require housing. The deep profile 2000 Series provides maximum utilisation of the internal volume.

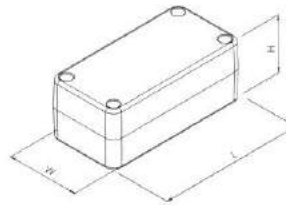
- Deep profile lid and base moulded in ABS
- Lid mounted by four M3 machine screws
- Brass inserts in base for repeated removal of the lid
- Polished finish for ease of cleaning
- Excellent properties for machining
- Integral mounting guides in base to accept 1.6mm PCB's
- PCB adaptors (included) for horizontal PCB mounting



### SPECIFICATION

Materials	Lid & base high impact ABS
Operating temperature	Resistant to temperatures of up to 85°C
Protection class	IP54 as standard
Standard colours	Grey(GY), Black(BLK)
Standard unit includes	Base & deep profile lid 4x M3 machine screws

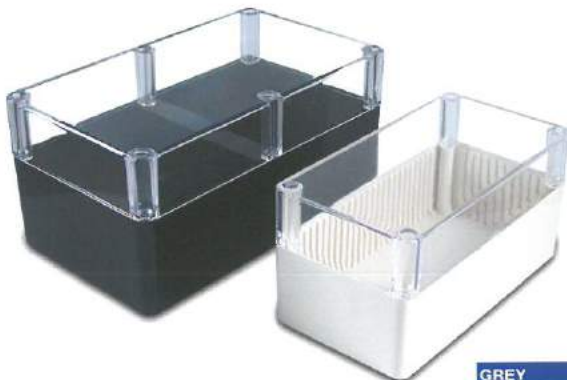
GREY	BLACK	LENGTH	WIDTH	HEIGHT
BIM2002/22-GY/GY	BIM2002/22-BLK/BLK	100mm	50mm	40mm
BIM2004/24-GY/GY	BIM2004/24-BLK/BLK	120mm	65mm	60mm
BIM2005/25-GY/GY	BIM2005/25-BLK/BLK	150mm	80mm	76mm
BIM2006/26-GY/GY	BIM2006/26-BLK/BLK	190mm	110mm	90mm



## 2000 Deep Profile Clear Lid

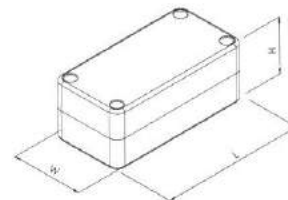
Extensive range of electronic enclosures for applications that require visible electronics and high profile components. Suitable for both electronic and electrical applications.

- Deep profile lid moulded in transparent high impact ABS
- Lid mounted by four M3 machine screws
- Brass inserts in base for repeated removal of the lid
- Polished finish for ease of cleaning
- Integral mounting guides in base to accept 1.6mm PCB's
- PCB Adaptors (included) for horizontal PCB mounting



### SPECIFICATION

Materials	Base high impact ABS Lid transparent high impact ABS
Operating temperature	Resistant to temperatures of up to 85°C
Protection class	IP54
Standard colours	Grey(GY), Black(BLK) & White(WH)
Standard unit includes	Base & clear deep profile lid 4x M3 machine screws PCB adaptors



GREY	BLACK	WHITE	LENGTH	WIDTH	HEIGHT
BIM2002/22-GY/CLR	BIM2002/22-BLK/CLR	BIM2002/22-WH/CLR	100mm	50mm	40mm
BIM2004/24-GY/CLR	BIM2004/24-BLK/CLR	BIM2004/24-WH/CLR	120mm	65mm	60mm
BIM2005/25-GY/CLR	BIM2005/25-BLK/CLR	BIM2005/25-WH/CLR	150mm	80mm	76mm
BIM2006/26-GY/CLR	BIM2006/26-BLK/CLR	BIM2006/26-WH/CLR	190mm	110mm	90mm

UNIVERSAL ENCLOSURES

HAND HELD CASES

HEAVY DUTY ENCLOSURES

DIN RAIL ENCLOSURES

INTERFACE SUPPORTS

ELECTRICAL ENCLOSURES

DIECAST & METAL ENCLOSURES

DESKTOP & INSTRUMENT CASES

MULTI-PURPOSE & POTTING BOXES

19" ENCLOSURES

19" CABINETS

DEVELOPMENT BOARD ENCLOSURES

CUSTOM SIZED ENCLOSURES

FSPT/CUSTOM SERVICES

# UNIVERSAL ENCLOSURES

## 2000 EMC

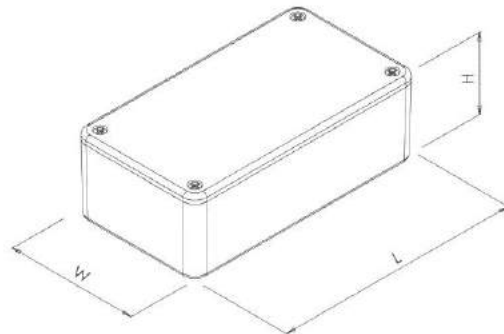
A range of high frequency EMC compliant enclosures for shielding electronic equipment.

- Lid and base moulded in ABS
- Graphite dark grey paint finish
- Electromagnetic compatibility EMC coating
- Lid mounted by four M3 machine screws
- Brass inserts in base for repeated removal of the lid
- Excellent properties for machining
- Integral mounting guides to accept 1.6mm PCB's
- PCB adaptors (included) for horizontal PCB mounting

### SPECIFICATION

Materials	Lid and base high impact ABS
Operating temperature	Resistant to temperatures of up to 85°C
Protection class	IP54
Standard colours	Graphite dark grey
Standard unit includes	Base & lid 4x M3 machine screws PCB adaptors

GREY	LENGTH	WIDTH	HEIGHT
BIM2008/18-EMI/RFI	55mm	55mm	42mm
BIM2000/10-EMI/RFI	75mm	50mm	27mm
BIM2001/11-EMI/RFI	85mm	56mm	39mm
BIM2002/12-EMI/RFI	100mm	50mm	25mm
BIM2003/13-EMI/RFI	112mm	62mm	31mm
BIM2007/17-EMI/RFI	112mm	62mm	31mm
BIM2004/14-EMI/RFI	120mm	65mm	40mm
BIM2030/30-EMI/RFI	142mm	80mm	30mm
BIM2005/15-EMI/RFI	150mm	80mm	50mm
BIM2006/16-EMI/RFI	190mm	110mm	60mm
BIM2009/19-EMI/RFI	250mm	200mm	64mm



UNIVERSAL ENCLOSURES

HAND HELD CASES

HEAVY DUTY ENCLOSURES

DIN RAIL ENCLOSURES

INTERFACE SUPPORTS

ELECTRICAL ENCLOSURES

DIECAST & METAL ENCLOSURES

DESKTOP & INSTRUMENT CASES

MULTI-PURPOSE & POTTING BOXES

19" ENCLOSURES

19" CABINETS

DEVELOPMENT BOARD ENCLOSURES

CUSTOM SIZED ENCLOSURES

FSPT/CUSTOM SERVICES



# UNIVERSAL ENCLOSURES

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## 4000 Series Panel Lid Cases

ABS boxes with recessed lid, designed for easy customisation of aluminium lid, available in three sizes.

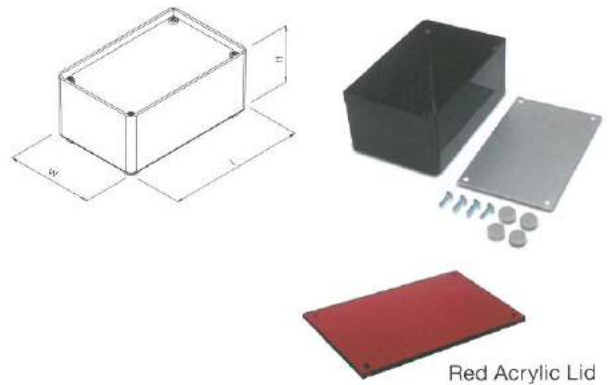
- Grey aluminium or acrylic lid mounted by four M3 machine screws
- Brass inserts in base for repeated removal of the lid
- Polished finish for ease of cleaning
- Rubber feet provided as standard
- Both the lid and box have excellent properties for machining
- Integral mounting guides to accept 1.6mm PCB's

SPECIFICATION	
Materials	Base high impact ABS Lid 1mm aluminium or Lid 3mm acrylic
Operating temperature	Resistant to temperatures of up to 85°C
Protection class	IP54
Standard colours	Base Grey(GY); Black(BLK) Aluminium lid Grey(GY) Acrylic lid Clear(CLR)
Standard unit includes	Base & aluminium lid 4x M3 machine screws 4x rubber feet
Options	PCB adaptors for horizontal mounting



ALUMINIUM LID GREY	ALUMINIUM LID BLACK	LENGTH	WIDTH	HEIGHT
BIM4003-GY/PG	BIM4003-BLK/PG	85mm	56mm	35mm
BIM4004-GY/PG	BIM4004-BLK/PG	111mm	71mm	48mm
BIM4005-GY/PG	BIM4005-BLK/PG	161mm	96mm	59mm

ACRYLIC LID GREY	ACRYLIC LID BLACK	LENGTH	WIDTH	HEIGHT
BIM4003-GY/CLR	BIM4003-BLK/CLR	85mm	56mm	35mm
BIM4004-GY/CLR	BIM4004-BLK/CLR	111mm	71mm	48mm
BIM4005-GY/CLR	BIM4005-BLK/CLR	161mm	96mm	59mm



HAND HELD CASES

HEAVY DUTY ENCLOSURES

DIN RAIL ENCLOSURES

INTERFACE SUPPORTS

ELECTRICAL ENCLOSURES

DIECAST & METAL ENCLOSURES

DESKTOP & INSTRUMENT CASES

MULTI-PURPOSE & POTTING BOXES

19" ENCLOSURES

19" CABINETS

DEVELOPMENT BOARD ENCLOSURES

CUSTOM SIZED ENCLOSURES

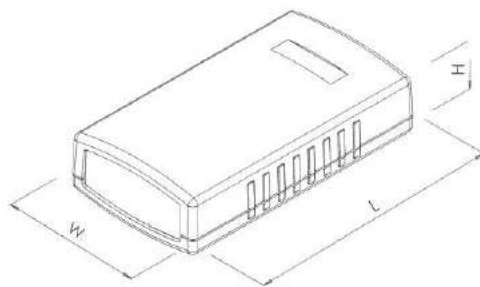
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# UNIVERSAL ENCLOSURES

## 3400 Series End Panel Design Cases

Versatile range of end-panel four-part construction enclosures, available in four lengths and nine heights.

- Lid, base and end panels moulded in high impact or UL94-V0 ABS
- Integral mounting guides in U-shell lid and base for vertical PCB mounting
- Bosses in base and lid for horizontal PCB mounting
- Ergonomically curved lid and base
- Four part construction for complete access and fitting of electronics
- Four M3 or self-tapping screws countersunk into base and fixed into lid
- Textured non-scratch surface



SPECIFICATION		
Materials	UL94-V0 or high-impact ABS	
Protection class	IP54	
Standard colours	UL94-V0	Lid & base dark grey similar to RAL 7040, end panels light grey
	High impact	Lid & base light grey similar to RAL 9002, end panels dark grey
Fixing styles	Self-tapping	3400-30 to 3400-34
	M3 brass inserts	3400-36 to 3400-59
Standard unit includes	Base & lid	
	2x end panels	
	4x fixing screws	
	4x rubber feet / screw covers	

HIGH IMPACT	FLAME RETARDANT	LENGTH	WIDTH	HEIGHT
3400-30	3400-01	90mm	50mm	16mm
3400-31	3400-03	90mm	50mm	24mm
3400-34	3400-04	90mm	50mm	32mm
3400-36	3400-07	120mm	60mm	30mm
3400-38	3400-10	120mm	60mm	40mm
3400-40	3400-12	120mm	60mm	50mm
3400-43	3400-13	150mm	80mm	30mm
3400-45	3400-16	150mm	80mm	45mm
3400-47	3400-18	150mm	80mm	60mm
3400-52	3400-21	190mm	100mm	40mm
3400-54	3400-22	190mm	100mm	60mm
3400-59	3400-25	190mm	100mm	80mm

UNIVERSAL ENCLOSURES

HAND HELD CASES

HEAVY DUTY ENCLOSURES

DIN RAIL ENCLOSURES

INTERFACE SUPPORTS

ELECTRICAL ENCLOSURES

DIECAST & METAL ENCLOSURES

DESKTOP & INSTRUMENT CASES

MULTI-PURPOSE & POTTING BOXES

19" ENCLOSURES

19" CABINETS

DEVELOPMENT BOARD ENCLOSURES

CUSTOM SIZED ENCLOSURES

FSPT/CUSTOM SERVICES



# UNIVERSAL ENCLOSURES

UNIVERSAL ENCLOSURES

## 82 Series Multi-Purpose Cases

Multi-purpose ABS cases, designed for a broad range of applications.

- Universal plastic enclosure with screw fastening.
- Available in 23 sizes in two colours: white & black.
- Suitable for measuring instruments, testing devices, wireless communication devices, medical devices etc.
- Black enclosures UL94-HB.
- White enclosures UL94-V0 (UL94-V1 indicated with \*)

**TAKACHI**

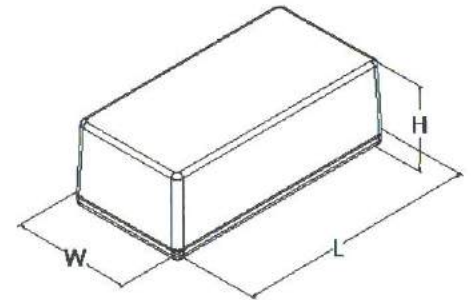


### SPECIFICATION

Materials	Lid & base high impact ABS Black: UL94-HB White: UL94-V0/UL94-V1
Operating temperature	-10°C to +60°C
Standard colours	Black & white
Standard unit includes:	Lid and Base, self-tapping screw

SIZE	BLACK	WHITE	LENGTH	WIDTH	HEIGHT
1	CUE8201BK	CUE8201WH*	50mm	35mm	20mm
2	CUE8202BK	CUE8202WH*	60mm	35mm	20mm
3	CUE8203BK	CUE8203WH*	80.3mm	40.3mm	20mm
4	CUE8204BK	CUE8204WH*	70mm	50mm	15mm
5	CUE8205BK	CUE8205WH*	70mm	50mm	27.5mm
6	CUE8206BK	CUE8206WH*	70mm	50mm	40mm
7	CUE8207BK	CUE8207WH*	90mm	45mm	25mm
8	CUE8208BK	CUE8208WH	105mm	70mm	20mm
9	CUE8209BK	CUE8209WH	105mm	70mm	35mm
10	CUE8210BK	CUE8210WH	105mm	70mm	50mm
11	CUE8211BK	CUE8211WH	130mm	65mm	25.6mm
12	CUE8212BK	CUE8212WH	130mm	65mm	50mm
13	CUE8213BK	CUE8213WH	80mm	80mm	20mm
14	CUE8214BK	CUE8214WH	80mm	80mm	40mm
15	CUE8215BK	CUE8215WH	170mm	85.5mm	35.4mm
16	CUE8216BK	CUE8216WH	170mm	85.5mm	60.6mm
17	CUE8217BK	CUE8217WH	220mm	110mm	45.3mm
18	CUE8218BK	CUE8218WH	220mm	110mm	75.3mm
19	CUE8219BK	CUE8219WH	125mm	125mm	25mm
20	CUE8220BK	CUE8220WH	125mm	125mm	45mm
21	CUE8221BK	CUE8221WH	175mm	125mm	25mm
22	CUE8222BK	CUE8222WH	175mm	125mm	45mm
23	CUE8223BK	CUE8223WH	175mm	125mm	65mm

\*UL94-V1



### Rubber Boots

- Flexible open-faced removable silicon rubber boot
- Boots offer protection to the enclosure
- Boot has pre-moulded holes to enable securing of boot to the enclosure
- Fits tightly over base, sides and around edges of lid
- Available in nine sizes and six colours, suits boxes: 11, 12, 15, 16, 17, 18, 19, 20, 21, 22, 23
- Rubber boots can be customised



PINK	YELLOW	GREEN	BLUE	GREY	BLACK	LENGTH	WIDTH	HEIGHT	DESCRIPTION
CUE82B1PK	CUE82B1YL	CUE82B1GN	CUE82B1BL	CUE82B1GY	CUE82B1BK	27mm	71mm	32mm	To fit size 11
CUE82B2PK	CUE82B2YL	CUE82B2GN	CUE82B2BL	CUE82B2GY	CUE82B2BK	27mm	71mm	56mm	To fit size 12
CUE82B3PK	CUE82B3YL	CUE82B3GN	CUE82B3BL	CUE82B3GY	CUE82B3BK	33mm	91.5mm	41.5mm	To fit size 15
CUE82B4PK	CUE82B4YL	CUE82B4GN	CUE82B4BL	CUE82B4GY	CUE82B4BK	33mm	91.5mm	66.5mm	To fit size 16
CUE82B5PK	CUE82B5YL	CUE82B5GN	CUE82B5BL	CUE82B5GY	CUE82B5BK	40mm	116mm	51.5mm	To fit size 17
CUE82B6PK	CUE82B6YL	CUE82B6GN	CUE82B6BL	CUE82B6GY	CUE82B6BK	40mm	116mm	81.5mm	To fit size 18
CUE82B7PK	CUE82B7YL	CUE82B7GN	CUE82B7BL	CUE82B7GY	CUE82B7BK	38mm	131mm	31mm	To fit sizes 19, 21
CUE82B8PK	CUE82B8YL	CUE82B8GN	CUE82B8BL	CUE82B8GY	CUE82B8BK	39mm	131mm	51mm	To fit sizes 20, 22
CUE82B9PK	CUE82B9YL	CUE82B9GN	CUE82B9BL	CUE82B9GY	CUE82B9BK	39mm	131mm	71mm	To fit size 23

# UNIVERSAL ENCLOSURES

## 83 Series Plastic Flanged Cases

Multi-purpose flanged enclosure designed for wall-mounting or surface mount devices.

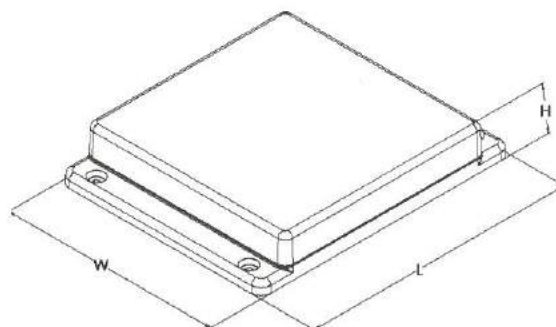
- Suitable for measuring instruments, communication devices, controllers etc.
- Lid and base moulded in flame resistant ABS.
- Lid mounted by four M3 machine screws.
- Excellent properties for machining.
- Available in 18 sizes in white & dark grey, UL94-V0.

### SPECIFICATION

Materials	Lid & base high impact ABS- UL94-V0
Operating temperature	-10°C to +60°C
Standard colours	Off white & dark grey
Standard unit includes:	Base & lid Nickel plated screw

SIZE	DARK GREY	OFF-WHITE	LENGTH	WIDTH	HEIGHT
1	CUE8301DG	CUE8301WH	70mm	35.4mm	22mm
7	CUE8307DG	CUE8307WH	111mm	45.6mm	27.5mm
8	CUE8308DG	CUE8308WH	127mm	70.6mm	20.5mm
9	CUE8309DG	CUE8309WH	127mm	70.6mm	35.5mm
10	CUE8310DG	CUE8310WH	127mm	70.6mm	50.5mm
11	CUE8311DG	CUE8311WH	150mm	65.5mm	25.5mm
12	CUE8312DG	CUE8312WH	150mm	65.5mm	50mm
13	CUE8313DG	CUE8313WH	100mm	80.6mm	23.5mm
14	CUE8314DG	CUE8314WH	100mm	80.6mm	43.5mm
15	CUE8315DG	CUE8315WH	190mm	86mm	35mm
16	CUE8316DG	CUE8316WH	190mm	86mm	60mm
17	CUE8317DG	CUE8317WH	250mm	110.3mm	45mm
18	CUE8318DG	CUE8318WH	250mm	110.3mm	75mm
19	CUE8319DG	CUE8319WH	155.6mm	125.6mm	25mm
20	CUE8320DG	CUE8320WH	155.6mm	125.6mm	45mm
21	CUE8321DG	CUE8321WH	205.6mm	125.6mm	25mm
22	CUE8322DG	CUE8322WH	205.6mm	125.6mm	45mm
23	CUE8323DG	CUE8323WH	205.6mm	125.6mm	65mm

NB: Length includes flanges



UNIVERSAL ENCLOSURES

HAND HELD CASES

HEAVY DUTY ENCLOSURES

DIN RAIL ENCLOSURES

INTERFACE SUPPORTS

ELECTRICAL ENCLOSURES

DIECAST & METAL ENCLOSURES

DESKTOP & INSTRUMENT CASES

MULTI-PURPOSE & POTTING BOXES

19" ENCLOSURES

19" CABINETS

DEVELOPMENT BOARD ENCLOSURES

CUSTOM SIZED ENCLOSURES

FSPT/CUSTOM SERVICES



# UNIVERSAL ENCLOSURES

UNIVERSAL ENCLOSURES

## 84 Series Round Edge Cases

ABS round shaped case, suitable for wall mounting, home energy systems and home automation.

### SPECIFICATION

Materials	ABS as standard UL94-HB
Operating temperature	-10°C to +60°C
Standard colours	White & dark grey
Standard unit includes	Base & lid

HAND HELD CASES

HEAVY DUTY ENCLOSURES

DIN RAIL ENCLOSURES

INTERFACE SUPPORTS

ELECTRICAL ENCLOSURES

DIECAST & METAL ENCLOSURES

DESKTOP & INSTRUMENT CASES

MULTI-PURPOSE & POTTING BOXES

19" ENCLOSURES

19" CABINETS

DEVELOPMENT BOARD ENCLOSURES

CUSTOM SIZED ENCLOSURES

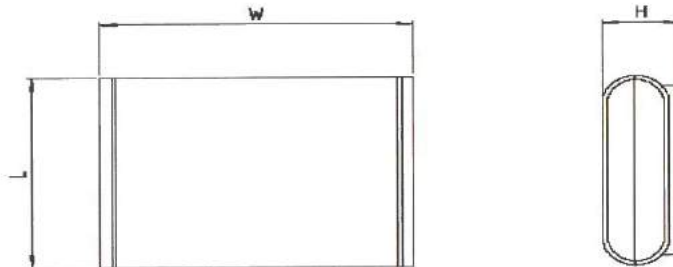
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- Snap together enclosures - no screws required
- Surface mount knockout option
- Available in two sizes and two colours : white & dark grey
- Internal pillars for PCB mounting
- Applications in home energy, home automation and control units

**TAKACHI**



DARK GREY	WHITE	LENGTH	WIDTH	HEIGHT
CDT8401DG	CDT8401WH	110mm	140mm	35mm
CDT8402DG	CDT8402WH	125mm	180mm	35mm



# UNIVERSAL ENCLOSURES

## Room Sensor Enclosures

Room sensor style enclosures designed for wall mount applications.

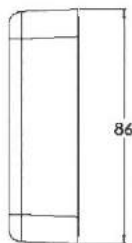
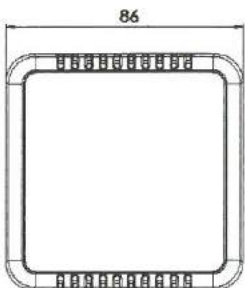
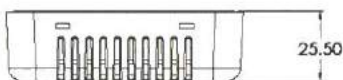
- Moulded in ABS **UL94-V0**
- Front and back clip together (tool required for disassembly once wall mounted)
- Internal PCB Mount pillars moulded into the front and back sections of the housing
- Internal clips for snap-in PCB
- Recessed front face for overlay
- Recessed rear face for additional labelling
- Plain and vented versions available
- Rear knockout for cable entry (20mm dia)
- Multiple mounting options, including single gang UK plug back box mount points

### SPECIFICATION

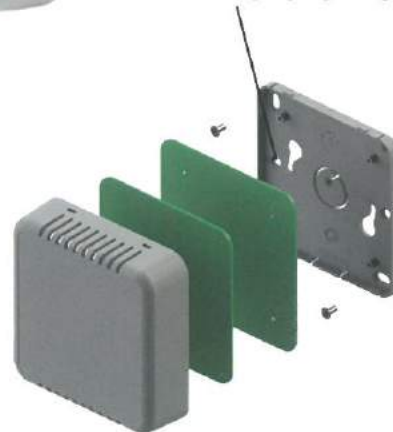
Materials	ABS UL94-V0
Operating temperature	-10°C to +80°C
Standard colour	White
Standard unit includes	1 x Room sensor enclosure



TYPE NO.	DESCRIPTION
CBRS01SWH	Room sensor, Size 1, Solid, White
CBRS01VWH	Room sensor, Size 1, Vented, White



UK single gang fixing points



UNIVERSAL ENCLOSURES

HAND HELD CASES

HEAVY DUTY ENCLOSURES

DIN RAIL ENCLOSURES

INTERFACE SUPPORTS

ELECTRICAL ENCLOSURES

DIECAST & METAL ENCLOSURES

DESKTOP & INSTRUMENT CASES

MULTI-PURPOSE & POTTING BOXES

19" ENCLOSURES

19" CABINETS

DEVELOPMENT BOARD ENCLOSURES

CUSTOM SIZED ENCLOSURES

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UNIVERSAL ENCLOSURES

HAND HELD CASES

HEAVY DUTY ENCLOSURES

DIN RAIL ENCLOSURES

INTERFACE SUPPORTS

ELECTRICAL ENCLOSURES

DIECAST & METAL ENCLOSURES

DESKTOP & INSTRUMENT CASES

MULTI-PURPOSE & POTTING BOXES

19" ENCLOSURES

19" CABINETS

DEVELOPMENT BOARD ENCLOSURES

CUSTOM SIZED ENCLOSURES

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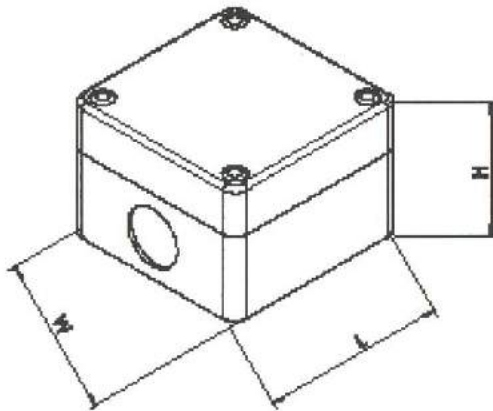
- IP65 ABS enclosures suitable for control switches and equipment
- Grey and yellow lid colour options
- Standard box holes moulded for 22mm diameter control switches
- Diameter 21mm (PG13.5) knockouts moulded in enclosure
- Pre assembled control station and control switching available to order
- Larger sizes to order

### SPECIFICATION

Material	ABS	
Protection class	IP65	
Rated temperature	Operating	-25° to +70°
	Storage	-40° to +80°
Standard colours	Box & lid	Grey RAL 7035
	Lid	Yellow RAL 1103

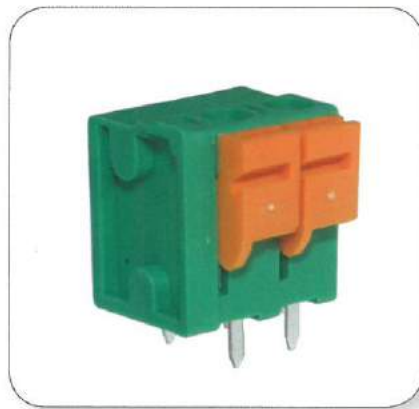
### Enclosure Cases

TYPE NO.	LID COLOUR	LENGTH	WIDTH	HEIGHT
CCS00GY00	Grey	70mm	70mm	51mm
CCS03GY00	Grey	70mm	70mm	74mm
CCS05GY00	Grey	105mm	70mm	51mm
CCS06GY00	Grey	105mm	70mm	74mm
CCS07GY00	Grey	140mm	70mm	51mm
CCS08GY00	Grey	140mm	70mm	74mm
CCS09GY00	Grey	185mm	70mm	51mm
CCS10GY00	Grey	185mm	70mm	74mm



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# HAND HELD CASES

HEAVY DUTY ENCLOSURES

## 62 SERIES POCKET BOXES

Pocket Boxes  
62 Series IP65 Gasket

p24  
p24



DIN RAIL ENCLOSURES

## 64 SERIES HANDY CASES

Handy Cases  
Plastic End Caps  
64 Series IP65 Gasket  
Battery Compartments

p25  
p25  
p25  
p25



INTERFACE SUPPORTS

## 66 SERIES GRIP CASES

Grip Cases  
Soft-Grip Corners  
66 Series IP65 Gasket  
Battery Compartments

p26  
p26  
p26  
p26



ELECTRICAL ENCLOSURES

## 2900 SERIES SLOPPED CASES

p27



DIECAST & METAL ENCLOSURES

## 2910 SERIES MOBILE CASES

p27



DESKTOP & INSTRUMENT CASES

## 2950 SERIES IR POCKET CASES

Pocket Cases  
Infrared Panel  
Battery Contact Kit

p28  
p28  
p28



MULTI-PURPOSE & POTTING BOXES

## 45 SERIES PALM CASES

Palm Cases  
Rubber Boot  
AA Battery Compartment  
9V PP3 Battery Compartment  
No Battery Compartment

p29  
p29  
p29  
p29  
p29



19" ENCLOSURES

## 2970 SERIES ERGO T-STYLE CASES

T-style Cases  
2970 Series IP65 Gasket

p30  
p30



19" CABINETS

DEVELOPMENT BOARD ENCLOSURES

## 2955 SERIES KEYFOBS

2955-20 Series Round Keyfob  
2955-40 Series Ergo Keyfob  
2955 Series Battery Holder  
2956 Series Eco Keyfob  
2957 Series Eco Keyfob

p31  
p32  
p32  
p32  
p33

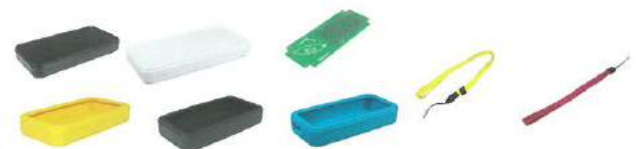


CUSTOM SIZED ENCLOSURES

## 80 SERIES SLIM PLASTIC ENCLOSURES

Plastic Enclosures  
Rubber Boots  
PCB  
Wrist Straps  
Neck Straps

p34  
p34  
p35  
p35  
p35



**81 SERIES FOB BOXES**

Fob Boxes  
Wrist Straps  
Neck Straps

p36  
p36  
p36



**87 SERIES SILICONE COVER ENCLOSURES**

Silicone Cover Enclosures  
Silicone Cover

p37  
p37



**90 SERIES IP67 HANDHELD ENCLOSURES**

p38



**93 SERIES IP67 PORTABLE PLASTIC CASES**

Plastic Cases  
Grips  
PCB's

p39  
p39  
p39



See Page 140 for IP rating table.

UNIVERSAL  
ENCLOSURES

HAND  
HELD  
CASES

HEAVY  
DUTY  
ENCLOSURES

DIN  
RAIL  
ENCLOSURES

INTERFACE  
SUPPORTS

ELECTRICAL  
ENCLOSURES

DIECAST  
& METAL  
ENCLOSURES

DESKTOP &  
INSTRUMENT  
CASES

MULTI-PURPOSE  
& POTTING  
BOXES

19"  
ENCLOSURES

19"  
CABINETS

DEVELOPMENT  
BOARD  
ENCLOSURES

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# HAND HELD CASES

UNIVERSAL ENCLOSURES

HAND HELD CASES

HEAVY DUTY ENCLOSURES

DIN RAIL ENCLOSURES

INTERFACE SUPPORTS

ELECTRICAL ENCLOSURES

DIECAST & METAL ENCLOSURES

DESKTOP & INSTRUMENT CASES

MULTI-PURPOSE & POTTING BOXES

19" ENCLOSURES

19" CABINETS

DEVELOPMENT BOARD ENCLOSURES

CUSTOM SIZED ENCLOSURES

FSPT/CUSTOM SERVICES

## 62 Series Pocket Boxes

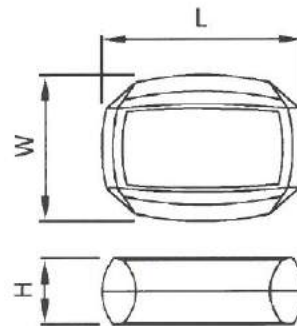
Contemporary range of small robust hand-held boxes with bevelled and rounded edges.

- Moulded in high impact ABS
- Snap-fit assembly
- Recesses in lid and base for membrane keypads or overlays
- Excellent properties for machining
- Key-ring lug style available
- Optional EPDM gasket for IP65 seal

### SPECIFICATION

Material	Base & lid high impact ABS UL94-V0
Operating temperature	Resistant to temperatures of up to 85°C
Protection class	IP62 as standard IP65 with gasket option
Standard colours	Light grey similar to RAL 7035 Black similar to RAL 9004
Standard unit includes	Base & lid
Options	IP65 gasket

BLACK	LIGHT GREY	LENGTH	WIDTH	HEIGHT	STYLE
CHH621BLK	CHH621GRY	55mm	40mm	18mm	-
CHH622BLK	CHH622GRY	60mm	40mm	18mm	Key ring lug
CHH623BLK	CHH623GRY	70mm	50mm	20mm	-



## 62 Series IP65 Gasket

- EPDM rubber gasket
- IP65 protection
- Operating temperature -20°C to +85°C

TYPE NO.	DESCRIPTION
CHH62GASK	62 Series IP65 Gasket



# HAND HELD CASES

## 64 Series Handy Cases

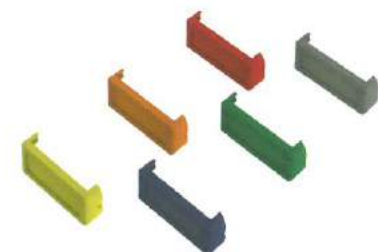
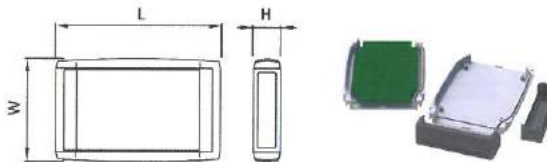
Multi-purpose snap-fit hand-held enclosures designed for quick assembly.

- Moulded in high grade ABS, UL94-V0
- Snap-fit base & lid assembly, via end caps
- Battery compartment lid M3 retaining screw
- Recesses in lid, base and end caps for membrane keypads or overlays
- PCB pillars in lid and base
- Optional EPDM gasket for IP65 seal



SPECIFICATION	
Material	Base & lid high grade ABS, UL94-V0
Operating temperature	Resistant to temperatures of up to 85°C
Protection class	IP62 as standard IP65 with gasket option
64 Series standard colours	Top and base in grey RAL7035 and black RAL 9004. End caps - red, blue, yellow, green, orange, grey or black. Custom colours available to order
Standard unit includes	Top and base (battery door & retaining screw size 2 & 4)
Options	End caps, battery compartments and gaskets supplied separately IP65 gasket

BLACK	LIGHT GREY	LENGTH	WIDTH	HEIGHT	STYLE
CHH641NBK	CHH641NGY	100mm	80mm	20mm	-
CHH642BBK	CHH642BGY	100mm	80mm	30mm	Battery door
CHH643NBK	CHH643NGY	120mm	80mm	20mm	-
CHH644BBK	CHH644BGY	120mm	80mm	30mm	Battery door



### Plastic End Caps

TYPE NO.	COLOUR	DESCRIPTION
CHH64E1BL	Blue - RAL 5007	To fit 20mm high cases
CHH64E1GR	Green - RAL 6026	To fit 20mm high cases
CHH64E1RD	Red - RAL 3020	To fit 20mm high cases
CHH64E1OR	Orange - RAL 2003	To fit 20mm high cases
CHH64E1BK	Black - RAL 9004	To fit 20mm high cases
CHH64E1YL	Yellow - RAL 1021	To fit 20mm high cases
CHH64E1DG	Grey - RAL 7001	To fit 20mm high cases
CHH64E2BL	Blue - RAL 5007	To fit 30mm high cases
CHH64E2GR	Green - RAL 6026	To fit 30mm high cases
CHH64E2RD	Red - RAL 3020	To fit 30mm high cases
CHH64E2OR	Orange - RAL 2003	To fit 30mm high cases
CHH64E2BK	Black - RAL 9004	To fit 30mm high cases
CHH64E2YL	Yellow - RAL 1021	To fit 30mm high cases
CHH64E2DG	Grey - RAL 7001	To fit 30mm high cases

### 64 Series IP65 Gasket

- EPDM rubber gasket
- IP65 protection
- Operating temperature -20°C to +85°C



TYPE NO.	DESCRIPTION
CHH64GASK	64 Series IP65 Gasket

### Battery Compartments



TYPE NO.	DESCRIPTION	COLOUR
CHHBAT1BK	Clip-in battery compartment PP3	Black
CHHBAT1GY	Clip-in battery compartment PP3	Grey
CHHBAT2BK	Clip-in battery compartment AA	Black
CHHBAT2GY	Clip-in battery compartment AA	Grey

UNIVERSAL ENCLOSURES

HAND HELD CASES

HEAVY DUTY ENCLOSURES

DIN RAIL ENCLOSURES

INTERFACE SUPPORTS

ELECTRICAL ENCLOSURES

DIECAST & METAL ENCLOSURES

DESKTOP & INSTRUMENT CASES

MULTI-PURPOSE & POTTING BOXES

19" ENCLOSURES

19" CABINETS

DEVELOPMENT BOARD ENCLOSURES

CUSTOM SIZED ENCLOSURES

FSPT/CUSTOM SERVICES



# HAND HELD CASES

## 66 Series Grip Cases

UNIVERSAL ENCLOSURES

HAND HELD CASES

HEAVY DUTY ENCLOSURES

DIN RAIL ENCLOSURES

INTERFACE SUPPORTS

ELECTRICAL ENCLOSURES

DIECAST & METAL ENCLOSURES

DESKTOP & INSTRUMENT CASES

MULTI-PURPOSE & POTTING BOXES

19" ENCLOSURES

19" CABINETS

DEVELOPMENT BOARD ENCLOSURES

CUSTOM SIZED ENCLOSURES

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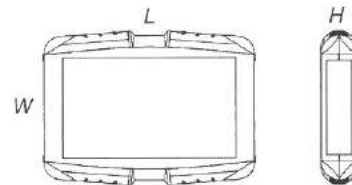
Innovative unique design for quick and easy assembly. Features soft-grip corners for added protection and ergonomic feel.

- Moulded in high impact ABS, UL94-V0
- Screwless assembly via four soft-grip corners
- Battery compartment lid with M3 retaining screw
- Optional retaining screws for added security
- Recesses in lid and base for membrane keypads or overlays
- PCB pillars in lid and base
- Optional EPDM gasket for IP65 seal



### SPECIFICATION

Materials	Base & lid, front and back panels high impact ABS, UL94-V0. Soft-grip corners TPE coated polypropylene
Operating temperature	Resistant to temperatures of up to 85°C
Protection class	IP62 as standard IP65 with gasket option
Standard colours	Lid, base and panels light grey or black Soft-grip corners red, blue, yellow, green, orange, grey or black Custom colours available to order
Standard unit includes	25mm high Lid, base & panels 35mm high Lid, base & panels Battery door & retaining screw Soft-grip corners and battery compartment supplied separately



BLACK	LIGHT GREY	LENGTH	WIDTH	HEIGHT	STYLE
CHH661NBK	CHH661NGY	145mm	95mm	25mm	-
CHH661BBK	CHH661BGY	145mm	95mm	25mm	Battery door
CHH662NBK	CHH662NGY	145mm	95mm	35mm	-
CHH662BBK	CHH662BGY	145mm	95mm	35mm	Battery door
CHH663NBK	CHH663NGY	185mm	110mm	25mm	-
CHH663BBK	CHH663BGY	185mm	110mm	25mm	Battery door
CHH664NBK	CHH664NGY	185mm	110mm	35mm	-
CHH664BBK	CHH664BGY	185mm	110mm <td 35mm	Battery door	
CHH665NBK	CHH665NGY	200mm	120mm	25mm	-
CHH665BBK	CHH665BGY	200mm	120mm	25mm	Battery door
CHH666NBK	CHH666NGY	200mm	120mm	35mm	-
CHH666BBK	CHH666BGY	200mm	120mm	35mm	Battery door

\* soft grip corners sold separately



### Soft-Grip Corners

TYPE NO.	COLOUR	DESCRIPTION
CHH66C1BL	Blue - RAL 5007	To fit 25mm high cases
CHH66C1GR	Green - RAL 6026	To fit 25mm high cases
CHH66C1RD	Red - RAL 3020	To fit 25mm high cases
CHH66C1OR	Orange - RAL 2003	To fit 25mm high cases
CHH66C1BK	Black - RAL 9004	To fit 25mm high cases
CHH66C1YL	Yellow - RAL 1021	To fit 25mm high cases
CHH66C1GY	Grey - RAL 7001	To fit 25mm high cases
CHH66C2BL	Blue - RAL 5007	To fit 35mm high cases
CHH66C2GR	Green - RAL 6026	To fit 35mm high cases
CHH66C2RD	Red - RAL 3020	To fit 35mm high cases
CHH66C2OR	Orange - RAL 2003	To fit 35mm high cases
CHH66C2BK	Black - RAL 9004	To fit 35mm high cases
CHH66C2YL	Yellow - RAL 1021	To fit 35mm high cases
CHH66C2GY	Grey - RAL 7001	To fit 35mm high cases

### Battery Compartments

TYPE NO.	DESCRIPTION	COLOUR
CHHBAT1BK	Clip-in battery compartment PP3	Black
CHHBAT1GY	Clip-in battery compartment PP3	Grey
CHHBAT2BK	Clip-in battery compartment AA	Black
CHHBAT2GY	Clip-in battery compartment AA	Grey



### 66 Series IP65 Gasket

- EPDM rubber gasket
- IP65 protection
- Operating temperature -20°C to +85°C

TYPE NO.	DESCRIPTION
CHH66GSKT	66 Series IP65 Gasket

# HAND HELD CASES

## 2900 Series Sloped Cases

Scratch resistant desktop or hand-held enclosures with recess in lid. Ideal for mobile electronics that require a battery compartment.

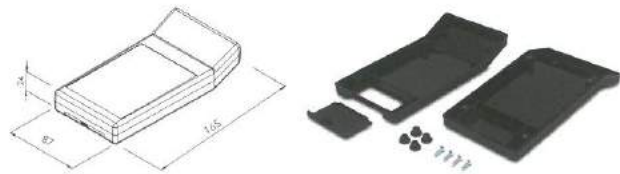
- Lid, base and battery lid moulded in high grade ABS
- Lid mounted by four M3 machine screws
- Angled LCD Display area
- Sliding battery compartment lid
- Recess in lid for membrane keypads or overlays



### SPECIFICATION

Materials	Base, lid and battery lid in high grade ABS
Operating temperature	Resistant to temperatures of up to 85°C
Protection class	IP54
Standard colours	Grey or black, Ivory to order
Standard unit includes	Base & lid Battery compartment lid 4 x M3 machine screws 4 x rubber feet

BLACK	GREY	LENGTH	WIDTH	HEIGHT
BIM2901-BLK/BLK	BIM2901-GY/GY	165mm	87mm	24mm



## 2910 Series Mobile Cases

Functional hand-held ABS cases with recessed lid and a battery compartment.

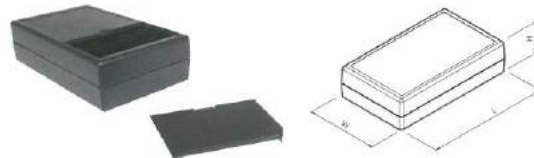
- Lid and base moulded in high grade ABS
- Lid mounted by four M3 machine screws
- Snap-on battery compartment lid
- Battery compartment for two AA, AAA or one PP3 battery
- PCB pillars in base
- Recess in lid for membrane keypads or overlays



### SPECIFICATION

Materials	Base & lid and battery lid in high grade ABS UL94-V0
Operating temperature	Resistant to temperatures of up to 85°C
Protection class	IP54
Standard colours	Light grey similar to RAL 7035 or black similar to RAL 9004
Standard unit includes	Base & lid Battery compartment lid 4 x M3 machine screws 4 x self-tapping PCB screws

BLACK	GREY	LENGTH	WIDTH	HEIGHT
CHHMC01BK	CHHMC01GY	105mm	61mm	28mm
CHHMC02BK	CHHMC02GY	145mm	80mm	34mm



UNIVERSAL ENCLOSURES

HAND HELD CASES

HEAVY DUTY ENCLOSURES

DIN RAIL ENCLOSURES

INTERFACE SUPPORTS

ELECTRICAL ENCLOSURES

DIECAST & METAL ENCLOSURES

DESKTOP & INSTRUMENT CASES

MULTI-PURPOSE & POTTING BOXES

19" ENCLOSURES

19" CABINETS

DEVELOPMENT BOARD ENCLOSURES

CUSTOM SIZED ENCLOSURES

FSPT/CUSTOM SERVICES



# HAND HELD CASES

## 2950 Series IR Pocket Cases

UNIVERSAL ENCLOSURES

HAND HELD CASES

HEAVY DUTY ENCLOSURES

DIN RAIL ENCLOSURES

INTERFACE SUPPORTS

ELECTRICAL ENCLOSURES

DIECAST & METAL ENCLOSURES

DESKTOP & INSTRUMENT CASES

MULTI-PURPOSE & POTTING BOXES

19" ENCLOSURES

19" CABINETS

DEVELOPMENT BOARD ENCLOSURES

CUSTOM SIZED ENCLOSURES

FSPT/CUSTOM SERVICES

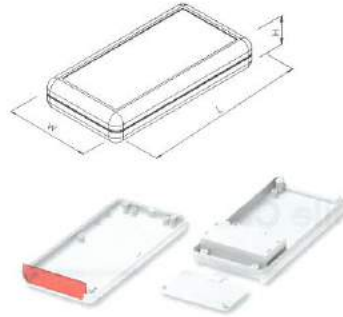
Low-profile enclosures with battery compartment and interchangeable front panel for test and measurement equipment, remote controls and wireless technology.

- Moulded in high impact ABS or UL94-V0 ABS
- Low profile moulding
- Pocket sized cases
- Recesses top & base
- Snap-on battery compartment on lid
- PCB pillars in lid & base

### SPECIFICATION

Materials	2950 - 39	High impact ABS
	2950 - 39UL	UL94-V0 ABS
	2950 - 89	High impact ABS
Protection class	IP54	
Standard colours	Light grey similar to RAL 9002	
	Black similar to RAL 9004	
Standard unit includes	Base & lid	
	ABS front panel	
	4x M3 machine screws	
Options	Infrared panel	
	Battery contact kit	

BLACK	LIGHT GREY	LENGTH	WIDTH	HEIGHT	MATERIAL	STYLE
2950-39B	2950-39G	135mm	70mm	24mm	HB	Battery compartment
2950-39BUL	2950-39GUL	135mm	70mm	24mm	VO	Battery compartment
-	2950-89G	172mm	77mm	25mm	HB	-



### Infrared Panel

- Infrared panel moulded in acrylic (UL94 HB)



TYPE NO.	DESCRIPTION
2950-39-TP	Infrared panel

### Battery Contact Kit

- AA size battery contact kit push-fit into pre-moulded pillars inside the case



TYPE NO.	DESCRIPTION
2950-310	Battery contact kit

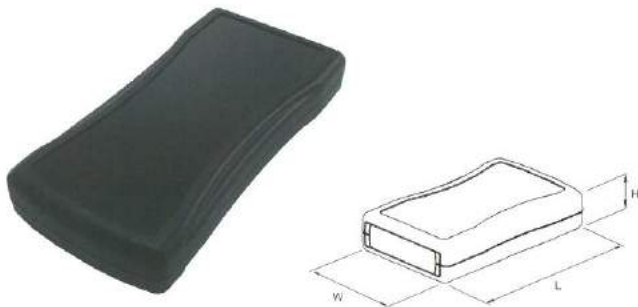
# HAND HELD CASES

## 45 Series Palm Cases

Ergonomically designed range of hand-held enclosures, with battery compartment and rubber boot options.

- Moulded in UL94-5VA Flame Retardant ABS
- Lid mounted by four self-tapping screws
- Removable end panel for ease of access and ideal for machining
- ABS end panel version as standard, infra red end panel version to order
- Sliding battery compartment lid options for AA or 9V PP3 batteries (contacts/strap included)
- Plain / no battery compartment version available to order
- Textured lid versions for consistent all over surface finish
- Smooth recess lid version for membrane keypads or overlays
- PCB pillars moulded in lid and base, screws available to order
- Recess in base for product labels

SPECIFICATION	
Material	Base, lid and end-panel in UL94-5VA ABS
Operating temperature	Resistant to temperatures of up to 85°C
Protection class	IP54
Standard colours	Black as standard Ivory on request
Standard unit includes	Lid, base, end-panel & battery-lid 4x self-tapping screws Battery contacts/strap (+foam pad with 9V)
Options	Rubber boot



### AA battery compartment

TEXTURED LID	RECESSED LID	SIZE	LENGTH	WIDTH	HEIGHT
CHH451ABK	CHH456ABK	1	117.5mm	72.5mm	25.5mm
CHH452ABK	CHH457ABK	2	139.5mm	82.5mm	26mm
CHH453ABK	CHH458ABK	3	165mm	82.5mm	26mm

### 9V PP3 battery compartment

TEXTURED LID	RECESSED LID	SIZE	LENGTH	WIDTH	HEIGHT
CHH451PBK	CHH456PBK	1	117.5mm	72.5mm	25.5mm
CHH452PBK	CHH457PBK	2	139.5mm	82.5mm	26mm
CHH453PBK	CHH458PBK	3	165mm	82.5mm	26mm

### No battery compartment

TEXTURED LID	RECESSED LID	SIZE	LENGTH	WIDTH	HEIGHT
CHH451NBK	CHH456NBK	1	117.5mm	72.5mm	25.5mm
CHH452NBK	CHH457NBK	2	139.5mm	82.5mm	26mm
CHH453NBK	CHH458NBK	3	165mm	82.5mm	26mm

### Rubber Boot

- Flexible open faced removable silicon rubber boot
- Fits tightly over base, sides and around edges of lid
- Belt strap incorporated into back, covers battery compartment
- Suitable for any battery compartment, with textured or recessed lid
- Available in all three sizes, in blue, red and black



BLACK	RED	BLUE	SIZE
CHH451BBK	CHH451BRD	CHH451BBL	1
CHH452BBK	CHH452BRD	CHH452BBL	2
CHH453BBK	CHH453BRD	CHH453BBL	3



UNIVERSAL ENCLOSURES

HAND HELD CASES

HEAVY DUTY ENCLOSURES

DIN RAIL ENCLOSURES

INTERFACE SUPPORTS

ELECTRICAL ENCLOSURES

DIECAST & METAL ENCLOSURES

DESKTOP & INSTRUMENT CASES

MULTI-PURPOSE & POTTING BOXES

19" ENCLOSURES

19" CABINETS

DEVELOPMENT BOARD ENCLOSURES

CUSTOM SIZED ENCLOSURES

FSPT/CUSTOM SERVICES



# HAND HELD CASES

## 2970 Series Ergo T-Style Cases

UNIVERSAL ENCLOSURES

HAND HELD CASES

Ergonomic "T"-style hand-held enclosure with LCD Display cut-out and battery compartment options and membrane keypad recess in lid.

- Moulded in high impact ABS
- Large LCD cut-out area
- Available with or without battery compartment and display aperture
- Recesses in lid for membrane keypads or overlays
- Removable tilt stand which is suitable for surface mounting supplied as standard

### SPECIFICATION

Materials	Base, lid & tilt stand high impact ABS
Protection class	IP54 as standard IP65 with optional gasket
Standard colours	Light grey or black
Standard unit includes	Lid, base, tilt stand & screws
Options	EPDM gasket for IP65 seal

HEAVY DUTY ENCLOSURES

DIN RAIL ENCLOSURES

INTERFACE SUPPORTS

BLACK	LIGHT GREY	LENGTH	WIDTH	HEIGHT	STYLE	
2970-28BS	2970-28GS	210mm	110mm	41mm	-	
2970-28BO	2970-28GO	210mm	110mm	41mm	cut-out display	
2970-28BSBC	2970-28GSBC	210mm	110mm	41mm	-	Battery compartment
2970-28BOBC	2970-28GOBC	210mm	110mm	41mm	cut-out display	Battery compartment

ELECTRICAL ENCLOSURES

DIECAST & METAL ENCLOSURES

DESKTOP & INSTRUMENT CASES

MULTI-PURPOSE & POTTING BOXES

19" ENCLOSURES

### 2970 Series IP65 Gasket

- EPDM rubber gasket
- IP65 protection
- Operating temperature -20°C to +85°C

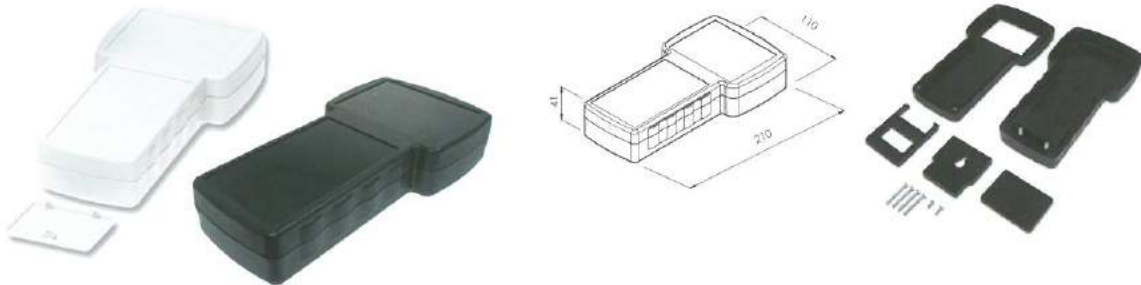
TYPE NO.	DESCRIPTION
2970-28GSKT	2970 Series IP65 gasket

19" CABINETS

DEVELOPMENT BOARD ENCLOSURES

CUSTOM SIZED ENCLOSURES

FSPT/CUSTOM SERVICES



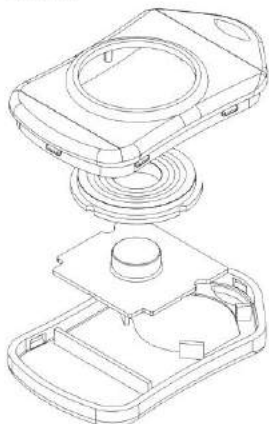
# HAND HELD CASES

## 2955 Series Keyfob

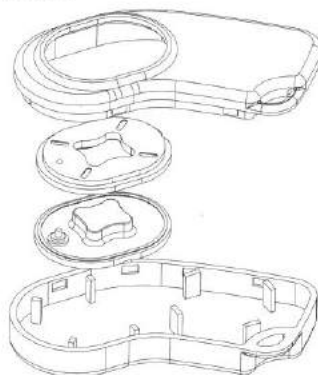
A range of keyfob enclosures dedicated to RF activated mobile applications such as hand-held transmitters and manual control units. The snap-fit design allows an uncomplicated and secure assembly.



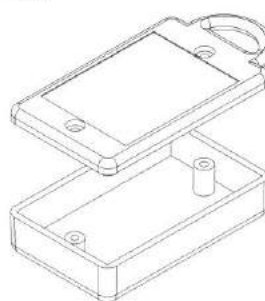
**Round Keyfobs**  
2955-20



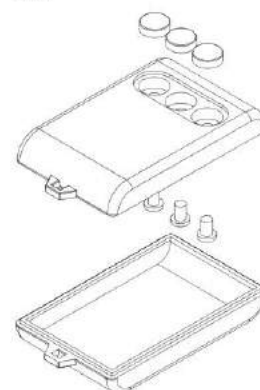
**Ergo Keyfobs**  
2955-40



**Eco Keyfobs**  
2956



**Eco Keyfobs**  
2957



### 2955-20 Series Round Keyfobs

ABS keyfobs with round 1-5 rubber button layout

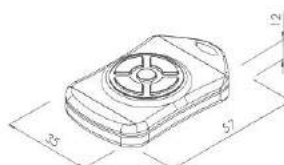
- Moulded in ABS
- Snap-fit assembly of lid & base
- 1 to 5 rubber buttons with contact pads
- Enclosed battery compartment for coin cells
- Eyelet for key-ring



#### SPECIFICATION

<b>Materials</b>	Base, lid & adaptor ABS Push buttons silicone
<b>Standard colours</b>	Base, lid and adaptor black similar to RAL 9004 Push buttons light grey similar to RAL 7037
<b>Standard unit includes</b>	Base & lid Push-button insert Button adaptor

BLACK	DESCRIPTION
2955-20R-1	1 button
2955-20R-2	2 button
2955-20R-3	3 button
2955-20R-4	4 button
2955-20R-5	5 button



UNIVERSAL ENCLOSURES

HAND HELD CASES

HEAVY DUTY ENCLOSURES

DIN RAIL ENCLOSURES

INTERFACE SUPPORTS

ELECTRICAL ENCLOSURES

DIECAST & METAL ENCLOSURES

DESKTOP & INSTRUMENT CASES

MULTI-PURPOSE & POTTING BOXES

19" ENCLOSURES

19" CABINETS

DEVELOPMENT BOARD ENCLOSURES

CUSTOM SIZED ENCLOSURES

FSPT/CUSTOM SERVICES



# HAND HELD CASES

UNIVERSAL ENCLOSURES

HAND HELD CASES

HEAVY DUTY ENCLOSURES

DIN RAIL ENCLOSURES

INTERFACE SUPPORTS

ELECTRICAL ENCLOSURES

DIECAST & METAL ENCLOSURES

DESKTOP & INSTRUMENT CASES

MULTI-PURPOSE & POTTING BOXES

19" ENCLOSURES

19" CABINETS

DEVELOPMENT BOARD ENCLOSURES

CUSTOM SIZED ENCLOSURES

FSPT/CUSTOM SERVICES

## 2955-40 Series Ergo Keyfobs

Ergonomically shaped ABS keyfobs with 1-5 rubber buttons and clear silicone LED window.

- Moulded in ABS
- Snap-fit assembly of lid and base
- 1 to 5 ergonomically shaped rubber buttons with contact pads
- Base incorporates a separate enclosed battery compartment for coin cells
- Eyelet for key-ring
- Clear silicone LED window

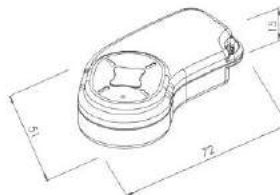


### SPECIFICATION

Materials	Base, lid & adaptor ABS Push buttons silicone
Standard colours	Base, lid and adaptor black similar to RAL 9004 Push buttons light grey similar to RAL 7037
Standard unit includes	Base & lid Push-button insert Button adaptor

### BLACK DESCRIPTION

2955-40R-1	1 button
2955-40R-2	2 button
2955-40R-3	3 button
2955-40R-4	4 button
2955-40R-5	5 button



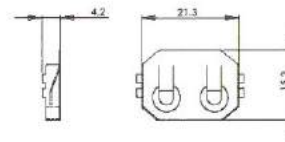
## 2955 Series Battery Holder

- Spring steel nickel-plated battery holder
- Fits 20mm coin cell lithium type battery (not included)



### TYPE NO. DESCRIPTION

2955-BATT-HDR	20mm coin cell battery holder
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## 2956 Series Eco Keyfob Case

Economic ABS key fob with label recess in lid.

- Moulded in ABS
- Blank keyfob case (without buttons)
- Assembly of lid and base
- Small eyelet for key-ring
- Label recess in lid

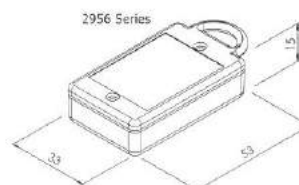


### SPECIFICATION

Materials	Lid & base ABS
Standard colours	Black similar to RAL 9004
Standard unit includes	Lid & base 2x screws

### BLACK LENGTH WIDTH HEIGHT

2956	53mm	33mm	15mm
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# HAND HELD CASES

## 2957 Series Eco Keyfobs

Economic ABS keyfobs with 1-3 plastic button or one control button layout.

- Moulded in ABS
- One central button or 1-3 button layouts
- Snap-fit assembly of lid and base
- Small eyelet for key-ring

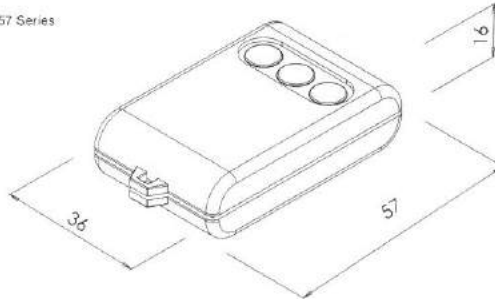


### SPECIFICATION

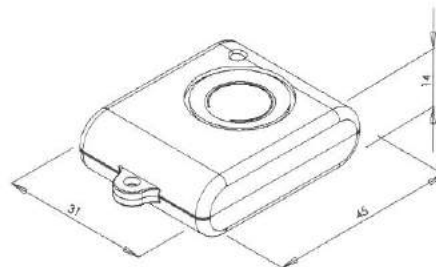
Materials	Base, lid ABS & buttons
Standard colours	Base & lid black similar to RAL 9004 Push buttons combinations of red, black and blue
Standard unit includes	Base, lid and push buttons

BLACK	LEGNTH	WIDTH	HEIGHT	DESCRIPTION
2957-22	57mm	36mm	16mm	1 button
2957-23	57mm	36mm	16mm	2 button
2957-43	57mm	36mm	16mm	3 button
2957-46	45mm	35.6mm	14mm	1 large button

2957 Series



2957-46



UNIVERSAL ENCLOSURES

HAND HELD CASES

HEAVY DUTY ENCLOSURES

DIN RAIL ENCLOSURES

INTERFACE SUPPORTS

ELECTRICAL ENCLOSURES

DIECAST & METAL ENCLOSURES

DESKTOP & INSTRUMENT CASES

MULTI-PURPOSE & POTTING BOXES

19" ENCLOSURES

19" CABINETS

DEVELOPMENT BOARD ENCLOSURES

CUSTOM SIZED ENCLOSURES

FSPT/CUSTOM SERVICES



# HAND HELD CASES

## 80 Series Slim Plastic Enclosures

UNIVERSAL ENCLOSURES

HAND HELD CASES

HEAVY DUTY ENCLOSURES

DIN RAIL ENCLOSURES

INTERFACE SUPPORTS

ELECTRICAL ENCLOSURES

DIECAST & METAL ENCLOSURES

DESKTOP & INSTRUMENT CASES

MULTI-PURPOSE & POTTING BOXES

19" ENCLOSURES

19" CABINETS

DEVELOPMENT BOARD ENCLOSURES

CUSTOM SIZED ENCLOSURES

FSPT/CUSTOM SERVICES

Small ABS hand-held enclosures, with battery compartment and rubber boot options.

- Moulded in UL94-HB ABS
- Lid mounted by four self-tapping screws
- Sliding battery compartment lid options for a CR2032 battery (contacts included)
- Three sizes available
- Optional rubber case, open or closed variations
- Recess in base for product labels, keypads and overlays

### SPECIFICATION

Material	Base & lid in UL94-HB ABS
Operating temperature	-10°C to +60°C
Standard colours	Black or white
Standard unit includes	Base, lid & battery-lid 4x M1.6 Steel screws Battery contact
Options	Rubber boot PCB

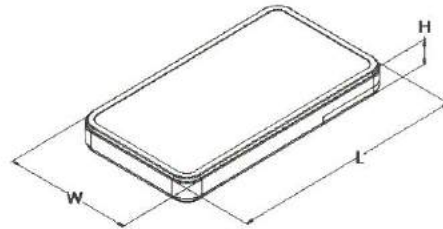
### Without Battery Compartment

SIZE	BLACK	WHITE	LENGTH	WIDTH	HEIGHT	DESCRIPTION
1	CHH801NBK	CHH801NWH	75mm	35mm	12mm	No battery compartment
2	CHH802NBK	CHH802NWH	90mm	45mm	12mm	No battery compartment
3	CHH803NBK	CHH803NWH	115mm	63mm	12mm	No battery compartment

### With Battery Compartment

SIZE	BLACK	WHITE	LENGTH	WIDTH	HEIGHT	DESCRIPTION
1	CHH801BBK	CHH801BWH	75mm	35mm	12mm	1x CR2032 Battery compartment
2	CHH802BBK	CHH802BWH	90mm	45mm	12mm	1x CR2032 Battery compartment
3	CHH803BBK	CHH803BWH	115mm	63mm	12mm	2x CR2032 Battery compartment

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### Rubber Boots



- Flexible open faced removable silicon rubber boot
- Fits tightly over base, sides and around edges of lid
- Option of open end boot for infrared panel
- Available in three sizes; in black, blue and yellow

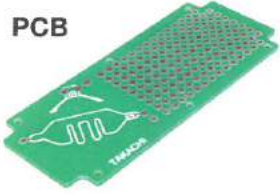


### Rubber Boots

PART NO.	LENGTH	WIDTH	HEIGHT	DESCRIPTION
CHH80BABK	78.6mm	38.6mm	15.5mm	Rubber case, size 1, closed, black
CHH80BBBK	78.6mm	38.6mm	15.5mm	Rubber case, size 1, open, black
CHH80BABL	78.6mm	38.6mm	15.5mm	Rubber case, size 1, closed, blue
CHH80BBBL	78.6mm	38.6mm	15.5mm	Rubber case, size 1, open, blue
CHH80BAYL	78.6mm	38.6mm	15.5mm	Rubber case, size 1, closed, yellow
CHH80BBYL	78.6mm	38.6mm	15.5mm	Rubber case, size 1, open, yellow
CHH80BCBK	93.6mm	48.6mm	15.5mm	Rubber case, size 2, closed, black
CHH80DBBK	93.6mm	48.6mm	15.5mm	Rubber case, size 2, open, black
CHH80BCBL	93.6mm	48.6mm	15.5mm	Rubber case, size 2, closed, blue
CHH80DBBL	93.6mm	48.6mm	15.5mm	Rubber case, size 2, open, blue
CHH80BCYL	93.6mm	48.6mm	15.5mm	Rubber case, size 2, closed, yellow
CHH80BDYL	93.6mm	48.6mm	15.5mm	Rubber case, size 2, open, yellow
CHH80BEBK	119.1mm	67.1mm	16mm	Rubber case, size 3, closed, black
CHH80FBK	119.1mm	67.1mm	16mm	Rubber case, size 3, open, black
CHH80BEBL	119.1mm	67.1mm	16mm	Rubber case, size 3, closed, blue
CHH80FBBL	119.1mm	67.1mm	16mm	Rubber case, size 3, open, blue
CHH80BEYL	119.1mm	67.1mm	16mm	Rubber case, size 3, closed, yellow
CHH80BFYL	119.1mm	67.1mm	16mm	Rubber case, size 3, open, yellow

# HAND HELD CASES

## PCB



## PCB

PART NO.	LENGTH	WIDTH	HEIGHT	DESCRIPTION
CHH80PCB1	68.9mm	28.9mm	1mm	PCB board for size 1 Enclosure
CHH80PCB2	83.9mm	38.9mm	1mm	PCB board for size 2 Enclosure
CHH80PCB3	108.9mm	56.9mm	1mm	PCB board for size 3 Enclosure

- Exclusive PCB board for the 80 Series Slim plastic enclosure
- Glass epoxy board (FR-4), through-holes on both sides and 2.54mm hole distance
- Prepared holes for the battery contact

## Wrist Straps



PINK	YELLOW	GREEN	BLUE	LIGHT GREY	BLACK	LENGTH	WIDTH
CHHWRSSTPK	CHHWRSSTYL	CHHWRSSTGR	CHHWRSSTBL	CHHWRSSTLG	CHHWRSSTBK	140mm	8mm

- Wrist straps for the 80 Series slim plastic enclosure, come in six colours pink, yellow, green, blue, grey and black

## Neck Straps



PINK	YELLOW	GREEN	BLUE	LIGHT GREY	BLACK	LENGTH	WIDTH
CHHNECKPK	CHHNECKYL	CHHNECKGR	CHHNECKBL	CHHNECKLG	CHHNECKBK	450mm	10mm

- Neck straps for the slim plastic enclosure, available in six colours pink, yellow, green, blue, grey and black.
- Neck strap comes with a quick release joint



UNIVERSAL ENCLOSURES

HAND HELD CASES

HEAVY DUTY ENCLOSURES

DIN RAIL ENCLOSURES

INTERFACE SUPPORTS

ELECTRICAL ENCLOSURES

DIECAST & METAL ENCLOSURES

DESKTOP & INSTRUMENT CASES

MULTI-PURPOSE & POTTING BOXES

19" ENCLOSURES

19" CABINETS

DEVELOPMENT BOARD ENCLOSURES

CUSTOM SIZED ENCLOSURES

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# HAND HELD CASES

## 81 Series Fob Boxes

UNIVERSAL ENCLOSURES

HAND HELD CASES

HEAVY DUTY ENCLOSURES

DIN RAIL ENCLOSURES

INTERFACE SUPPORTS

ELECTRICAL ENCLOSURES

DIECAST & METAL ENCLOSURES

DESKTOP & INSTRUMENT CASES

MULTI-PURPOSE & POTTING BOXES

19" ENCLOSURES

19" CABINETS

DEVELOPMENT BOARD ENCLOSURES

CUSTOM SIZED ENCLOSURES

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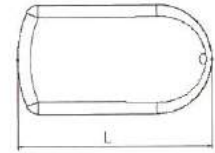
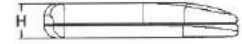
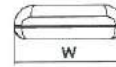
Small ABS hand-held enclosures, for wireless remote control and RFID type products.

- Tactile handheld fob box
- Snap-in case without screws
- Ergonomic design
- Comfortable shape
- Two colours available
- Holes for strap, lanyard or PCB board pillars

### SPECIFICATION

Material	Base & lid ABS UL94-HB
Operating temperature	-10°C to +60°C
Standard colours	Black or white
Standard unit includes	Base & lid

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PART NO.	LENGTH	WIDTH	HEIGHT
CHH81E1WH	65mm	35mm	11mm
CHH81E1BK	65mm	35mm	11mm
CHH81E2WH	85mm	48mm	15mm
CHH81E2BK	85mm	48mm	15mm

### Wrist Straps



PINK	YELLOW	GREEN	BLUE	LIGHT GREY	BLACK	LENGTH
CHHWRSSTPK	CHHWRSSTYL	CHHWRSSTGR	CHHWRSSTBL	CHHWRSSTLG	CHHWRSSTBK	140mm

- Wrist straps for the fob boxes, available in six colours; pink, yellow, green, blue, grey and black

### Neck Straps



PINK	YELLOW	GREEN	BLUE	LIGHT GREY	BLACK	LENGTH	WIDTH
CHHNECKPK	CHHNECKYL	CHHNECKGR	CHHNECKBL	CHHNECKLG	CHHNECKBK	450mm	10mm

- Neck straps for the 80 and 81 Series enclosures, available in six colours pink, yellow, green, blue, grey and black
- Neck strap comes with a quick release joint



# HAND HELD CASES

## 87 Series Silicone Cover Enclosure

Hand-held Enclosure, suitable for measuring instruments, testing devices, wireless communication devices, medical devices etc.

- Available in six sizes, with or without moulded battery compartments. (further battery compartment options available upon request)
- Recess to front for keypads and labels
- Removable end panel
- Battery contacts supplied
- Silicone cover accessory available
- Available in two colours: off-white & dark grey

**TAKACHI**



### Without Battery Compartment

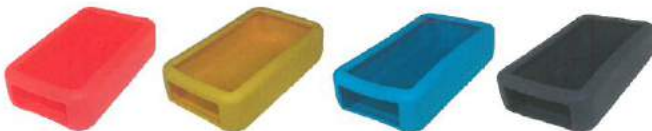
SIZE	DARK GREY	OFF-WHITE	LENGTH	WIDTH	HEIGHT
1	CHH871DGN	CHH871WHN	115mm	69mm	19.5mm
2	CHH872DGN	CHH872WHN	115mm	69mm	28mm
3	CHH873DGN	CHH873WHN	135mm	76mm	27mm
4	CHH874DGN	CHH874WHN	135mm	76mm	35mm
5	CHH875DGN	CHH875WHN	165mm	80mm	27mm
6	CHH876DGN	CHH876WHN	165mm	80mm	35mm

### With Battery Compartment

SIZE	DARK GREY	OFF-WHITE	LENGTH	WIDTH	HEIGHT	BATTERY COMPARTMENT
1	CHH871DGA	CHH871WHA	115mm	69mm	19.5mm	2 x AAA
2	CHH872DGB	CHH872WHB	115mm	69mm	28mm	2 x AA
3	CHH873DGB	CHH873WHB	135mm	76mm	27mm	2 x AA
4	CHH874DGB	CHH874WHB	135mm	76mm	35mm	2 x AA
5	CHH875DGC	CHH875WHC	165mm	80mm	27mm	4 x AA
6	CHH876DGC	CHH876WHC	165mm	80mm	35mm	4 x AA

### Silicone Cover

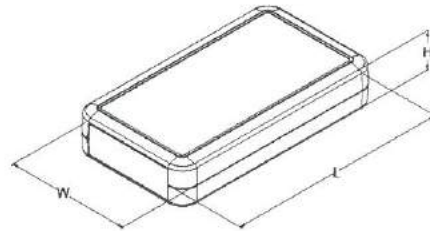
- Flexible open faced removable silicon rubber cover
- Fits tightly over base, sides and around edges of lid
- Custom colours available from MOQ 500 pcs per order, just provide us with your pantone colour
- Rubber boots can be customised
- Ruggedised boots available on request



SIZE	RED	YELLOW	BLUE	DARK GREY	LENGTH	WIDTH	HEIGHT	DESCRIPTION
1	CHH87C1RD	CHH87C1YL	CHH87C1BL	CHH87C1DG	120mm	74mm	24mm	Fits enclosure size 1
2	CHH87C2RD	CHH87C2YL	CHH87C2BL	CHH87C2DG	120mm	74mm	32.5mm	Fits enclosure size 2
3	CHH87C3RD	CHH87C3YL	CHH87C3BL	CHH87C3DG	141mm	81mm	32mm	Fits enclosure size 3
4	CHH87C4RD	CHH87C4YL	CHH87C4BL	CHH87C4DG	141mm	81mm	40mm	Fits enclosure size 4
5	CHH87C5RD	CHH87C5YL	CHH87C5BL	CHH87C5DG	171mm	85mm	32mm	Fits enclosure size 5
6	CHH87C6RD	CHH87C6YL	CHH87C6BL	CHH87C6DG	171mm	85mm	40mm	Fits enclosure size 6

### SPECIFICATION

Materials	Base & lid high impact ABS-UL94-V0
Operating temperature	-10°C to +60°C
Standard colours	Off-white & dark grey
Standard unit includes:	Base & lid, self-tapping screw
Options	Silicon case in red, yellow, blue and dark grey



UNIVERSAL ENCLOSURES

HAND HELD CASES

HEAVY DUTY ENCLOSURES

DIN RAIL ENCLOSURES

INTERFACE SUPPORTS

ELECTRICAL ENCLOSURES

DIECAST & METAL ENCLOSURES

DESKTOP & INSTRUMENT CASES

MULTI-PURPOSE & POTTING BOXES

19" ENCLOSURES

19" CABINETS

DEVELOPMENT BOARD ENCLOSURES

CUSTOM SIZED ENCLOSURES

FSPT/CUSTOM SERVICES



# HAND HELD CASES

## 90 Series IP67 Handheld Enclosures

UNIVERSAL ENCLOSURES

HAND HELD CASES

HEAVY DUTY ENCLOSURES

DIN RAIL ENCLOSURES

INTERFACE SUPPORTS

ELECTRICAL ENCLOSURES

DIECAST & METAL ENCLOSURES

DESKTOP & INSTRUMENT CASES

MULTI-PURPOSE & POTTING BOXES

19" ENCLOSURES

19" CABINETS

DEVELOPMENT BOARDS

CUSTOM SIZED ENCLOSURES

FSPT/CUSTOM SERVICES

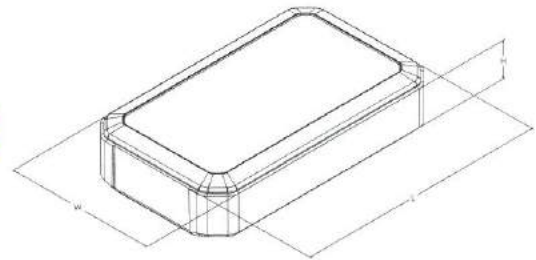
IP67 waterproofed enclosures, stylish design with chamfered edge and made from flame-resistant ABS (UL94-V0)

- Manufactured in ABS UL94-V0
- Available in black or white
- Rubber (TPE) sides provide a soft touch feel and extra protection (five colours available)
- Four types - plain (no battery), x4 AAA, x3 AA, and x2 AA
- Suitable for various hand-held apparatus, such as measuring instruments, inspection machines, transmitters and medical equipments

### SPECIFICATION

Material	Base & lid ABS UL94-HB
Operating temperature	-10°C to +60°C
Standard colours	Black or white
Standard unit includes	Base, lid, sides, gasket & screws

**TAKACHI**



PART NO.	LENGTH	WIDTH	HEIGHT	DESCRIPTION
CHH901NB*	146mm	88mm	20mm	Plain
CHH902NB*	146mm	88mm	25mm	Plain
CHH903NB*	146mm	88mm	33mm	Plain
CHH901AB*	146mm	88mm	20mm	x4 AAA batt comp
CHH902BB*	146mm	88mm	25mm	x2 AA batt comp
CHH902CB*	146mm	88mm	25mm	x3 AA batt comp
CHH903BB*	146mm	88mm	33mm	x2 AA batt comp
CHH903CB*	146mm <td 88mm	33mm	x3 AA batt comp	

\* Please add suffix

- B= Black rubber corners
- G= Grey rubber corners
- L= Blue rubber corners
- R= Red rubber corners
- Y= Yellow rubber corners



B= Black rubber corners

L= Blue rubber corners

R= Red rubber corners

Y= Yellow rubber corners

G= Grey rubber corners

PART NO.	LENGTH	WIDTH	HEIGHT	DESCRIPTION
CHH901NW*	146mm	88mm	20mm	Plain
CHH902NW*	146mm	88mm	25mm	Plain
CHH903NW*	146mm	88mm	33mm	Plain
CHH901AW*	146mm	88mm	20mm	x4 AAA batt comp
CHH902BW*	146mm	88mm	25mm	x2 AA batt comp
CHH902CW*	146mm	88mm	25mm	x3 AA batt comp
CHH903BW*	146mm	88mm	33mm	x2 AA batt comp
CHH903CW*	146mm	88mm	33mm	x3 AA batt comp

\* Please add suffix

- B= Black rubber corners
- G= Grey rubber corners
- L= Blue rubber corners
- R= Red rubber corners
- Y= Yellow rubber corners



B= Black rubber corners

L= Blue rubber corners

R= Red rubber corners

Y= Yellow rubber corners

G= Grey rubber corners

# HAND HELD CASES

## 93 Series IP67 Portable Plastic Cases

IP67 hand held enclosures with TPE sides for comfortable feel

- Two sizes available in three colour combinations
- Plain and battery compartment options as standard (CR2032 coin cell)
- TPE side grip provides a comfortable feel as well as protection from impact
- Suitable for remote controls, key fobs, wireless devices, RFID, GPS tracking and more

**TAKACHI**



### Black Enclosure Black Grip

PART NO.	LENGTH	WIDTH	HIGHT	BATTERY TYPE
CHH931NBB	72mm	43mm	15.5mm	None
CHH931BBB	72mm	43mm	15.5mm	1x CR2032 batt comp
CHH932NBB	90mm	44.2mm	15.7mm	None
CHH932BBB	90mm	44.2mm	15.7mm	1x CR2032 batt comp

### Black Enclosure Blue Grip

PART NO.	LENGTH	WIDTH	HIGHT	BATTERY TYPE
CHH931NBL	72mm	43mm	15.5mm	None
CHH931BBL	72mm	43mm	15.5mm	1x CR2032 batt comp
CHH932NBL	90mm	44.2mm	15.7mm	None
CHH932BBL	90mm	44.2mm	15.7mm	1x CR2032 batt comp

### White Enclosure Light Grey Grip

PART NO.	LENGTH	WIDTH	HIGHT	BATTERY TYPE
CHH931NWG	72mm	43mm	15.5mm	None
CHH931BWG	72mm	43mm	15.5mm	1x CR2032 batt comp
CHH932NWG	90mm	44.2mm	15.7mm	None
CHH932BWG	90mm	44.2mm	15.7mm	1x CR2032 batt comp

### PCB's

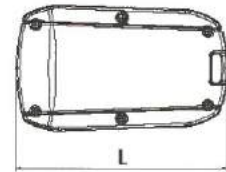
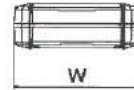
- Glass epoxy board (FR-4), through holes on both sides, 2.54mm hole pitch
- Designed with a battery contact hole
- Battery contact position and direction are printed on the PCB
- Please use battery contacts include with the enclosures

PART NO.	CASE TYPE
CHH93PCB1	Size 1 (72mm x 43mm x 15.5mm)
CHH93PCB2	Size 2 (90mm x 44.2mm x 15.7mm)



### SPECIFICATION

Materials:	Top cover and bottom cover: ABS UL94-HB / TPE (Black, Black Blue, White Grey)
Battery Cover	ABS UL94-HB, black
Battery Contact	Stainless steel SUS304 nickel plated
O-ring	Silicone, black
Screw	Stainless steel SUS304, unfinished
Operating temperature	10°C to +50°C
Protection class	IP67
Recommended torque	0.06 to 0.08 Nm
Standard unit includes	X1 Top cover and x1 bottom cover: X1 Battery cover * X1 Battery contact * x1 O-ring * X7 Screws * = battery versions only



UNIVERSAL ENCLOSURES

HAND HELD CASES

HEAVY DUTY ENCLOSURES

DIN RAIL ENCLOSURES

INTERFACE SUPPORTS

ELECTRICAL ENCLOSURES

DIECAST & METAL ENCLOSURES

DESKTOP & INSTRUMENT CASES

MULTI-PURPOSE & POTTING BOXES

19" ENCLOSURES

19" CABINETS

DEVELOPMENT BOARD ENCLOSURES

CUSTOM SIZED ENCLOSURES

FSPT/CUSTOM SERVICES



UNIVERSAL ENCLOSURES

HAND HELD CASES

# HEAVY DUTY ENCLOSURES

DIN RAIL ENCLOSURES

## 7200 SERIES POLYCARBONATE CASES

Grey Lid  
Clear Lid

p41  
p41



INTERFACE SUPPORTS

## 7300 SERIES ABS CASES

Grey Lid  
Clear Lid

p42  
p42



ELECTRICAL ENCLOSURES

DIECAST & METAL ENCLOSURES

## 71 SERIES FLANGED IP66 ENCLOSURES

Flanged Case

p43



DESKTOP & INSTRUMENT CASES

## 72 SERIES WALL MOUNT IP66 ENCLOSURES

Grey Lid  
Clear Lid

p43  
p43



MULTI-PURPOSE & POTTING BOXES

19" ENCLOSURES

## 7710 SERIES HINGED WALL MOUNT ENCLOSURES

Wall Mount Enclosure  
Wall Mounting Kit

p44  
p44



19" CABINETS

## 7740 SERIES SCREW FASTENING WALL MOUNT ENCLOSURES

Wall Mount Enclosure  
Wall Mounting Kit

p45  
p45



DEVELOPMENT BOARD ENCLOSURES

CUSTOM SIZED ENCLOSURES

## 91 SERIES IP67 LOW PROFILE CASES

Low Profile Case  
Rubber Feet  
Pole Mount Kit

p46  
p46  
p46



FSPT/CUSTOM SERVICES

See page 140 for IP rating table

# HEAVY DUTY ENCLOSURES

## 7200 Series Polycarbonate Cases

Robust IP65 polycarbonate cases to protect electrical and electronic components in rugged environments.

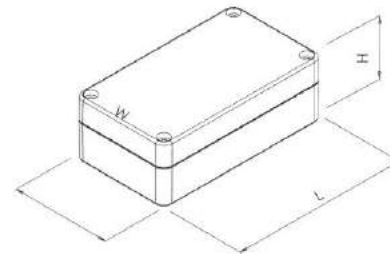
- Moulded in high grade polycarbonate
- PCB pillars in base with threaded inserts and for self-tapping screws
- Lid mounted by using M4 machine screws
- Easy to use wall-mounting holes
- Neoprene gasket included
- Clear lid available



### SPECIFICATION

Materials	Base & lid high grade Polycarbonate
Operating temperature	Heat resistant up to 125°C
Protection class	IP65
Standard colours	Light grey, similar to RAL 7035
Standard unit includes	Box & lid M4 non-magnetic machine screws Neoprene gasket

GREY LID	CLEAR LID	LENGTH	WIDTH	HEIGHT	SCREW SIZE
7200-250	7200-250C	52mm	50mm	35mm	4 x M4
7200-201	7200-201C	64mm	58mm	35mm	4 x M4
7200-256	7200-256C	82mm	80mm	55mm	4 x M4
7200-203	7200-203C	115mm	65mm	40mm	4 x M4
7200-205	7200-205C	115mm	65mm	55mm	4 x M4
7200-212	7200-212C	115mm	90mm	55mm	4 x M4
7200-221	7200-221C	115mm	90mm	80mm	4 x M4
7200-278	7200-278C	120mm	120mm	60mm	4 x M4
7200-279	7200-279C	120mm	120mm	90mm	4 x M4
7200-258	7200-258C	160mm	80mm	55mm	4 x M4
7200-265	7200-265C	160mm	80mm	85mm	4 x M4
7200-287	7200-287C	160mm	160mm	60mm	4 x M4
7200-288	7200-288C	160mm	160mm	90mm	4 x M4
7200-214	7200-214C	171mm	121mm	55mm	4 x M4
7200-223	7200-223C	171mm	121mm	80mm	4 x M4
7200-229	7200-229C	195mm	80mm	55mm	6 x M4
7200-269	7200-269C	200mm	120mm	75mm	4 x M4
7200-218	7200-218C	222mm	146mm	55mm	6 x M4
7200-232	7200-232C	222mm	146mm	75mm	6 x M4
7200-2018	7200-2018C	240mm	160mm	90mm	6 x M4
7200-2025	7200-2025C	240mm	160mm	120mm	6 x M4
7200-238	7200-238C	265mm	185mm	95mm	6 x M4
7200-2029	7200-2029C	300mm	230mm	86mm	6 x M4
7200-2038	7200-2038C	300mm	230mm	111mm	6 x M4
7200-2058	7200-2058C	360mm	200mm	150mm	6 x M4



UNIVERSAL ENCLOSURES

HAND HELD CASES

HEAVY DUTY ENCLOSURES

DIN RAIL ENCLOSURES

INTERFACE SUPPORTS

ELECTRICAL ENCLOSURES

DIECAST & METAL ENCLOSURES

DESKTOP & INSTRUMENT CASES

MULTI-PURPOSE & POTTING BOXES

19" ENCLOSURES

19" CABINETS

DEVELOPMENT BOARD ENCLOSURES

CUSTOM SIZED ENCLOSURES

FSPT/CUSTOM SERVICES



# HEAVY DUTY ENCLOSURES

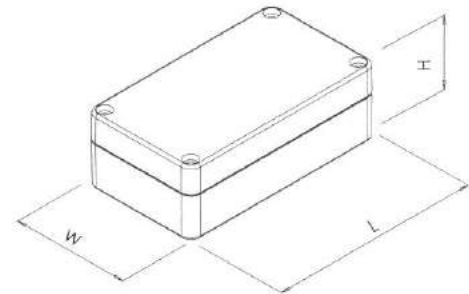
## 7300 Series ABS Cases

Robust IP65 ABS cases to protect electrical and electronic components in rugged environments.

- Moulded in high quality ABS
- PCB pillars in base with threaded inserts and for self-tapping screws
- Lid mounted by four M3 machine screws
- Neoprene gasket included
- Clear lid option

### SPECIFICATION

Materials	Base & lid high grade ABS
Operating temperature	Heat resistant up to 85°C
Protection class	IP65
Standard colours	Dark grey, similar to RAL 7000
Standard unit includes	Box & lid 4x M4 non-magnetic machine screws Neoprene gasket



GREY LID	CLEAR LID	LENGTH	WIDTH	HEIGHT
7300-362	7300-362C	52mm	50mm	35mm
7300-302	7300-302C	64mm	58mm	35mm
7300-366	7300-366C	82mm	80mm	55mm
7300-304	7300-304C	115mm	65mm	40mm
7300-308	7300-308C	115mm	65mm	55mm
7300-311	7300-311C	115mm	90mm	55mm
7300-331	7300-331C	115mm	90mm	80mm
7300-386	7300-386C	120mm	120mm	60mm
7300-387	7300-387C	120mm	120mm	90mm
7300-368	7300-368C	160mm	80mm	55mm
7300-369	7300-369C	160mm	80mm	85mm
7300-396	7300-396C	160mm	160mm	60mm
7300-399	7300-399C	160mm	160mm	90mm
7300-313	7300-313C	171mm	121mm	55mm
7300-340	7300-340C	171mm	121mm	80mm
7300-346	7300-346C	195mm	80mm	55mm
7300-373	7300-373C	200mm	120mm	75mm
7300-317	7300-317C	222mm	146mm	55mm
7300-353	7300-353C	222mm	146mm	75mm
7300-3008	7300-3008C	240mm	160mm	90mm
7300-3019	7300-3019C	240mm	160mm	120mm
7300-378	7300-378C	265mm	185mm	95mm
7300-3028	7300-3028C	300mm	230mm	86mm
7300-3031	7300-3031C	300mm	230mm	111mm
7300-3039	7300-3039C	360mm	200mm	150mm

UNIVERSAL ENCLOSURES

HAND HELD CASES

HEAVY DUTY ENCLOSURES

DIN RAIL ENCLOSURES

INTERFACE SUPPORTS

ELECTRICAL ENCLOSURES

DIECAST & METAL ENCLOSURES

DESKTOP & INSTRUMENT CASES

MULTI-PURPOSE & POTTING BOXES

19" ENCLOSURES

19" CABINETS

DEVELOPMENT BOARD ENCLOSURES

CUSTOM SIZED ENCLOSURES

FSPT/CUSTOM SERVICES

# HEAVY DUTY ENCLOSURES

## 71 Series Flanged IP66 Enclosures

Large robust enclosures with IP66 gasket. Designed for outdoor applications in UV stable, polycarbonate UL94-V0.

- Mounting flanges on the base
- Recessed cover
- PCB mounting bosses in the base and cover
- Fitted silicone rubber gasket for dust and moisture resistance
- Meets NEMA 4X/IP66 ratings
- Black UV stabilised polycarbonate
- Secured from rear face for security/anti-tamper

PART. NO	LENGTH	WIDTH	HEIGHT
CHD7101BK	139.70mm	88.9mm	39.1mm
CHD7102BK	168.40mm	118.9mm	60.2mm

### SPECIFICATION

Materials	Polycarbonate UL94-V0
Operating temperature	-40°C to +120°C
Protection class	IP66
Standard colours	Black
Standard unit includes	Base, cover, silicone gasket, 4x Stainless steel enclosure screws



## 72 Series Wall Mount IP66 Enclosures

Polished finish polycarbonate enclosures, IP66 rated, for outdoor (waterproof) applications.

- Durable, impact-resistant UV stabilised polycarbonate UL94-V0
- Mounting flanges on the base
- Recessed cover
- Solid cover or transparent cover option
- PCB mounting bosses in the base and cover
- Fitted silicone rubber gasket for dust and moisture resistance
- Captive, stainless steel screws thread into brass inserts
- Meets NEMA 4X/IP66 ratings



### SPECIFICATION

Materials	Polycarbonate UL94-V0
Operating temperature	-40°C to +120°C
Protection class	IP66
Standard colours	Light grey - RAL7035
Standard unit includes	Base, cover (inc gasket) and enclosure screws



GREY LID	CLEAR LID	LENGTH	WIDTH	HEIGHT
CHD7201GY	CHD7211GY	193.8mm	117.6mm	78.5mm
CHD7202GY	CHD7212GY	222.3mm	133.4mm	83.8mm

UNIVERSAL ENCLOSURES

HAND HELD CASES

HEAVY DUTY ENCLOSURES

DIN RAIL ENCLOSURES

INTERFACE SUPPORTS

ELECTRICAL ENCLOSURES

DIECAST & METAL ENCLOSURES

DESKTOP & INSTRUMENT CASES

MULTI-PURPOSE & POTTING BOXES

19" ENCLOSURES

19" CABINETS

DEVELOPMENT BOARD ENCLOSURES

CUSTOM SIZED ENCLOSURES

FSPT/CUSTOM SERVICES



# HEAVY DUTY ENCLOSURES

## 7710 Series Hinged Wall Mount Enclosures

UNIVERSAL ENCLOSURES

HAND HELD CASES

HEAVY DUTY ENCLOSURES

DIN RAIL ENCLOSURES

INTERFACE SUPPORTS

ELECTRICAL ENCLOSURES

DIECAST & METAL ENCLOSURES

DESKTOP & INSTRUMENT CASES

MULTI-PURPOSE & POTTING BOXES

19" ENCLOSURES

19" CABINETS

DEVELOPMENT BOARD ENCLOSURES

CUSTOM SIZED ENCLOSURES

FSPT/CUSTOM SERVICES

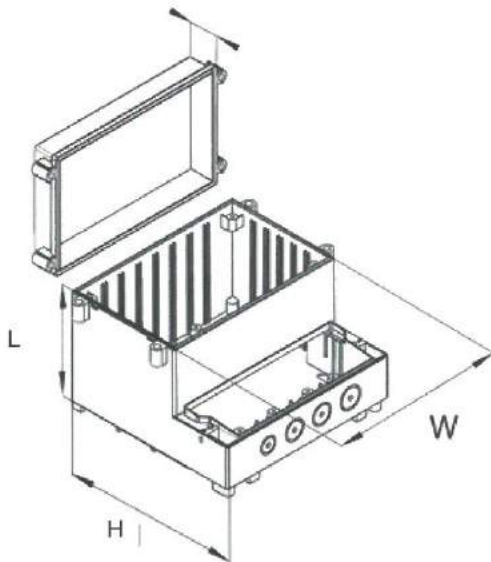
Wall mounted enclosures with a transparent and hinged polycarbonate cover. Designed to house electronic applications.

- Moulded in high quality PC/ABS
- Suitable for high temperatures
- Protects controls and components indoors or outdoors
- Two detachable hinges for quick access
- Fastening pillars and guide grooves for vertical and horizontal PCB mounting
- Hinges can be left or right mounted
- DIN Rail mountable
- EPDM gasket for IP65 seal pre-inserted
- Available in five sizes

### SPECIFICATION

<i>Materials</i>	Box: Polycarbonate ABS UL94-V0 Lid: Polycarbonate UL94-V0
<i>Operating temperature</i>	Heat resistant up to 120°C
<i>Ingress protection class</i>	IP65
<i>Standard colours</i>	Light grey, similar to RAL 7038, Transparent lid
<i>Standard unit includes</i>	Box, lid, hinges, catch, fixing screws and neoprene gasket

PART NO.	LENGTH	WIDTH	HEIGHT
CHD771001	93mm	166mm	161mm
CHD771002	121mm	166mm	161mm
CHD771003	104.5mm	213mm	185mm
CHD771004	132.5mm	256mm	217mm
CHD771005	158mm	296mm	281mm



### Wall Mounting Kit

PART NO.	DESCRIPTION
CHD7700MK	Mounting Brackets



# HEAVY DUTY ENCLOSURES

## 7740 Series Screw Fastening Wall Mount Enclosures

Wall mounted enclosures with two compartments, equipped with covers. Designed to house electronic applications.

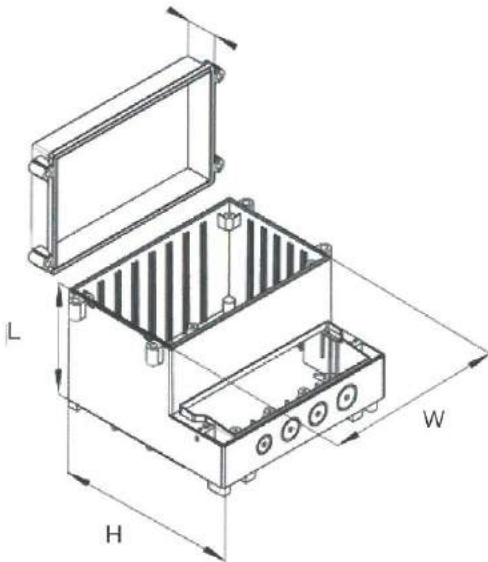
- Moulded in high quality ABS
- Suitable for high temperatures
- Protects controls and components indoors or outdoors
- Fastening pillars and guide grooves for Vertical and horizontal PCB mounting
- DIN Rail mountable
- EPDM gasket for IP65 seal pre-installed
- Available in five sizes

### SPECIFICATION

Materials	Lid & base ABS, UL94-HB
Operating temperature	Heat resistant up to 80°C
Ingress protection class	IP65
Standard colours	Light grey, similar to RAL 7035
Standard unit includes	Box, lid, fixing screws and neoprene gasket



PART NO.	LENGTH	WIDTH	HEIGHT
CHD774001	93mm	166mm	161mm
CHD774002	121mm	166mm	161mm
CHD774003	104.5mm	213mm	185mm
CHD774004	132.5mm	256mm	217mm
CHD774005	158mm	296mm	281mm



### Wall Mounting Kit

PART NO.	DESCRIPTION
CHD7700MK	Mounting Brackets



UNIVERSAL ENCLOSURES

HAND HELD CASES

HEAVY DUTY ENCLOSURES

DIN RAIL ENCLOSURES

INTERFACE SUPPORTS

ELECTRICAL ENCLOSURES

DIECAST & METAL ENCLOSURES

DESKTOP & INSTRUMENT CASES

MULTI-PURPOSE & POTTING BOXES

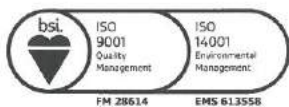
19" ENCLOSURES

19" CABINETS

DEVELOPMENT BOARD ENCLOSURES

CUSTOM SIZED ENCLOSURES

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# HEAVY DUTY ENCLOSURES

## 91 Series IP67 Low Profile Cases

UNIVERSAL ENCLOSURES

Beautifully designed low profile IP67 waterproof enclosures, ideal for tracking/monitoring in harsh environments.

HAND HELD CASES

- IP67 rated, perfect for outdoor applications
- White enclosures made from ASA UL94-HB plastic for high ultraviolet resistance
- Dark Grey enclosures made from ABS UL94-V0 plastic for high flammability rating
- Wall mount holes behind hinged caps for superior aesthetic finish
- Mounting kit accessory for easy mounting to poles, pillars, posts and lamp posts

HEAVY DUTY ENCLOSURES

DIN RAIL ENCLOSURES

INTERFACE SUPPORTS

CONTROL STATIONS

DIECAST & METAL ENCLOSURES

DESKTOP & INSTRUMENT CASES

MULTI-PURPOSE & POTTING BOXES

19" ENCLOSURES

19" CABINETS

DEVELOPMENT BOARD ENCLOSURES

CUSTOM SIZED ENCLOSURES

FSPT/CUSTOM SERVICES

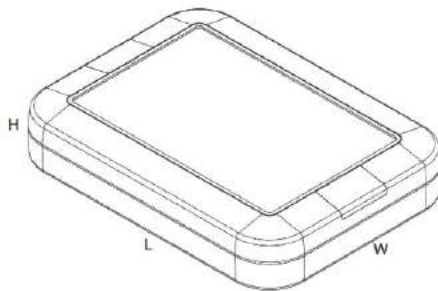
### SPECIFICATION

Material:	
Dark grey	Base & lid ABS UL94-V0
White grey	Base & lid ASA UL94-HB
Operating temperature	-10°C to +60°C
Standard colours	Dark grey or white grey
Standard unit includes	Lid, base, gasket & fixing screws

**TAKACHI**



DARK GREY	WHITE GREY	LENGTH	WIDTH	HEIGHT
CHD91E1DG	CHD91E1WG	130	90	25
CHD91E2DG	CHD91E2WG	130	90	40
CHD91E3DG	CHD91E3WG	100	100	25
CHD91E4DG	CHD91E4WG	100	100	40
CHD91E5DG	CHD91E5WG	150	110	27
CHD91E6DG	CHD91E6WG	150	110	40



### Rubber Feet

PART NO.	LENGTH	WIDTH	HEIGHT
CHD91FEET	10	10	7.5



### Pole Mount Kit

PART NO.	LENGTH	WIDTH	HEIGHT	DESCRIPTION
CHD91PMDG	28	18	12	Pole mount kit, dark grey
CHD91PMWG	28	18	12	Pole mount kit, white grey

# DIN RAIL ENCLOSURES

## DIN RAIL STANDARD HEIGHT MODULE BOXES

Standard Open Top, Single Row Terminals	p49
Standard Open Top, Two Row Terminals	p49
Solid Top	p49
Vented Sides	p49
Extended Walls	p49

## TERMINAL GUARDS

Solid	p50
5.08mm Pitch Perforated	p50
5.08mm Pitch Pre-Drilled	p50
7.5mm Pitch Pre-Drilled	p50
10.16mm Pitch Pre-Drilled	p50

## PANELS/COVERS

Standard Covers	p51
Curved Covers	p51
Curved Hinged Covers	p51
Extended Height Modules	p51

## ENCLOSURE KITS

p51



INTERFACE SUPPORTS

ELECTRICAL ENCLOSURES

DIECAST & METAL ENCLOSURES

DESKTOP & INSTRUMENT CASES

MULTI-PURPOSE & POTTING BOXES

19" ENCLOSURES

19" CABINETS

DEVELOPMENT BOARD ENCLOSURES

CUSTOM SIZED ENCLOSURES

CUSTOM SERVICES



UNIVERSAL ENCLOSURES

HAND HELD CASES

HEAVY DUTY ENCLOSURES

DIN RAIL ENCLOSURES

INTERFACE SUPPORTS

ELECTRICAL ENCLOSURES

DIECAST & METAL ENCLOSURES

DESKTOP & INSTRUMENT CASES

MULTI-PURPOSE & POTTING BOXES

19" ENCLOSURES

19" CABINETS

DEVELOPMENT BOARD ENCLOSURES

CUSTOM SIZED ENCLOSURES

FSPT/CUSTOM SERVICES

ACTIVE CNMB DIN RAIL ENCLOSURE

p52



Active Connector

p53



Active Cover

p53



Active Track

p53



Active Ends

p53



Active Track Kits

p53



EXTENDABLE MODULE BOXES

p54



VERTICAL DIN RAIL ENCLOSURES

p55



CVB-PLUS, DIN RAIL ENCLOSURES

p56



PCB TERMINAL BLOCKS FOR CVB-PLUS

p57



DIN RAIL INSTRUMENT ENCLOSURES

p58



CONTROLS HOUSING (DIN RAIL MOUNTING)

p59



DIN RAIL MOUNT BRACKET

p59



DIN RAIL ADAPTOR

p59



# DIN RAIL ENCLOSURES

## DIN Rail Standard Height Module Boxes

- Snap fit modular design for ease of assembly and custom kitting
- Base fits 35mm DIN rail or directly to flat surface
- Moulded in light grey UL94-V0 flame retardant polycarbonate
- Carries up to 3 PCBs horizontally or 2 vertically
- Snap fit terminal cover options for IP20 finger protection
- Snap in covers available in grey, clear, transparent red and smoked
- Standard enclosure consists of base, top and rail/wall clips
- Open top as standard, solid top, vented and extended wall options available
- Covers and terminal guards ordered separately and can be supplied in kits
- Easily customised covers and terminal guards
- The Clear, Smoked and Red covers are moulded in PC UL94-HB
- Grey covers are PC UL94-V0
- Enclosed base offers isolation from DIN rail
- Front panel ideal for screen printing and recessed solid top for labels and membranes
- Other colours and EMC shielding available to order
- Screws to mount base

CNMB



	BOX LENGTH	HORIZONTAL PCB SIZES			VERTICAL PCB SIZES		PCB FIXING BOSS	
		A	B	C	D	E	X	Y
CNMB/1-	17.5mm	86.5x14mm	57x14mm	41.8x14mm	34x59.6mm	40x14.8mm	6.2mm	18.3mm
CNMB/2-	36mm	86.5x33mm	57x32mm	42x32mm	34x59.6mm	40x33mm	6.2mm	18.3mm
CNMB/3-	53mm	86.5x50mm	57x49mm	42x49mm	34x59.6mm	40x50mm	8.8mm	18.3mm
CNMB/4-	71mm	86.5x68mm	57x67mm	42x67mm	34x59.6mm	40x68mm	8.8mm	18.3mm
CNMB/5-	88mm	86.5x84mm	57x83mm	42x83mm	34x59.6mm	40x84mm	8.8mm	18.3mm
CNMB/6-	106mm	86.5x103mm	57x102mm	42x102mm	34x59.6mm	40x103mm	8.9mm	18.3mm
CNMB/9-	159mm	86.5x156mm	57x155.5mm	42x155mm	34x59.6mm	40x155mm	8.9mm	18.3mm
CNMB/12-	212mm	86.5x208mm	57x207mm	42x207mm	34x59.6mm	40x208mm	8.9mm	18.3mm

For double row terminals covers both sides, add /2 to type No. (e.g. CNMB/3/2)

For single row terminals cover one side only, add /1 to type No. (e.g. CNMB/3/1)

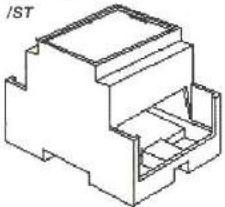
Box supplied with open top as standard

For solid recessed top used for membrane keypads or clear covers to enclose labels, add /ST to type No. (e.g. CNMB/3ST/2)

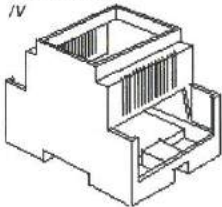
For cooling vents both sides add /V to type No. (e.g. CNMB/3/V/2)

For extended side walls which meet the lower PCB behind terminals, add /W to type No. (e.g. CNMB/3W/2)

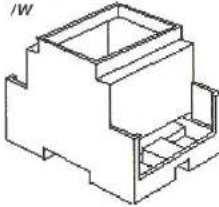
Solid Top  
/ST



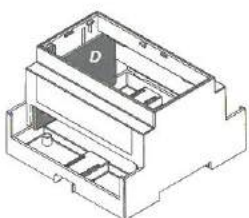
Vented Sides  
/V



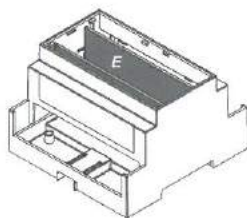
Extended Walls  
/W



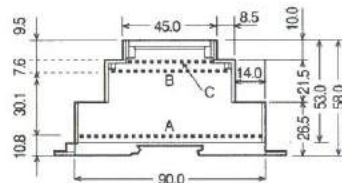
Vertical PCB Positions



Horizontal PCB Positions



Horizontal PCB Sizes





# DIN RAIL ENCLOSURES

UNIVERSAL ENCLOSURES

HAND HELD CASES

HEAVY DUTY ENCLOSURES

**DIN RAIL ENCLOSURES**

INTERFACE SUPPORTS

ELECTRICAL ENCLOSURES

DIECAST & METAL ENCLOSURES

DESKTOP & INSTRUMENT CASES

MULTI-PURPOSE & POTTING BOXES

19" ENCLOSURES

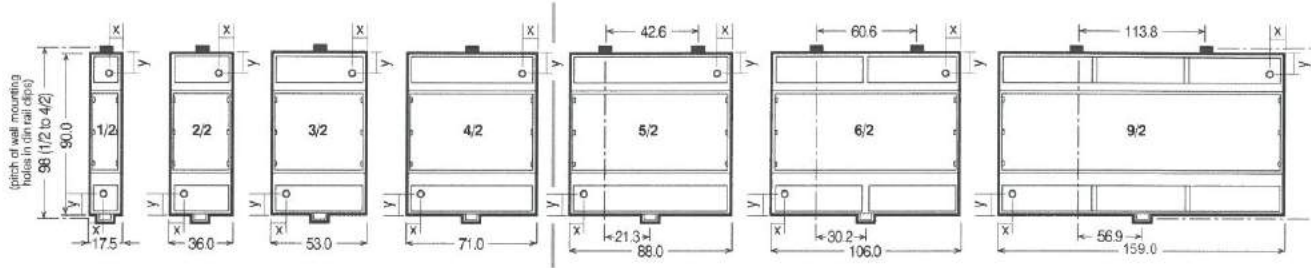
19" CABINETS

DEVELOPMENT BOARD ENCLOSURES

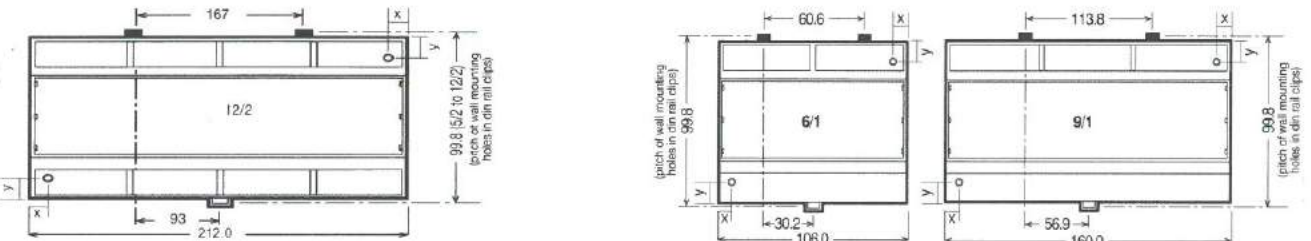
CUSTOM SIZED ENCLOSURES

FSPT/CUSTOM SERVICES

## Double Row Terminals/ covers both sides



## Single Row Terminals/ covers on one side



## Terminal Guards Solid

TYPE NO.	STYLE	A	D	E
CNMB/1/TGS	Solid	17.5mm	15.0mm	14.3mm
CNMB/2/TGS	Solid	35.5mm	29.9mm	13.8mm
CNMB/3/TGS	Solid	52.8mm	45.5mm	13.8mm
CNMB/4/TGS	Solid	70.6mm	59.9mm	13.8mm
CNMB/5/TGS	Solid	87.6mm	79.5mm	13.8mm

\*For 6, 9 & 12 Size Module Use CNMB/3TGS

## 5.08mm pitch perforated

TYPE NO.	STYLE	A	D	E
CNMB/1/TG508P	Solid	17.5mm	15.0mm	14.3mm
CNMB/2/TG508P	Solid	35.5mm	29.9mm	13.8mm
CNMB/3/TG508P	Solid	52.8mm	45.5mm	13.8mm
CNMB/4/TG508P	Solid	70.6mm	59.9mm	13.8mm
CNMB/5/TG508P	Solid	87.6mm	79.5mm	13.8mm

\*For 6, 9 & 12 Size Module Use CNMB/3TG508P

## 5.08mm pitch pre-drilled

TYPE NO.	STYLE	POLES	A	B	C	D	E
CNMB/1/TG508	Pre-Drilled	3	17.5mm	1.0mm	1.0mm	15.0mm	14.3mm
CNMB/2/TG508	Pre-Drilled	5	35.5mm	1.0mm	1.0mm	29.9mm	13.8mm
CNMB/3/TG508	Pre-Drilled	9	52.8mm	1.0mm	1.0mm	45.5mm	13.8mm
CNMB/4/TG508	Pre-Drilled	12	70.6mm	2.7mm	2.7mm	59.9mm	13.8mm
CNMB/5/TG508	Pre-Drilled	15	87.6mm	2.7mm	2.7mm	79.5mm	13.8mm

For 6, 9 & 12 Size Module Use CNMB/3/TG508

## 7.5mm pitch pre-drilled

TYPE NO.	STYLE	POLES	A	B	C	D	E
CNMB/1/TG750	Pre-Drilled	2	17.5mm	1.0mm	1.0mm	15.0mm	14.3mm
CNMB/2/TG750	Pre-Drilled	4	35.5mm	1.0mm	1.0mm	29.9mm	13.8mm
CNMB/3/TG750	Pre-Drilled	6	52.8mm	1.0mm	1.0mm	45.5mm	13.8mm
CNMB/4/TG750	Pre-Drilled	8	70.6mm	2.7mm	2.7mm	59.9mm	13.8mm
CNMB/5/TG750	Pre-Drilled	10	87.6mm	2.7mm	2.7mm	79.5mm	13.8mm

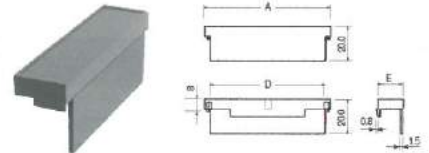
For 6, 9 & 12 Size Module Use CNMB/3/TG750

## 10.16mm pitch pre-drilled

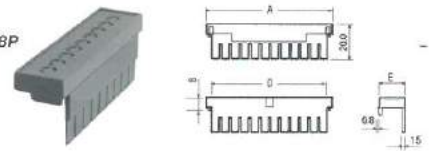
TYPE NO.	STYLE	POLES	A	B	C	D	E
CNMB/1/TG100	Pre-Drilled	2	17.5mm	1.0mm	1.0mm	15.0mm	14.3mm
CNMB/2/TG100	Pre-Drilled	3	35.5mm	1.0mm	1.0mm	29.9mm	13.8mm
CNMB/3/TG100	Pre-Drilled	5	52.8mm	1.0mm	1.0mm	45.5mm	13.8mm
CNMB/4/TG100	Pre-Drilled	6	70.6mm	2.7mm	2.7mm	59.9mm	13.8mm
CNMB/5/TG100	Pre-Drilled	7	87.6mm	2.7mm	2.7mm	79.5mm	13.8mm

For 6, 9 & 12 Size Module use CNMB/3/TG100

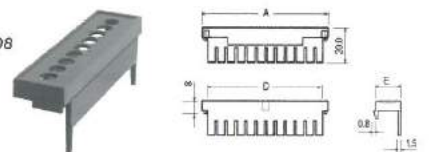
CNMB/ TGS



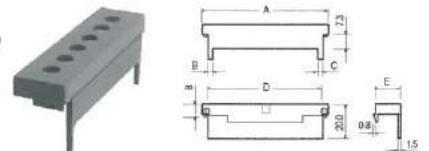
CNMB/ TG508P



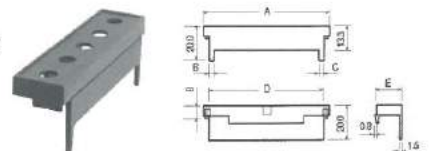
CNMB/ /TG508



CNMB/TG750



CNMB/TG100



# DIN RAIL ENCLOSURES

## Standard Covers



RED TRANSPARENT	SMOKED TRANSPARENT	CLEAR TRANSPARENT	GREY	SIZE
CNMB/1/PR	CNMB/1/PS	CNMB/1/PC	CNMB/1/PG	1
CNMB/2/PR	CNMB/2/PS	CNMB/2/PC	CNMB/2/PG	2
CNMB/3/PR	CNMB/3/PS	CNMB/3/PC	CNMB/3/PG	3
CNMB/4/PR	CNMB/4/PS	CNMB/4/PC	CNMB/4/PG	4
CNMB/5/PR	CNMB/5/PS	CNMB/5/PC	CNMB/5/PG	5
CNMB/6/PR	CNMB/6/PS	CNMB/6/PC	CNMB/6/PG	6
CNMB/9/PR	CNMB/9/PS	CNMB/9/PC	CNMB/9/PG	9
CNMB/12/PR	CNMB/12/PS	CNMB/12/PC	CNMB/12/PG	12

## Curved Covers



RED TRANSPARENT	SMOKED TRANSPARENT	CLEAR TRANSPARENT	GREY	SIZE
CNMB/1/PRC	CNMB/1/PSC	CNMB/1/PCC	CNMB/1/PGC	1
CNMB/2/PRC	CNMB/2/PSC	CNMB/2/PCC	CNMB/2/PGC	2
CNMB/3/PRC	CNMB/3/PSC	CNMB/3/PCC	CNMB/3/PGC	3
CNMB/4/PRC	CNMB/4/PSC	CNMB/4/PCC	CNMB/4/PGC	4
CNMB/5/PRC	CNMB/5/PSC	CNMB/5/PCC	CNMB/5/PGC	5
CNMB/6/PRC	CNMB/6/PSC	CNMB/6/PCC	CNMB/6/PGC	6
CNMB/9/PRC	CNMB/9/PSC	CNMB/9/PCC	CNMB/9/PGC	9

## Curved Hinged Covers

- For use with extended module only



RED TRANSPARENT	CLEAR TRANSPARENT	GREY	SIZE
CNMB/2/HPRC	CNMB/2/HPC	CNMB/2/HPGC	2
CNMB/3/HPRC	CNMB/3/HPC	CNMB/3/HPGC	3
CNMB/4/HPRC	CNMB/4/HPC	CNMB/4/HPGC	4
CNMB/5/HPRC	CNMB/5/HPC	CNMB/5/HPGC	5
CNMB/6/HPRC	CNMB/6/HPC	CNMB/6/HPGC	6
CNMB/9/HPRC	CNMB/9/HPC	CNMB/9/HPGC	9

## Extended Height Modules

- 16mm high
- Accepts hinged, curved lid
- Adds an additional horizontal PCB slot



TYPE NO.	WIDTH	SIZE
CNMB/2/E	34.7mm	2
CNMB/3/E	52.0mm	3
CNMB/4/E	70.0mm	4
CNMB/5/E	86.5mm	5
CNMB/6/E	104.5mm	6
CNMB/9/E	157.7mm	9

## Enclosure Kits

- Each kit contains one grey panel cover and a selection of solid and perforated terminal guards
- Kits of the most frequently used components are available to order



KIT	COMPONENT KIT PART NO.	COVER /PG	TERMINAL /TG508P	GUARD /TGS	EXTENSION MODULE		
					/E	/E	
STANDARD	CNMB/1/KIT	1	2	1	-	-	
	CNMB/2/KIT	1	2	1	-	-	
	CNMB/3/KIT	1	2	1	-	-	
	CNMB/4/KIT	1	2	1	-	-	
	CNMB/5/KIT	1	2	1	-	-	
	CNMB/6/KIT	1	4*	2*	-	-	
	CNMB/9/KIT	1	6*	3*	-	-	
EXTENDED HEIGHT	CNMB/12/KIT	1	8*	4*	-	-	
	/HPCC						
	CNMB/1E/KIT	1	2	1	1	1	
	CNMB/2E/KIT	1	2	1	1	1	
	CNMB/3E/KIT	1	2	1	1	1	
	CNMB/4E/KIT	1	2	1	1	1	
	CNMB/5E/KIT	1	2	1	1	1	
CNMB/6E/KIT	1	4*	2*	1	1		
CNMB/9E/KIT	1	6*	3*	1	1		
CNMB/12E/KIT	1	8*	4*	1	1		

\* For size 6, 9 and 12, multiple 'size 3' terminal guards are supplied. For example size 6 requires 2x 'size 3' guards per side. Kits are also available for vented, solid top and extended wall bodies e.g. CNMB/2ST/KIT. Where a box has only one open side (e.g. CNMB/5/1) no solid terminal guards are supplied.

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HAND HELD CASES

HEAVY DUTY ENCLOSURES

DIN RAIL ENCLOSURES

INTERFACE SUPPORTS

ELECTRICAL ENCLOSURES

DIECAST & METAL ENCLOSURES

DESKTOP & INSTRUMENT CASES

MULTI-PURPOSE & POTTING BOXES

19" ENCLOSURES

19" CABINETS

DEVELOPMENT BOARD ENCLOSURES

CUSTOM SIZED ENCLOSURES

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# DIN RAIL ENCLOSURES

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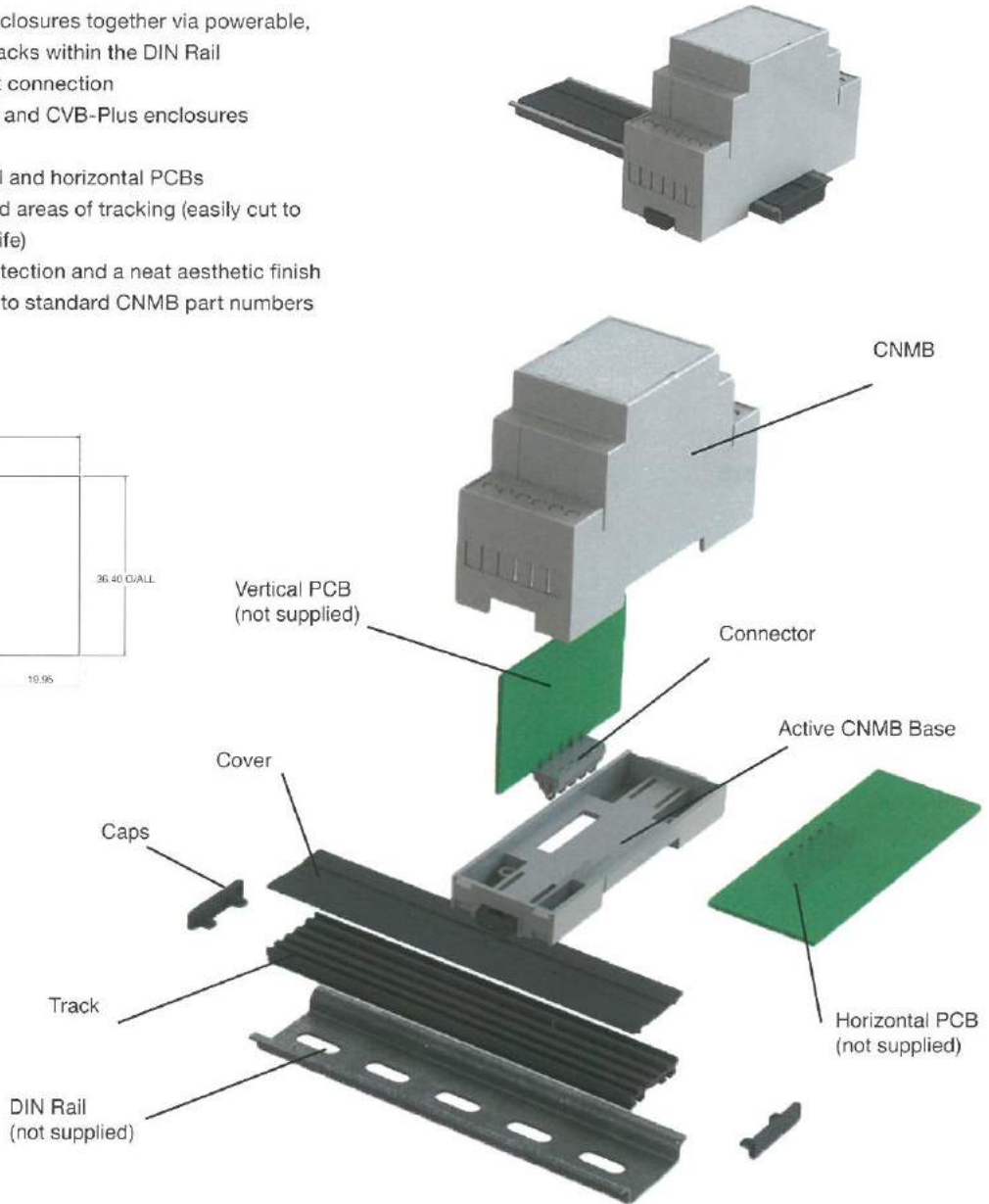
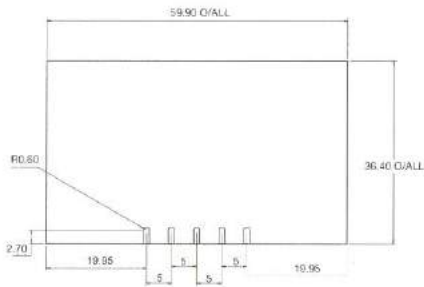
DEVELOPMENT BOARD ENCLOSURES

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## ACTIVE CNMB DIN Rail Enclosure

- Connect multiple DIN Rail Enclosures together via powerable, user configurable "Active" tracks within the DIN Rail
- Quick and easy push contact connection
- Available for all CNMB, CDIB and CVB-Plus enclosures
- 5mm pitch
- Compatible with both vertical and horizontal PCBs
- Plastic Covers protect unused areas of tracking (easily cut to size with scissors or craft knife)
- End Caps provide further protection and a neat aesthetic finish
- To order parts add "/ACTIVE" to standard CNMB part numbers



### Kits

Kit includes, CNMB with ACTIVE base, grey cover, perforated and plain terminal guards and ACTIVE connector. Track and cover ordered separately, or track sets available as a kit.

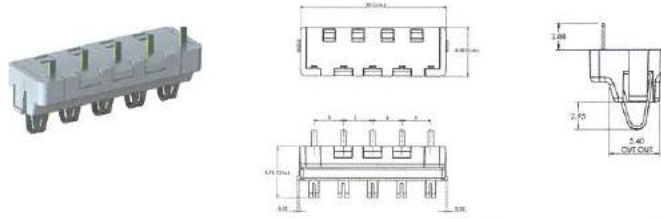
CNMB ACTIVE KIT	COVER			CONNECTOR
	/PG	/TG508P	/TGS	
CNMB/1/KIT/ACTIVE	1	2	1	1
CNMB/2/KIT/ACTIVE	1	2	1	1
CNMB/3/KIT/ACTIVE	1	2	1	1
CNMB/4/KIT/ACTIVE	1	2	1	1
CNMB/5/KIT/ACTIVE	1	2	1	1
CNMB/6/KIT/ACTIVE	1	4"	2"	1
CNMB/9/KIT/ACTIVE	1	6"	3"	1
CNMB/12/KIT/ACTIVE	1	8"	4"	1

# DIN RAIL ENCLOSURES

## ACTIVE DIN Rail Enclosure

### Active Connector

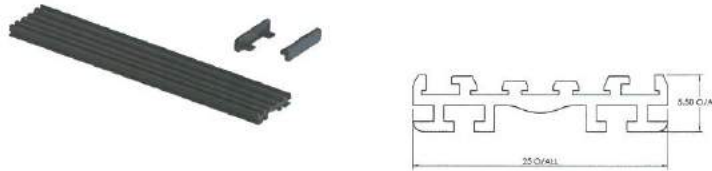
- Plastic Connector manufactured from Light Grey RAL 7035 PC UL94-V0
- Contacts manufactured from gold plated copper
- Contacts on 5mm pitch



PART NO:	DESCRIPTION
CBACTCONN	(X1) CONNECTOR WITH GOLD PLATED CONTACTS

### Active Track (inc x1 set of ends)

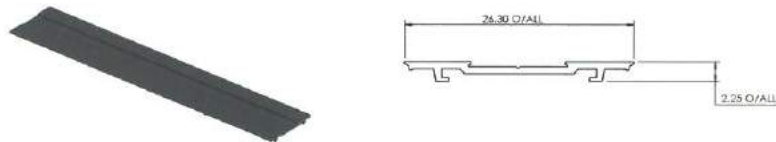
- Plastic Extrusion manufactured from Black PVC UL94-V0
- 5 Active Tracks mounted on extrusion
- Voltage up to 63V, current up to 5A for each individual track
- Contact Tracks manufactured from tin plated copper
- Available in 250mm and 500mm lengths



PART NO:	DESCRIPTION
CBACTT250	250MM ACTIVE TRACK (INC X1 SET OF END CAPS)
CBACTT500	500MM ACTIVE TRACK (INC X1 SET OF END CAPS)

### Active Cover

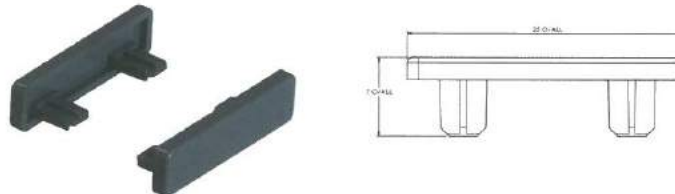
- Plastic Cover manufactured from black PVC UL94-V0
- Available in 250mm and 500m lengths



PART NO:	DESCRIPTION
CBACTC250	250MM ACTIVE COVER
CBACTC500	500MM ACTIVE COVER

### Active Ends (x1 set supplied with track)

- Plastic End Caps manufactured from Black PVC UL94-V0



PART NO:	DESCRIPTION
CBACTCAPS	(X1) SET OF END CAPS

### Active Track Kits

PART NO:	DESCRIPTION
CBACTT250/KIT	250MM ACTIVE TRACK KIT
CBACTT500/KIT	500MM ACTIVE TRACK KIT

Includes:

- 1x Active Track
- 1x Active Cover
- 2x Active Ends

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INTERFACE SUPPORTS

ELECTRICAL ENCLOSURES

DIECAST & METAL ENCLOSURES

DESKTOP & INSTRUMENT CASES

MULTI-PURPOSE & POTTING BOXES

19" ENCLOSURES

19" CABINETS

DEVELOPMENT BOARD ENCLOSURES

CUSTOM SIZED ENCLOSURES

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# DIN RAIL ENCLOSURES

## Extendable Module Boxes

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HEAVY DUTY ENCLOSURES

**DIN RAIL ENCLOSURES**

INTERFACE SUPPORTS

ELECTRICAL ENCLOSURES

DIECAST & METAL ENCLOSURES

DESKTOP & INSTRUMENT CASES

MULTI-PURPOSE & POTTING BOXES

19" ENCLOSURES

19" CABINETS

DEVELOPMENT BOARD ENCLOSURES

CUSTOM SIZED ENCLOSURES

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- 17.5mm width module enclosure, extendable enclosure has a detachable end plate
- Extension piece is sideless
- Each module, has 8 removable screw terminals
- Top hat 35mm DIN rail or surface mounting
- Moulded in flame retardant UL94-V0
- *DIN Rail Clips are not supplied with CMEB/E*
- Additional black clips are available on request

### SPECIFICATION

Rating terminals	8A/250VAC
Cable entry	2x2.5mm <sup>2</sup> Solid or Standard
Terminal protection	IP20

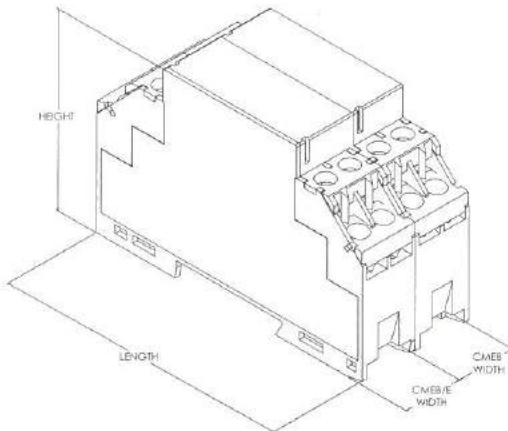
CMEB



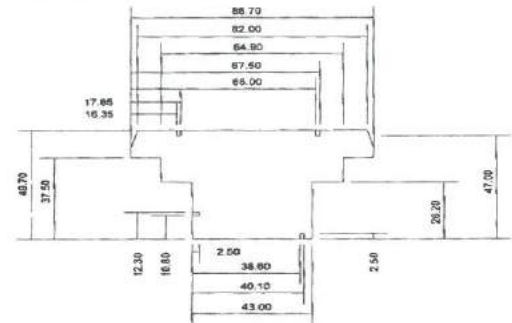
CMEB/E



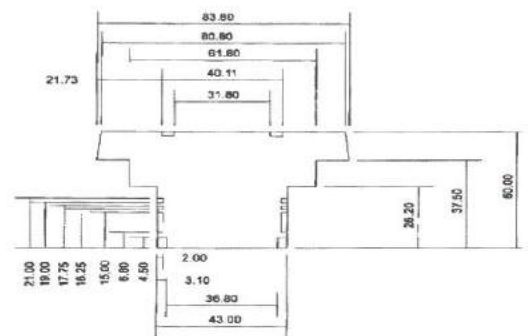
TYPE NO.	LENGTH	WIDTH	HEIGHT	DESCRIPTION
CMEB	90mm	17.5mm	59mm	17.5mm module box
CMEB/E	90mm	17.5mm	59mm	Extension



CMEB max PCB Dimensions



CMEB/E max PCB Dimensions

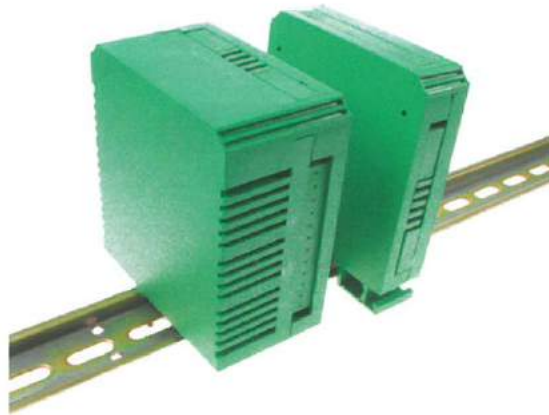


# DIN RAIL ENCLOSURES

## Vertical DIN Rail Enclosures

- Designed for 5mm pitch terminal blocks
- Two sizes, 22.5mm or 45mm wide
- Solid & perforated plates to cover unused terminal areas
- Three sides accept 12-way terminal blocks each side
- Complete box contains one 12-way closed, three 4-way closed & three 4-way perforated plates

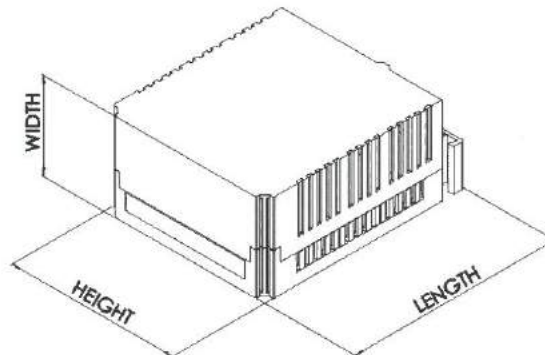
CVB



### SPECIFICATION

Rating terminals	8A/250VAC
Cable entry	2x2.5mm <sup>2</sup> solid or standard
Terminal protection	IP20
Material	PA66 UL94-V0

TYPE NO.	DESCRIPTION	SIZE
CVB225/KIT	Complete plastic box	22.5x82x101.75mm
CVB450/KIT	Complete plastic box	45x82x101.75mm
CVBPF4	4 way perforated	CVB vent plate
CVBPP4	4 way closed plate	CVB blind plate
CVBPP12	12 way closed plate	CVB blind plate long
CVBMSC	Prototyping board	



UNIVERSAL ENCLOSURES

HAND HELD CASES

HEAVY DUTY ENCLOSURES

DIN RAIL ENCLOSURES

INTERFACE SUPPORTS

ELECTRICAL ENCLOSURES

DIECAST & METAL ENCLOSURES

DESKTOP & INSTRUMENT CASES

MULTI-PURPOSE & POTTING BOXES

19" ENCLOSURES

19" CABINETS

DEVELOPMENT BOARD ENCLOSURES

CUSTOM SIZED ENCLOSURES

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# DIN RAIL ENCLOSURES

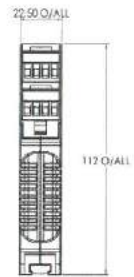
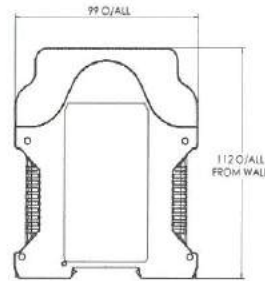
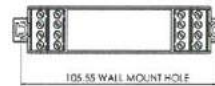
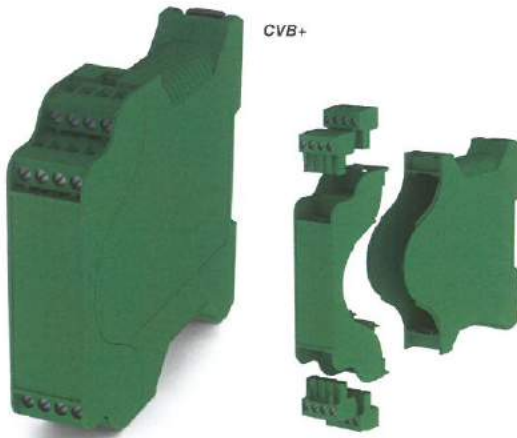
## CVB-PLUS Series

- 22.5mm wide Vertical DIN Rail Mount Housing
- Clip together design for fast assembly
- Supplied with four 4-pole 5mm pitch pluggable terminal blocks
- 16 positions
- Moulded in UL94-V0, PA66
- Front and side label recesses
- Solid and vented versions available
- Top Hat 35mm DIN Rail or Surface Mounting

### SPECIFICATION

Rating terminals	15A 300V
Contact resistance	20mΩ
Insulation resistance	500mΩ/DC500V
Withstand voltage	AC2000V/1min
Materials: Pin header	Brass, tin plated
Housing	PA66, UL94-V0

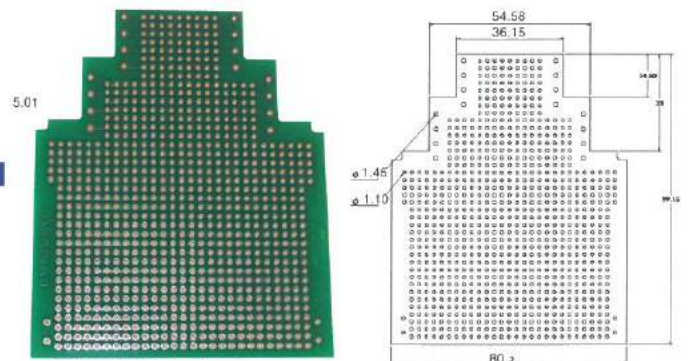
TYPE NO.	DESCRIPTION	SIZE
CVB-PLUS1	Solid sides	112mm x 22.5mm x 99mm
CVB-PLUS1V	Vented sides	112mm x 22.5mm x 99mm



## CVB-PLUS PCB

- Material: 2-layer FR4
- X826 1.3mm dia holes
- X16 1.5mm dia holes (reserved for Terminal Blocks)

TYPE NO.	DESCRIPTION	SIZE
CVB-PLUS-PCB	PCB	80mm x 99.2mm x 1.6mm



UNIVERSAL ENCLOSURES

HAND HELD CASES

HEAVY DUTY ENCLOSURES

DIN RAIL ENCLOSURES

INTERFACE SUPPORTS

ELECTRICAL ENCLOSURES

DIECAST & METAL ENCLOSURES

DESKTOP & INSTRUMENT CASES

MULTI-PURPOSE & POTTING BOXES

19" ENCLOSURES

19" CABINETS

DEVELOPMENT BOARD ENCLOSURES

CUSTOM SIZED ENCLOSURES

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# DIN RAIL ENCLOSURES

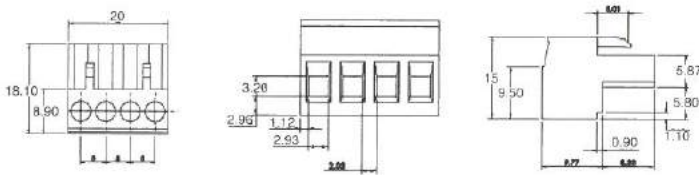
## PCB Terminal Blocks for CVB-PLUS

- 2-12 pole solid block
- Pluggable male-female connectors
- Open & closed headers
- Horizontal & vertical female plug styles
- Polarised mouldings
- Moulded in green UL94-V0 flame retardant PA66
- Professional rising clamp terminals
- 1.5mm<sup>2</sup> (28-14AWG) solid & stranded cable
- Anti solder wicking
- Captive screws
- Guided pin alignment
-  vs &  approved

### SPECIFICATION

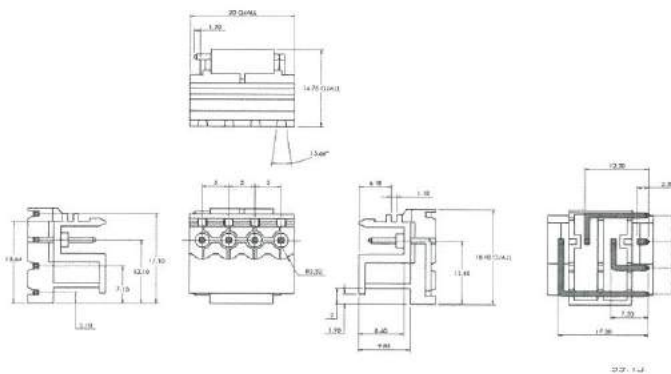
Rating terminals	15A 300V
Contact resistance	20mΩ
Insulation resistance	500mΩ/DC500V
Withstand voltage	AC2000V/1min
Materials: Pin header	Brass, tin plated
Housing	PA66, UL94-V0

CVBP9200/4

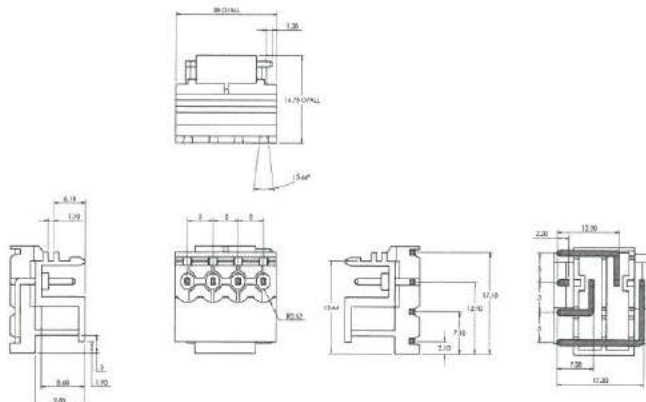


- Pluggable male
- Open headers
- Horizontal & vertical female plug styles
- Polarised mouldings
- Moulded in green UL94-V0 flame retardant PA66

CVBP935L



CVBP935R/4



UNIVERSAL ENCLOSURES

HAND HELD CASES

HEAVY DUTY ENCLOSURES

DIN RAIL ENCLOSURES

INTERFACE SUPPORTS

ELECTRICAL ENCLOSURES

DIECAST & METAL ENCLOSURES

DESKTOP & INSTRUMENT CASES

MULTI-PURPOSE & POTTING BOXES

19" ENCLOSURES

19" CABINETS

DEVELOPMENT BOARD ENCLOSURES

CUSTOM SIZED ENCLOSURES

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# DIN RAIL ENCLOSURES

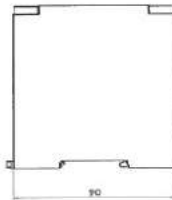
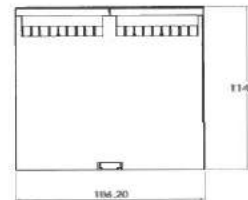
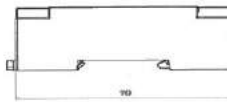
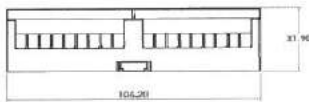
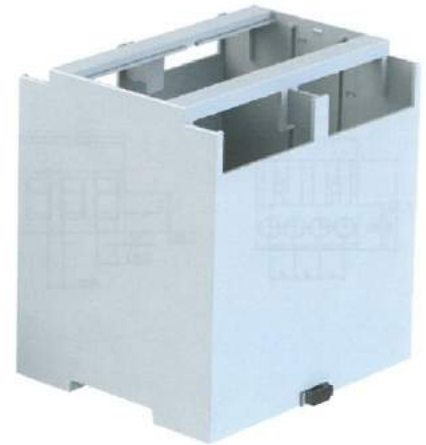
## DIN Rail Instrument Enclosures

Low Profile and Deep Profile DIN Rail Mount Instrument Boxes

- Designed for 35mm DIN Rail Mounting
- DIN Clips can also be used for surface mounting the housing
- Multiple snap-in PCB positions available (horizontal & vertical)
- X2 pillars in the base for screw fixing PCB
- Snap-fit Top Covers (See CNMB)
- Snap-fit Terminal Guards (See CNMB)
- Open Top and Solid Top versions available
- Low Profile and Deep Profile variants
- Enclosure base gives isolation from DIN Rail
- Customisation options include cutouts, holes & vents
- Surfaces, Covers and Terminal guards easily customised and printed
- Moulded in UL94-V0 Polycarbonate

### SPECIFICATION

Material	Base & body- UL94-V0, Polycarbonate Clips- POM
Standard colours	RAL 7035
Standard unit includes	Body, base & clips
Accessories	Terminal guards & covers (see CNMB)



PART NO.	DESCRIPTION
CDIB/6/L2	CDIB, Size 6, Low profile, Open top, Open sides
CDIB/6ST/L2	CDIB, Size 6, Low Profile, Solid top, Open sides
CDIB/6/D2	CDIB, Size 6, Deep Profile, Open top, Open sides
CDIB/6ST/D2	CDIB, Size 6, Deep Profile, Solid top, Open sides

### Kits

- Each kit contains one grey panel cover and a selection of solid and perforated terminal guards.



COMPONENT KIT PART NO.	BODY	BASE	COVER /PG	TERMINAL /TG508P	GUARD /TGS
CDIB/6/L2/KIT	1	1	1	4	2
CDIB/6/D2/KIT	1	1	1	4	2
CDIB/6ST/D2/KIT	1	1	0	4	2
CDIB/6ST/L2/KIT	1	1	0	4	2

UNIVERSAL ENCLOSURES

HAND HELD CASES

HEAVY DUTY ENCLOSURES

DIN RAIL ENCLOSURES

INTERFACE SUPPORTS

ELECTRICAL ENCLOSURES

DIECAST & METAL ENCLOSURES

DESKTOP & INSTRUMENT CASES

MULTI-PURPOSE & POTTING BOXES

19" ENCLOSURES

19" CABINETS

DEVELOPMENT BOARD ENCLOSURES

CUSTOM SIZED ENCLOSURES

FSPT/CUSTOM SERVICES

# DIN RAIL ENCLOSURES

## Controls Housing (DIN Rail mounting)

- 12 terminal positions
- Internal PCB guides
- Snap fit DIN Rail mounting fixtures
- Moulded in grey flame retardant UL94-V0 PC
- Removable top cover
- Integral marker plate
- For G-rail mounting adaptors are available
- Terminals have PCB pins to minimize internal wiring

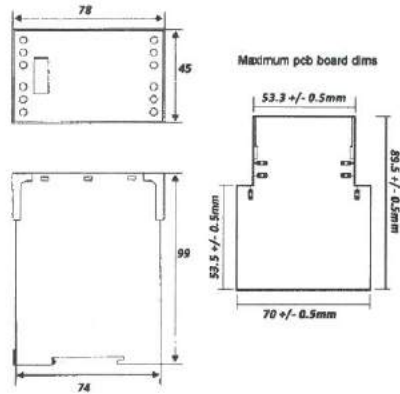
CCH12



TYPE NO.	DESCRIPTION
CCH12	12 terminal controls housing

### SPECIFICATION

Rating	250VAC	10A
Cable entry	Solid	2x2.5 mm <sup>2</sup>
	Stranded	2x1.5mm <sup>2</sup>



## DIN Rail Mount Bracket

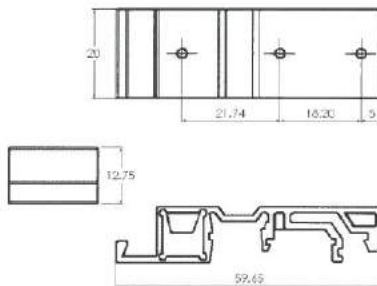
DIN Rail Mount Bracket enables enclosures to be DIN Rail Mounted

- Screws included allow the DIN Rail Mount Bracket to be fastened to the enclosures surface.
- Two clearance holes will need to be drilled into the enclosure
- The DIN Rail Mount bracket is designed for Standard Top Hat 35mm DIN Rail, Mini Top Hat 15mm Rail and G Section 32mm Rail
- For wide enclosures it is recommended to use 2x Brackets



### SPECIFICATION

Material	UL94-V0, PA66
Operating temperature	-20°C to +85°C
Colour	Black rail 9005
Standard unit includes	1x DIN Rail mount bracket, 2x screws



TYPE NO.	DESCRIPTION
CDR-BRACKET	DIN Rail Mount Bracket

## DIN Rail Adaptor

A one piece adaptor to adapt relay bases and enclosures to G-Rail and mini DIN Rails

- Snap fit Din Rail mounting fixtures
- Moulded in Flame retardant UL94-V0
- Symmetrical (35mm)
- Asymmetrical (G-rail)
- Mini Symmetrical (15mm)

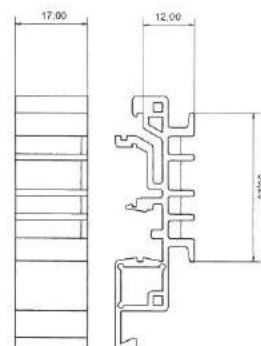
CDR/Adaptor



Mini Top Hat 15mm

Standard Top Hat 3:

G Section 32mm



TYPE NO.	DESCRIPTION
CDR/Adaptor	DIN Rail Adaptor

UNIVERSAL ENCLOSURES

HAND HELD CASES

HEAVY DUTY ENCLOSURES

DIN RAIL ENCLOSURES

INTERFACE SUPPORTS

ELECTRICAL ENCLOSURES

DIECAST & METAL ENCLOSURES

DESKTOP & INSTRUMENT CASES

MULTI-PURPOSE & POTTING BOXES

19" ENCLOSURES

19" CABINETS

DEVELOPMENT BOARD ENCLOSURES

CUSTOM SIZED ENCLOSURES

FSPT/CUSTOM SERVICES



UNIVERSAL  
ENCLOSURES

HAND  
HELD  
CASES

HEAVY  
DUTY  
ENCLOSURES

DIN  
RAIL  
ENCLOSURES

## INTERFACE SUPPORTS

ELECTRICAL  
ENCLOSURES

### EMPTY INTERFACE SUPPORTS

Mini Series 72mm Empty Modular Interface Supports  
Wall Mounting Plates p62  
p62

DIECAST  
& METAL  
ENCLOSURES

Mini Series 72mm Empty Extruded Interface Supports  
Complete Modules p63  
p63

DESKTOP &  
INSTRUMENT  
CASES

Euro Series 107mm Empty Modular Interface Supports  
Wall Mounting Plates p64  
p64

MULTI-PURPOSE  
& POTTING  
BOXES

Euro Series 107mm Empty Extruded Interface Supports  
Complete Modules p65  
p65

19"  
ENCLOSURES

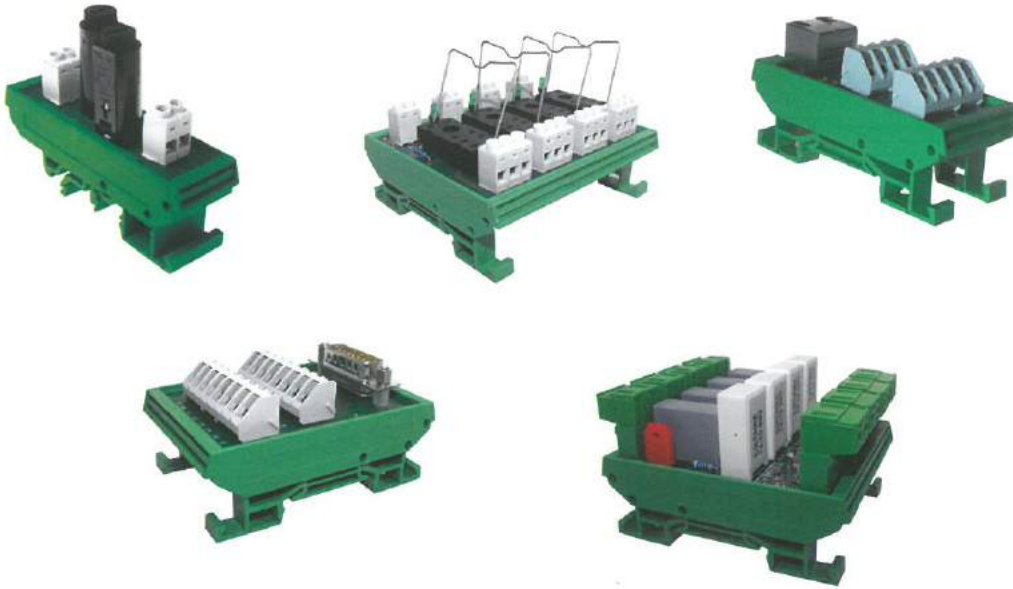
19"  
CABINETS

DEVELOPMENT  
BOARD  
ENCLOSURES

CUSTOM  
SIZED  
ENCLOSURES

FSPT/CUSTOM  
SERVICES





## INTERFACE MODULES

For a range of Relay, IDC and sub-miniature D socket, diode, fuse and opto-isolator interfacing modules, mounted within our Interface supports for DIN rail mounting, see Interface Modules and Supports section of our Components catalogue.

UNIVERSAL ENCLOSURES

HAND HELD CASES

HEAVY DUTY ENCLOSURES

DIN RAIL ENCLOSURES

INTERFACE SUPPORTS

ELECTRICAL ENCLOSURES

DIECAST & METAL ENCLOSURES

DESKTOP & INSTRUMENT CASES

MULTI-PURPOSE & POTTING BOXES

19" ENCLOSURES

19" CABINETS

DEVELOPMENT BOARD ENCLOSURES

CUSTOM SIZED ENCLOSURES

FSPT/CUSTOM SERVICES



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We operate a constant improvement policy, our products are subject to change without notice.

**CAMDENBOSS**  
 ELECTRONICS & ENCLOSURES



# INTERFACE SUPPORTS

## Mini Series 72mm Empty Modular Interface Supports

UNIVERSAL ENCLOSURES

HAND HELD CASES

HEAVY DUTY ENCLOSURES

DIN RAIL ENCLOSURES

INTERFACE SUPPORTS

ELECTRICAL ENCLOSURES

DIECAST & METAL ENCLOSURES

DESKTOP & INSTRUMENT CASES

MULTI-PURPOSE & POTTING BOXES

19" ENCLOSURES

19" CABINETS

DEVELOPMENT BOARD ENCLOSURES

CUSTOM SIZED ENCLOSURES

FSPT/CUSTOM SERVICES

- Suitable for 72mm width PCB's
- Modular Construction for easy assembly
- Snap fit DIN Rail mounting fixtures
- Moulded in green UL94-V0 flame retardant PA
- Wall mounting kit option
- Terminal blocks available in same colour
- Integral marker facility
- Registered Design No: 2106418®
- Available in different colours to order
- End section foot for top hat DIN Rail

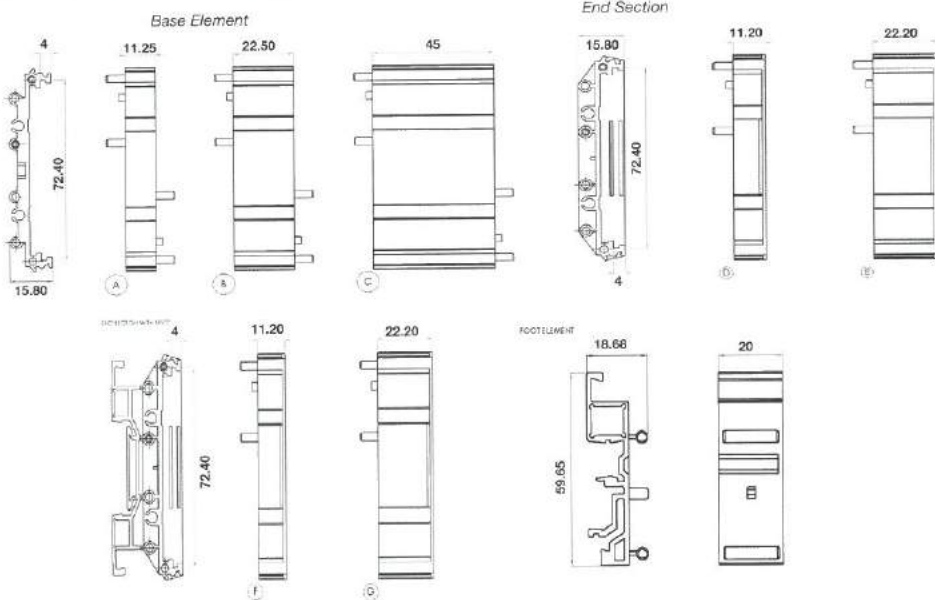
CIME/M



PCB LENGTH	BASE ELEMENTS			END SECTION		PART COUNT
	11.25mm	22.5mm	45.0mm	10mm	21.25mm	
20mm				2		2
31.25mm				1	1	2
42.5mm					2	2
53.75mm	1				2	3
65mm		1			2	3
76.25mm			1	1	1	3
87.5mm			1		2	3
98.75mm	1		1		2	4
110mm		1	1		2	4
121.25mm			2	1	1	4
132.5mm			2		2	4
143.75mm	1		2		2	5
155mm		1	2		2	5
166.25mm			3	1	1	5
177.5mm			3		2	5

The table above shows how, for a given PCB length, modules can be selected to make an interface support

TYPE NO.	DESCRIPTION	WIDTH
CIME/M/BE1125SS	Base element	11.25mm
CIME/M/BE2250SS	Base element	22.5mm
CIME/M/BE4500SS	Base element	45.0mm
CIME/M/SE1125SS	End Section	11.25mm
CIME/M/SE2250SS	End Section	22.5mm
CIME/M/SEF1125SS	End Section with foot	11.25mm
CIME/M/SEF2250SS	End Section with foot	22.5mm
CIME/M/FE0000SS	Foot element	



### Wall Mounting Plates

- Flush and raised surface mounting plates
- Press into sides of end section without tool
- Use foot element on long lengths with raised plates

TYPE NO	STYLE
CIME/M/MPF	Flush
CIME/M/MPR	Raised



# INTERFACE SUPPORTS

## Mini Series 72mm Empty Extruded Interface Supports

- Suitable for 72mm width PCB's
- Snap fit Din Rail mounting fixtures
- Available in pre-cut lengths up to 2 metres
- Terminal blocks available in same colour
- Base is moulded in PVC
- End caps and feet are moulded in green UL94-V0 flame retardant PA

CIME/M/E



TYPE NO.	DESCRIPTION
CIME/M/BE2000E	2m extruded base element
CIME/M/EC0000E	End cover
CIME/M/SCREWE	Fixing screws for end covers
CIME/M/FE0000E	Foot element

### Complete Modules

- Cut to length base element
- One end & feet supplied pre-assembled
- One end & screws supplied loose

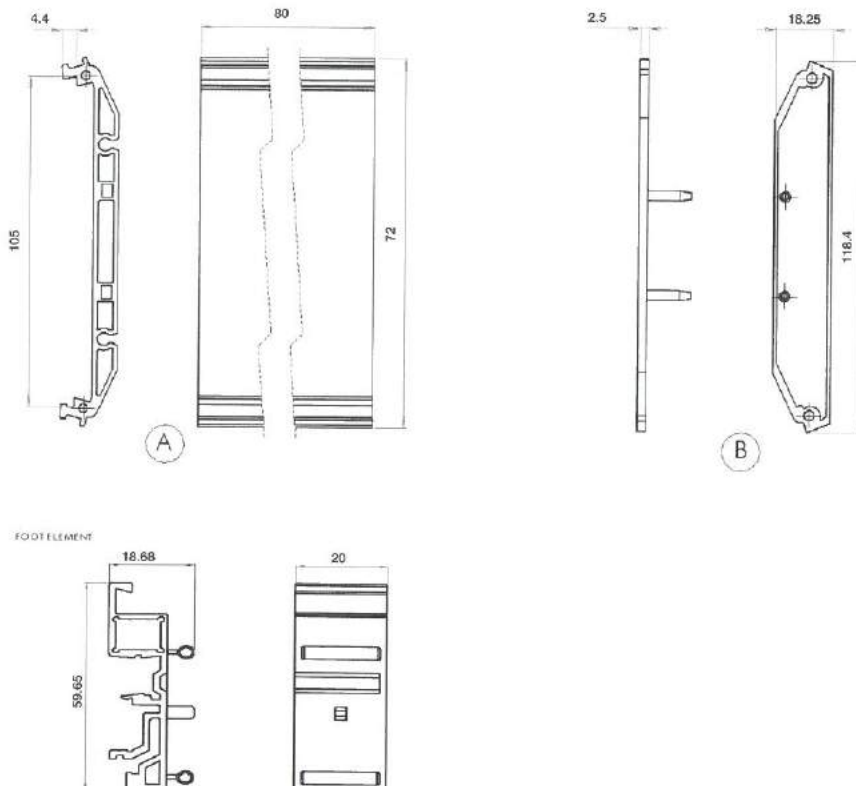
LENGTH	NO. OF FEET
16-50mm	1
51-150mm	2
151-300mm	3
301-500mm	4
501-750mm	5
751-999mm	6

TYPE NO.	DESCRIPTION
CIM72/xxxx/E	Complete module*

\*To specify complete modules (cut to length with feet and one end pre-assembled) use pcb length minus 4mm as xxxx, eg. CIM72/126/E is a module for a 130mm pcb, one end and two feet fitted, supplied with one loose end and two screws.

NB. Cutting tolerance is -0 +0.5mm.

CIME-M-E



UNIVERSAL ENCLOSURES

HAND HELD CASES

HEAVY DUTY ENCLOSURES

DIN RAIL ENCLOSURES

INTERFACE SUPPORTS

ELECTRICAL ENCLOSURES

DIECAST & METAL ENCLOSURES

DESKTOP & INSTRUMENT CASES

MULTI-PURPOSE & POTTING BOXES

19" ENCLOSURES

19" CABINETS

DEVELOPMENT BOARD ENCLOSURES

CUSTOM SIZED ENCLOSURES

FSPT/CUSTOM SERVICES



# INTERFACE SUPPORTS

## Euro Series 107mm Empty Modular Interface Supports

UNIVERSAL ENCLOSURES

HAND HELD CASES

HEAVY DUTY ENCLOSURES

DIN RAIL ENCLOSURES

INTERFACE SUPPORTS

ELECTRICAL ENCLOSURES

DIECAST & METAL ENCLOSURES

DESKTOP & INSTRUMENT CASES

MULTI-PURPOSE & POTTING BOXES

19" ENCLOSURES

19" CABINETS

DEVELOPMENT BOARD ENCLOSURES

CUSTOM SIZED ENCLOSURES

FSPT/CUSTOM SERVICES

- Suitable for 107mm width PCB's
- Modular Construction for easy assembly
- Snap fit Din Rail mounting fixtures
- Moulded in green UL 94V0 flame retardant PA
- Terminal blocks available in same colour
- Integral marker facility
- Integral Din rail mounting clip

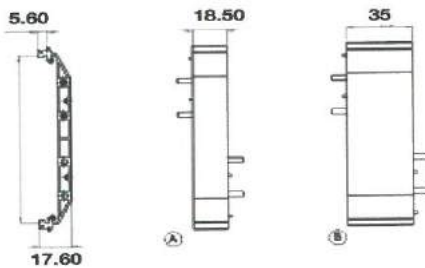


PCB LENGTH	END SECTION	BASE ELEMENT		PART COUNT
		11.5mm	18.5mm	
20mm	2			2
38.5mm	2		1	3
55mm	2			3
73.5mm	2		1	4
90mm	2			4
108.5mm	2		1	5
125mm	2			5
143.5mm	2		1	6
160mm	2			6
178.5mm	2		1	7
195mm	2			7
213.5mm	2		1	8
230mm	2			8
248.5mm	2		1	9
265mm	2			9

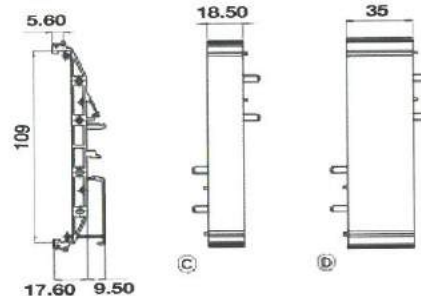
TYPE NO.	DESCRIPTION	WIDTH
CIME/E/BE1850S	Base element	18.5mm
CIME/E/BE3500S	Base element	35mm
CIME/E/BEF1850S	Base element with foot	18.5mm
CIME/E/BEF3500S	Base element with foot	35mm
CIME/E/SE1000S	End section	11.5mm
CIME/E/SEF1000S	End section with foot	11.5mm

The table above shows how, for a given PCB length, modules can be selected to make an interface support

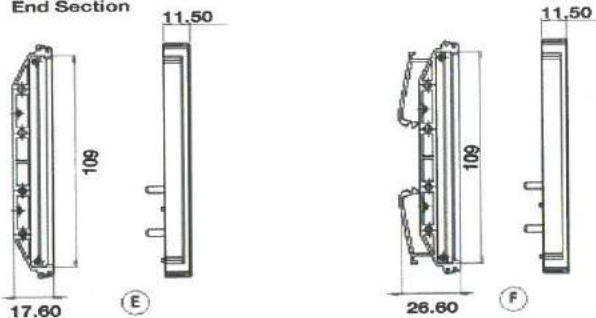
### Base Elements



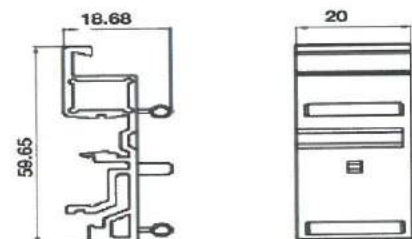
### Base Elements with foot



### End Section



### Foot Element



## Wall Mounting Plates

- Flush and raised surface mounting plates
- Press into sides of end section without tool
- Use foot element on long lengths with raised plates

TYPE NO.	STYLE
CIME/E/MPF	Flush
CIME/E/MPR	Raised



# INTERFACE SUPPORTS

## Euro Series 107mm Empty Extruded Interface Supports

- Suitable for 107mm width PCB's
- Snap fit DIN Rail mounting fixtures
- Available in pre-cut lengths up to 2 metres
- Terminal blocks available in same colour
- Base is moulded in PVC
- End caps and feet are moulded in green UL94-V0 flame retardant PA

CIME/E/E



TYPE NO.	DESCRIPTION
CIME/E/BE2000E	2m extruded base element
CIME/E/EC0000E	End cover
CIME/E/SCREWE	Fixing screws for end covers
CIME/E/FE0000E	Foot element

### Complete Modules

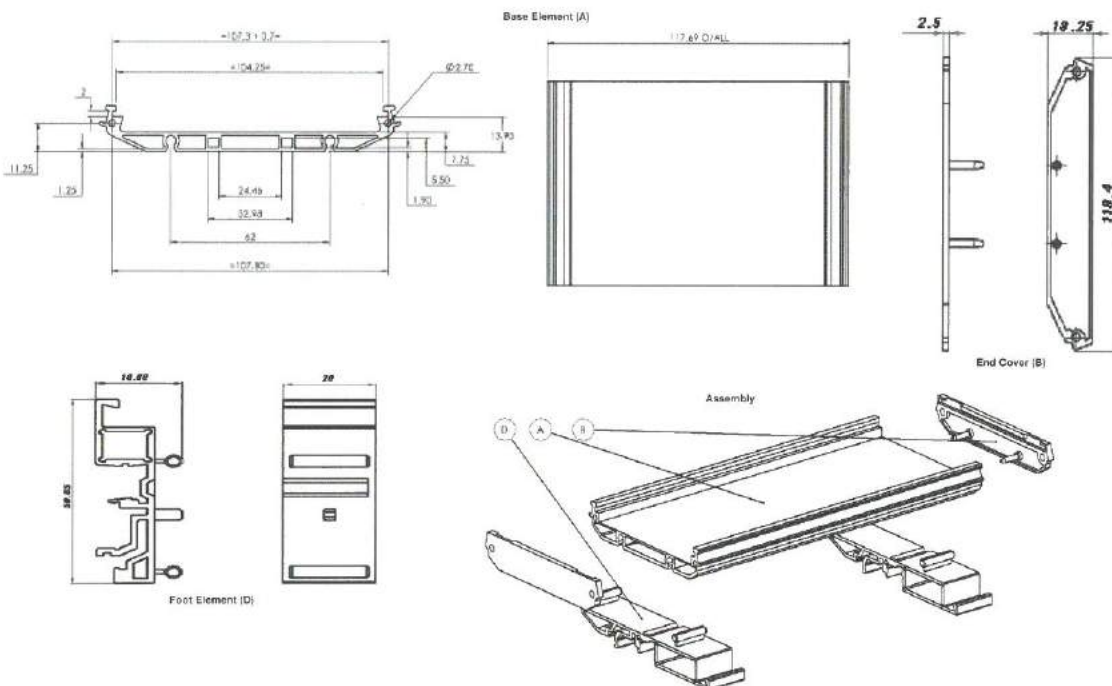
- Cut to length base element
- One end & feet supplied pre-assembled
- One end & screws supplied loose

LENGTH	NO. OF FEET
16-50mm	1
51-150mm	2
151-300mm	3
301-500mm	4
501-750mm	5
751-999mm	6

TYPE NO.	DESCRIPTION
CIM107/xxxx/E	Complete module*

\*To specify complete modules (cut to length with feet and one end pre-assembled) use pcb length minus 4mm as xxxx, eg. CIM107/126/E is a module for a 130mm pcb, one end and two feet fitted, supplied with one loose end and two screws.

NB. Cutting tolerance is -0 +0.5mm.



UNIVERSAL ENCLOSURES

HAND HELD CASES

HEAVY DUTY ENCLOSURES

DIN RAIL ENCLOSURES

INTERFACE SUPPORTS

ELECTRICAL ENCLOSURES

DIECAST & METAL ENCLOSURES

DESKTOP & INSTRUMENT CASES

MULTI-PURPOSE & POTTING BOXES

19" ENCLOSURES

19" CABINETS

DEVELOPMENT BOARD ENCLOSURES

CUSTOM SIZED ENCLOSURES

FSPT/CUSTOM SERVICES



UNIVERSAL ENCLOSURES

**SINGLE BUTTON**

51mm High  
74mm High

p67  
p67



HAND HELD CASES

**TWO BUTTON**

51mm High  
74mm High

p67  
p67



HEAVY DUTY ENCLOSURES

**THREE BUTTON**

51mm High  
74mm High

p67  
p67



DIN RAIL ENCLOSURES

INTERFACE SUPPORTS

# ELECTRICAL ENCLOSURES

DIECAST & METAL ENCLOSURES

**FOUR BUTTON**

51mm High  
74mm High

p67  
p67



DESKTOP & INSTRUMENT CASES

**FIVE & SIX BUTTON**

74mm High

p67



MULTI-PURPOSE & POTTING BOXES

19" ENCLOSURES

**MOUNTING PLATE**

p68



19" CABINETS

**ECONOMY RANGE**

Single Button  
Two Button  
Three Button

p69  
p69  
p69



DEVELOPMENT BOARD ENCLOSURES

CUSTOM SIZED ENCLOSURES

**89 SERIES TERMINAL BLOCK JUNCTION BOX**

p70



FSPT/CUSTOM SERVICES

See Page 140 for IP rating table

# ELECTRICAL ENCLOSURES

## Electrical Enclosures

- IP65 ABS enclosures suitable for control switches and equipment
- Grey and Yellow lid colour options
- Standard box holes moulded for 22mm diameter control switches
- Diameter 21mm (PG13.5) knockouts moulded in enclosure
- Pre assembled control station and control switching available to order
- Larger sizes to order

### SPECIFICATION

Material	ABS	
Protection class	IP65	
Rated temperature	Operating	-25° to +70°
	Storage	-40° to +80°
Standard colours	Box & lid	Grey RAL 7035
	Lid	Yellow RAL 1103

### Single Button

TYPE NO.	LID COLOUR	LENGTH	WIDTH	HEIGHT
CCS00GY01	Grey	70mm	70mm	51mm
CCS00YW01	Yellow	70mm	70mm	51mm
CCS03GY01	Grey	70mm	70mm	74mm
CCS03YW01	Yellow	70mm	70mm	74mm



### Two Button

TYPE NO.	LID COLOUR	LENGTH	WIDTH	HEIGHT
CCS05GY02	Grey	105mm	70mm	51mm
CCS06GY02	Grey	105mm	70mm	74mm



### Three Button

TYPE NO.	LID COLOUR	LENGTH	WIDTH	HEIGHT
CCS07GY03	Grey	140mm	70mm	51mm
CCS08GY03	Grey	140mm	70mm	74mm



### Four Button

TYPE NO.	LID COLOUR	LENGTH	WIDTH	HEIGHT
CCS09GY04	Grey	185mm	70mm	51mm
CCS10GY04	Grey	185mm	70mm	74mm



### Five & Six Button

TYPE NO.	BUTTONS	LID COLOUR	LENGTH	WIDTH	HEIGHT
CCS11GY05	5	Grey	225mm	70mm	74mm
CCS11GY06	6	Grey	225mm	70mm	74mm



UNIVERSAL ENCLOSURES

HAND HELD CASES

HEAVY DUTY ENCLOSURES

DIN RAIL ENCLOSURES

INTERFACE SUPPORTS

ELECTRICAL ENCLOSURES

DIECAST & METAL ENCLOSURES

DESKTOP & INSTRUMENT CASES

MULTI-PURPOSE & POTTING BOXES

19" ENCLOSURES

19" CABINETS

DEVELOPMENT BOARD ENCLOSURES

CUSTOM SIZED ENCLOSURES

FSPT/CUSTOM SERVICES



# ELECTRICAL ENCLOSURES

UNIVERSAL ENCLOSURES

HAND HELD CASES

HEAVY DUTY ENCLOSURES

DIN RAIL ENCLOSURES

INTERFACE SUPPORTS

ELECTRICAL ENCLOSURES

DIECAST & METAL ENCLOSURES

DESKTOP & INSTRUMENT CASES

MULTI-PURPOSE & POTTING BOXES

19" ENCLOSURES

19" CABINETS

DEVELOPMENT BOARD ENCLOSURES

CUSTOM SIZED ENCLOSURES

FSPT/CUSTOM SERVICES

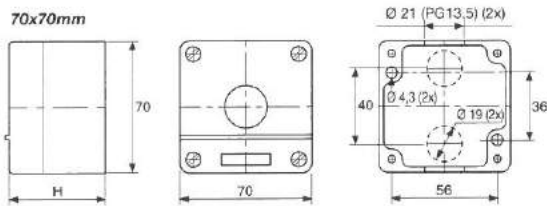
## Mounting Plates

TYPE NO.	BUTTONS
CCSP01	1
CCSP02	2
CCSP03	3
CCSP04	4
CCSP05	5

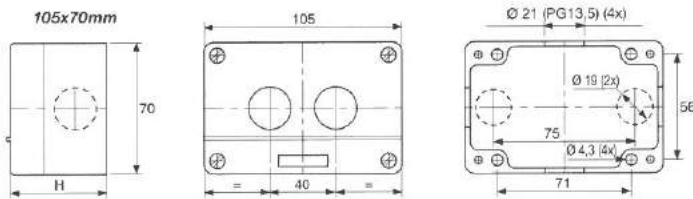
for 6 button use 2x CCSP03



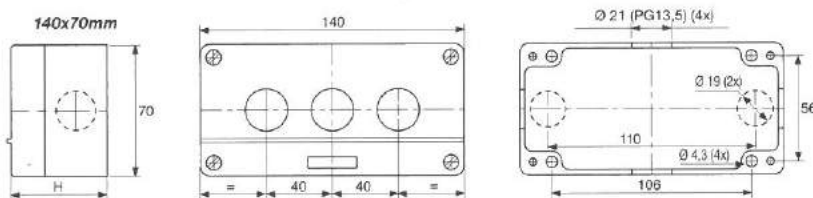
70x70mm



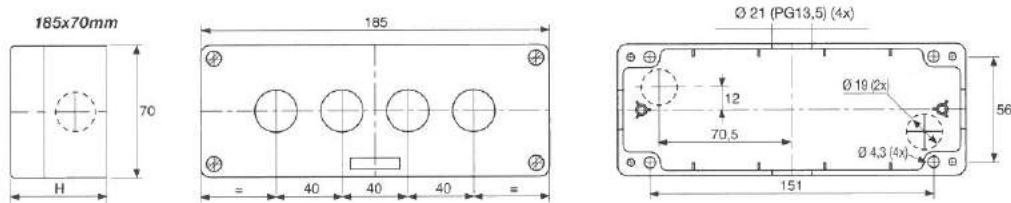
105x70mm



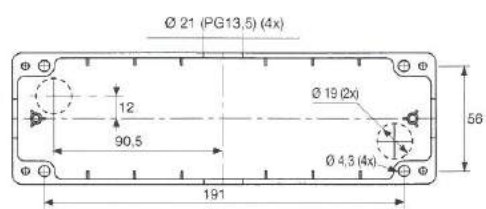
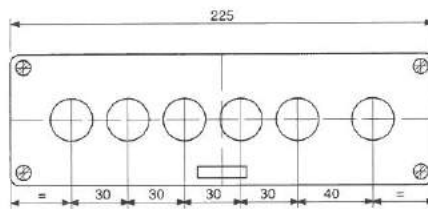
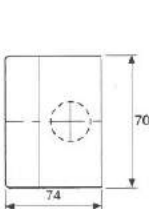
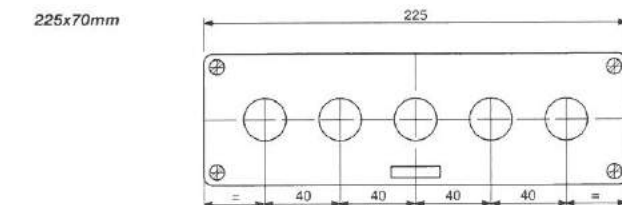
140x70mm



185x70mm



225x70mm



# ELECTRICAL ENCLOSURES

## Economy Range

- A range of 1, 2 and 3 button enclosures
- Available in standard and compact versions
- All are IP65 rated
- Flame retardant ABS
- Available in Yellow and Grey as standard
- Can be supplied with or without internal DIN rail
- Moulded for 22mm control switches



### SPECIFICATION

Material	ABS
Protection class	IP65
Rated temperature	Operating -25° to +55°
Standard colours	Box & lid Grey Lid Yellow



DIN Rail version

### Single Button

TYPE NO.	DIN RAIL VERSION	LID COLOUR	LENGTH	WIDTH	HEIGHT	KNOCKOUTS
CBCSC1GY	CBCSC1DGY	Grey	68mm	68mm	54mm	3
CBCSC1YW	CBCSC1DYW	Yellow	68mm	68mm	54mm	3
CBCSS1GY	CBCSS1DGY	Grey	76mm	65.5mm	71mm	3
CBCSS1YW	CBCSS1DYW	Yellow	76mm	65.5mm	71mm	3



### Two Button

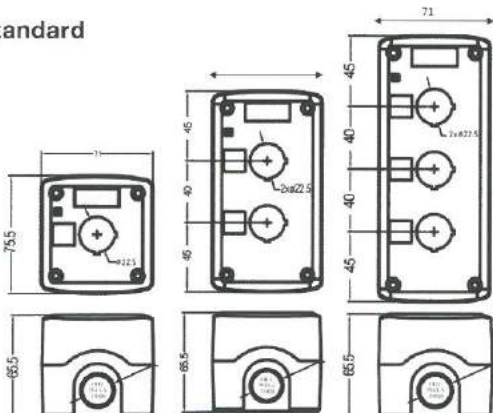
TYPE NO.	DIN RAIL VERSION	LID COLOUR	LENGTH	WIDTH	HEIGHT	KNOCKOUTS
CBCSC2GY	CBCSC2DGY	Grey	68mm	68mm	54mm	4
CBCSC2YW	CBCSC2DYW	Yellow	68mm	68mm	54mm	4
CBCSS2GY	CBCSS2DGY	Grey	76mm	65.5mm	71mm	4
CBCSS2YW	CBCSS2DYW	Yellow	76mm	65.5mm	71mm	4

### Three Button

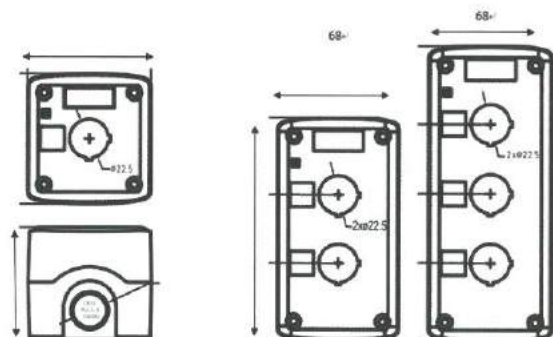
TYPE NO.	DIN RAIL VERSION	LID COLOUR	LENGTH	WIDTH	HEIGHT	KNOCKOUTS
CBCSC3GY	CBCSC3DGY	Grey	68mm	68mm	54mm	4
CBCSC3YW	CBCSC3DYW	Yellow	68mm	68mm	54mm	4
CBCSS3GY	CBCSS3DGY	Grey	76mm	65.5mm	71mm	4
CBCSS3YW	CBCSS3DYW	Yellow	76mm	65.5mm	71mm	4



### Standard



### Compact



UNIVERSAL ENCLOSURES

HAND HELD CASES

HEAVY DUTY ENCLOSURES

DIN RAIL ENCLOSURES

INTERFACE SUPPORTS

ELECTRICAL ENCLOSURES

DIECAST & METAL ENCLOSURES

DESKTOP & INSTRUMENT CASES

MULTI-PURPOSE & POTTING BOXES

19" ENCLOSURES

19" CABINETS

DEVELOPMENT BOARD ENCLOSURES

CUSTOM SIZED ENCLOSURES

FSPT/CUSTOM SERVICES



# ELECTRICAL ENCLOSURES

UNIVERSAL ENCLOSURES

HAND HELD CASES

HEAVY DUTY ENCLOSURES

DIN RAIL ENCLOSURES

INTERFACE SUPPORTS

ELECTRICAL ENCLOSURES

DIECAST & METAL ENCLOSURES

DESKTOP & INSTRUMENT CASES

MULTI-PURPOSE & POTTING BOXES

19" ENCLOSURES

19" CABINETS

DEVELOPMENT BOARD ENCLOSURES

CUSTOM SIZED ENCLOSURES

FSPT/CUSTOM SERVICES

## 89 Series Terminal Block Junction Box

- Integrated junction box consisting of cable glands and a terminal block
- IP65 rated
- Available in 3, 4 and 6 poles
- Supplied with 2 pcs each of 5 Ø and 7.4 Ø rubber cable bushes
- Available in light grey (black available upon request)
- Suitable for industrial applications, power cable joints, wiring for motors or sensors

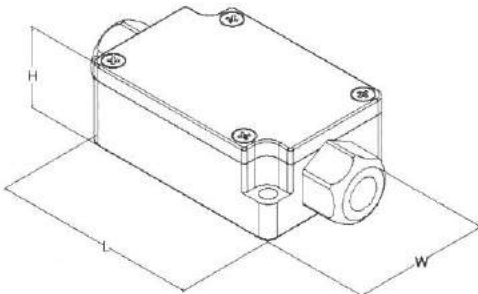
### SPECIFICATION

Rated voltage	250V
Rated current	15A
Applicable wire	1.25mm <sup>2</sup>
Standard tightening torque	0.5N
Operating temperature	-20°C to +75°C
Material:	
Cover, base & cable cap	PBT (UL94-V0)
Rubber bush	EPDM
Gasket	Polyurethane
Conductive plate	Brass
Terminal screw	Steel M3
Cover screw	Stainless steel M3

**TAKACHI**



BLACK	GREY	LENGTH	WIDTH	HEIGHT	DESCRIPTION
CJB893PBK	CJB893PLG	33mm	65mm	24mm	3 Pole
CJB894PBK	CJB894PLG	40mm	60mm	24mm	4 Pole
CJB896PBK	CJB896PLG	50mm	70mm	24mm	6 Pole



## Components Catalogue



Performance Engineered Interconnection and Enclosures Delivered Worldwide



UNIVERSAL  
ENCLOSURES

**ALUMINIUM UBOX**

p74



HAND  
HELD  
CASES

**55 SERIES DURA BOXES**  
Dura Boxes

p75



HEAVY  
DUTY  
ENCLOSURES

55 Series IP55 Gasket

p75



DIN  
RAIL  
ENCLOSURES

**5000 SERIES MULTI-PURPOSE DIECAST**

Diecast Enclosure

p76



INTERFACE  
SUPPORTS

Wall Mounting Kit

p76



CONTROL  
STATIONS

5000 Series IP65 Gasket

p76



# DIECAST & METAL ENCLOSURES

DESKTOP &  
INSTRUMENT  
CASES

**5000 SERIES MULTI-PURPOSE DIECAST**  
Diecast Enclosure

p77



MULTI-PURPOSE  
& POTTING  
BOXES

Wall Mounting Kit

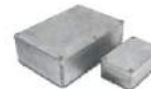
p77



19"  
ENCLOSURES

5000 Series IP65 Gasket

p77



19"  
CABINETS

**5100 SERIES PROJECT DIECAST**

p78



DEVELOPMENT  
BOARD  
ENCLOSURES

**5500 SERIES HEAVY DUTY DIECAST**

p78

CUSTOM  
SIZED  
ENCLOSURES

**METAL CONSOLES**

p79



FSPT/CUSTOM  
SERVICES

**85 SERIES ROUND ALUMINIUM CASES**

p80

**86 SERIES ALUMINIUM AUDIO CASES**

p81



**88 SERIES IP67 HEATSINK CASES**

Heatsink Cases

p82

Silicone Boots

p82

Mounting Plates

p82

See page 140 for IP rating table



UNIVERSAL ENCLOSURES

HAND HELD CASES

HEAVY DUTY ENCLOSURES

DIN RAIL ENCLOSURES

INTERFACE SUPPORTS

CONTROL STATIONS

DIECAST & METAL ENCLOSURES

DESKTOP & INSTRUMENT CASES

MULTI-PURPOSE & POTTING BOXES

19" ENCLOSURES

19" CABINETS

DEVELOPMENT BOARD ENCLOSURES

CUSTOM SIZED ENCLOSURES

FSPT/CUSTOM SERVICES



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# DIECAST AND METAL ENCLOSURES

UNIVERSAL ENCLOSURES

HAND HELD CASES

HEAVY DUTY ENCLOSURES

DIN RAIL ENCLOSURES

INTERFACE SUPPORTS

CONTROL STATIONS

**DIECAST & METAL ENCLOSURES**

DESKTOP & INSTRUMENT CASES

MULTI-PURPOSE & POTTING BOXES

19" ENCLOSURES

19" CABINETS

DEVELOPMENT BOARD ENCLOSURES

CUSTOM SIZED ENCLOSURES

FSPT/CUSTOM SERVICES

## Aluminium UBOX

Two u-shell sheet-metal boxes for a wide range of applications from small test equipment to heavy duty installations.

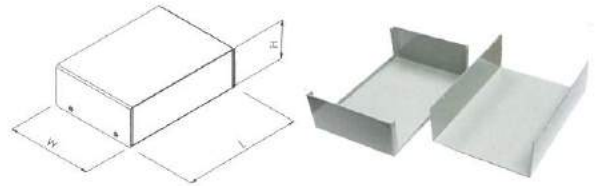
- Manufactured in 1mm thick aluminium
- Snap-fit assembly (CUABOX001)
- Cover retained with x4 self-tapping screws (CUABOX002-CUABOX015)
- Wide range of sizes
- Easily customised
- RFI protection
- Polyester based powder coat



### SPECIFICATION

Materials	Lid & base 1mm thick 3003 grade aluminium Coating polyester
Standard colours	RAL 7038
Standard unit includes	Base, cover & 4x self-tapping screws

GREY	LENGTH	WIDTH	HEIGHT
CUABOX001	55mm	40mm	25mm
CUABOX002	75mm	55mm	25mm
CUABOX003	75mm	40mm	35mm
CUABOX004	75mm	105mm	35mm
CUABOX005	105mm	55mm	35mm
CUABOX006	105mm	125mm	35mm
CUABOX007	125mm	55mm	45mm
CUABOX008	125mm	85mm	60mm
CUABOX009	155mm	105mm	45mm
CUABOX010	155mm	105mm	60mm
CUABOX011	155mm	125mm	75mm
CUABOX012	175mm	125mm	45mm
CUABOX013	175mm	155mm	75mm
CUABOX014	205mm	125mm	60mm
CUABOX015	205mm	205mm	105mm



# DIECAST AND METAL ENCLOSURES

## 55 Series Dura Boxes

Aluminium extruded boxes with plastic end-caps for hand-held applications.

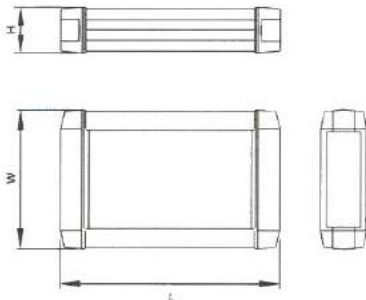
- Extruded aluminium profile
- Integral PCB mounting rails
- Front & rear plastic caps retained by 4x M3 screws
- Plastic screw covers for aesthetic appearance
- Recesses in lid & base for membrane keypads or overlays
- Textured sides for good grip
- Optional neoprene gasket for IP65 seal



### SPECIFICATION

Materials	Extruded profile epoxy painted grade 6063 T5 tempered aluminium End caps & screw covers high grade ABS, UL 94-V0
Protection class	IP54 as standard IP65 with optional gasket
Standard colours	Profile light grey similar to RAL 9002 or black similar to RAL 9004 End caps & screw covers RAL 7044, light grey or RAL 9004, black
Standard unit includes	Profile, 2x end caps, 4x screw covers, 4x mounting screws

BLACK	LIGHT GREY	LENGTH	WIDTH	HEIGHT
CEAREPB01	CEAREPG01	130mm	82mm	27mm
CEAREPB02	CEAREPG02	160mm	82mm	27mm
CEAREPB03	CEAREPG03	160mm	102mm	37mm
CEAREPB04	CEAREPG04	190mm	102mm	37mm
CEAREPB05	CEAREPG05	190mm	122mm	47mm
CEAREPB06	CEAREPG06	220mm	122mm	47mm



### 55 Series IP65 Gasket

- Neoprene gasket, IP65 seal
- Resistant to acids and gasoline
- Suitable for outdoor applications



TYPE NO.	DESCRIPTION
CEAREGASK	55 Series IP65 Gasket

UNIVERSAL ENCLOSURES

HAND HELD CASES

HEAVY DUTY ENCLOSURES

DIN RAIL ENCLOSURES

INTERFACE SUPPORTS

CONTROL STATIONS

DIECAST & METAL ENCLOSURES

DESKTOP & INSTRUMENT CASES

MULTI-PURPOSE & POTTING BOXES

19" ENCLOSURES

19" CABINETS

DEVELOPMENT BOARD ENCLOSURES

CUSTOM SIZED ENCLOSURES

FSPT/CUSTOM SERVICES



# DIECAST AND METAL ENCLOSURES

## 5000 Series Multi-Purpose Diecast

UNIVERSAL ENCLOSURES

HAND HELD CASES

HEAVY DUTY ENCLOSURES

DIN RAIL ENCLOSURES

INTERFACE SUPPORTS

CONTROL STATIONS

DIECAST & METAL ENCLOSURES

DESKTOP & INSTRUMENT CASES

MULTI-PURPOSE & POTTING BOXES

19" ENCLOSURES

19" CABINETS

DEVELOPMENT BOARD ENCLOSURES

CUSTOM SIZED ENCLOSURES

FSPT/CUSTOM SERVICES

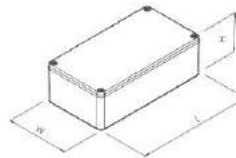
Highly durable robust aluminium diecast boxes with RFI shielding properties.

- Diecast aluminium
- Lid mounted by four M3 machine screws
- Temperature resistant up to 260°C (without gasket)
- Highly durable and shock resistant
- Vertical guides for PCB fixing
- Optional neoprene gasket for IP65 seal

### SPECIFICATION

Materials	Lid & base diecast aluminium to ENAC 44200
Protection class	IP54 IP65 optional
Standard colours	Black RAL 9004, white RAL 9010, natural or hammertone Powder coating optional
Standard unit includes	Base, lid & x4 zinc plated M3 screw
Options	Wall mounting kit IP65 gasket

NATURAL	HAMMERTONE	BLACK	WHITE	LENGTH	WIDTH	HEIGHT
RTM5001/11-NAT	RTM5001/11-PAT	RTM5001/11-BLK	RTM5001/11-WH	50mm	50mm	31mm
RTM5002/12-NAT	RTM5002/12-PAT	RTM5002/12-BLK	RTM5002/12-WH	101mm	50mm	25mm
RTM5003/13-NAT	RTM5003/13-PAT	RTM5003/13-BLK	RTM5003/13-WH	112mm	62mm	31mm
RTM5004/14-NAT	RTM5004/14-PAT	RTM5004/14-BLK	RTM5004/14-WH	120mm	66mm	40mm
RTM5005/15-NAT	RTM5005/15-PAT	RTM5005/15-BLK	RTM5005/15-WH	152mm	82mm	50mm
RTM5006/16-NAT	RTM5006/16-PAT	RTM5006/16-BLK	RTM5006/16-WH	192mm	112mm	61mm
RTM5007/17-NAT	RTM5007/17-PAT	RTM5007/17-BLK	RTM5007/17-WH	121mm	95mm	61mm



### Wall mounting kit

- One type fits all sizes



TYPE NO.	DESCRIPTION
RT5000-K	Wall mounting kit

### 5000 Series IP65 Gasket

- Neoprene gasket, 1.5mm thick
- Resistant to acids, gasoline
- Suitable for outdoor applications
- Protection rating IP65

TYPE NO.	DESCRIPTION
FT094-517	5001-11 Gasket
FT094-505	5002-12 Gasket
FT094-509	5003-13 Gasket
FT094-510	5004-14 Gasket
FT094-513	5005-15 Gasket
FT094-506	5006-16 Gasket



# DIECAST AND METAL ENCLOSURES

## 5000 Series Multi-Purpose Diecast - NEW COLOURS

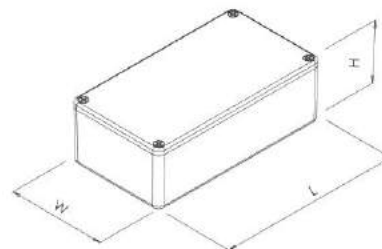
Highly durable robust aluminium Diecast boxes with RFI shielding properties.

- Diecast aluminium
- Lid mounted by four M3 machine screws
- Highly durable and shock resistant
- Vertical guides for PCB fixing
- Optional neoprene gasket for IP65 seal

### SPECIFICATION

Materials	Lid & base diecast aluminium to ENAC 44200
Protection class	IP54 IP65 optional
Standard colours	Red, yellow, blue and green Base, lid & x4 zinc plated M3 screw
Standard unit includes	Wall mounting kit
Options	IP65 gasket

RED	YELLOW	BLUE	GREEN	LENGTH	WIDTH	HEIGHT
RTM5001/11-RED	RTM5001/11-YEL	RTM5001/11-BLU	RTM5001/11-GRN	50mm	50mm	31mm
RTM5002/12-RED	RTM5002/12-YEL	RTM5002/12-BLU	RTM5002/12-GRN	101mm	50mm	25mm
RTM5003/13-RED	RTM5003/13-YEL	RTM5003/13-BLU	RTM5003/13-GRN	112mm	62mm	31mm
RTM5004/14-RED	RTM5004/14-YEL	RTM5004/14-BLU	RTM5004/14-GRN	120mm	66mm	40mm
RTM5005/15-RED	RTM5005/15-YEL	RTM5005/15-BLU	RTM5005/15-GRN	152mm	82mm	50mm
RTM5006/16-RED	RTM5006/16-YEL	RTM5006/16-BLU	RTM5006/16-GRN	192mm	112mm	61mm
RTM5007/17-RED	RTM5007/17-YEL	RTM5007/17-BLU	RTM5007/17-GRN	121mm	95mm	61mm



### Wall mounting kit

- One type fits all sizes



TYPE NO.	DESCRIPTION
RT5000-K	Wall mounting kit

### 5000 Series IP65 Gasket

- Neoprene gasket, 1.5mm thick
- Resistant to acids, gasoline
- Suitable for outdoor applications
- Protection rating IP65



TYPE NO.	DESCRIPTION
FT094-517	5001-11 Gasket
FT094-505	5002-12 Gasket
FT094-509	5003-13 Gasket
FT094-510	5004-14 Gasket
FT094-513	5005-15 Gasket
FT094-506	5006-16 Gasket

UNIVERSAL ENCLOSURES

HAND HELD CASES

HEAVY DUTY ENCLOSURES

DIN RAIL ENCLOSURES

INTERFACE SUPPORTS

CONTROL STATIONS

DIECAST & METAL ENCLOSURES

DESKTOP & INSTRUMENT CASES

MULTI-PURPOSE & POTTING BOXES

19" ENCLOSURES

19" CABINETS

DEVELOPMENT BOARD ENCLOSURES

CUSTOM SIZED ENCLOSURES

FSPT/CUSTOM SERVICES



# DIECAST AND METAL ENCLOSURES

UNIVERSAL ENCLOSURES

## 5100 Series Project Diecast

Economy aluminium diecast boxes. Ideal for RF circuit designs and mounting pneumatic or hydraulic equipment.

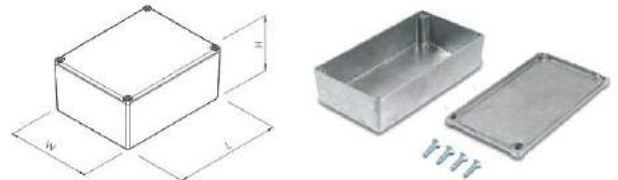
- Diecast aluminium
- Temperature resistance to 300°C
- Material functions as a screening layer and heat-sink
- Robust & light weight
- Easily machined & customised
- Close fitting flanged lids using self-tapping screws
- Smooth surface and edges



### SPECIFICATION

Materials	Die-cast aluminium BS 1490 LM24
Protection class	IP54
Standard colours	Natural finish as standard Hammerstone & powder coating optional
Standard unit includes	Base, lid and 4x self-tapping screws

NATURAL RAL	LENGTH	WIDTH	HEIGHT
5100-470	51mm	51mm	32mm
5100-123	92mm	36mm	31mm
5100-471	110mm	82mm	44mm
5100-124	111mm	60mm	31mm
5100-479	111mm	60mm	54mm
5100-473	119mm	94mm	34mm
5100-234	119mm	94mm	56mm
5100-472	121mm	80mm	60mm
5100-474	121mm	121mm	60mm
5100-475	121mm	121mm	98mm
5100-476	152mm	82mm	51mm
5100-477	187mm	119mm	38mm
5100-247	187mm	119mm	56mm
5100-347	187mm	119mm	82mm
5100-478	190mm	190mm	67mm



HAND HELD CASES

HEAVY DUTY ENCLOSURES

DIN RAIL ENCLOSURES

INTERFACE SUPPORTS

CONTROL STATIONS

DIECAST & METAL ENCLOSURES

DESKTOP & INSTRUMENT CASES

MULTI-PURPOSE & POTTING BOXES

19" ENCLOSURES

19" CABINETS

DEVELOPMENT BOARD ENCLOSURES

CUSTOM SIZED ENCLOSURES

FSPT/CUSTOM SERVICES

## 5500 Series Heavy Duty Diecast

Heavy duty aluminium diecast boxes for industrial, control and mechanical engineering applications. Ideal for extreme conditions.

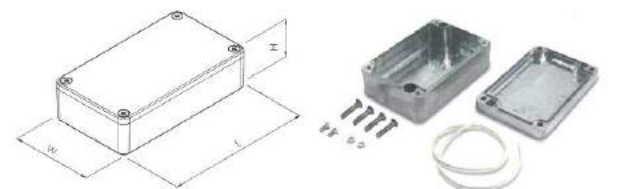
- Aluminium Alloy
- Tongue and groove construction
- Lid incorporates a recessed gasket seal
- PCB pillars in base
- Low draft angle provides for maximum internal volume
- Neoprene gasket for IP65 seal



### SPECIFICATION

Materials	Aluminium alloy ADC-12 (Al - Si - Cu based alloy)
Protection class	IP65 as standard
Standard colours	Natural as standard Hammerstone or powder coating optional
Standard unit includes	Case, lid, neoprene gasket, 4x fixing screws

NATURAL RAL	LENGTH	WIDTH	HEIGHT
5500-04	64mm	58mm	35mm
5500-02	90mm	36mm	30mm
5500-06	115mm	65mm	30mm
5500-11	115mm	65mm	55mm
5500-13	115mm	90mm	55mm
5500-37	121mm	121mm	101mm
5500-15	148mm	108mm	75mm
5500-39	159mm	159mm	102mm
5500-20	171mm	121mm	55mm
5500-24	222mm	146mm	55mm
5500-25	222mm	146mm	82mm



# DIECAST AND METAL ENCLOSURES

## Metal Consoles

A range of sturdy cases made from 1mm thick steel with an epoxy finish. Front and rear panels are natural coloured anodised aluminium.

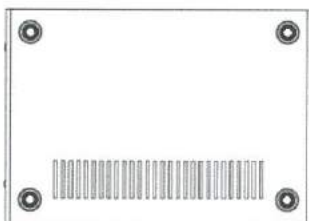
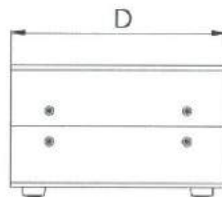
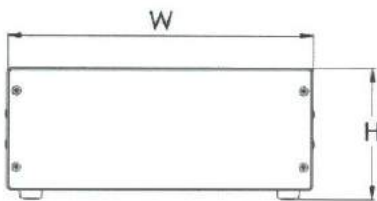
- The consoles are supplied with four non-slip feet
- Two removable side plates are placed internally onto which PCB's and mounting trays can be affixed
- Easily customized

### SPECIFICATION

<b>Materials</b>	Lid & base: 0.9mm steel Front & back: 1.5mm aluminium Mounting plates: 1.5mm zintec
<b>Standard colours</b>	RAL 9010
<b>Standard unit includes</b>	Lid & base, front & back, x2 side plates, 4x rubber feet, x16 screws



TYPE NO.	LENGTH	DEPTH	HEIGHT
CMCB00001	110mm	150mm	70mm
CMCB00002	140mm	200mm	80mm
CMCB00003	160mm	250mm	100mm



UNIVERSAL ENCLOSURES

HAND HELD CASES

HEAVY DUTY ENCLOSURES

DIN RAIL ENCLOSURES

INTERFACE SUPPORTS

CONTROL STATIONS

DIECAST & METAL ENCLOSURES

DESKTOP & INSTRUMENT CASES

MULTI-PURPOSE & POTTING BOXES

19" ENCLOSURES

19" CABINETS

DEVELOPMENT BOARD ENCLOSURES

CUSTOM SIZED ENCLOSURES

FSPT/CUSTOM SERVICES



# DIECAST AND METAL ENCLOSURES

## 85 Series Round Aluminium Cases

UNIVERSAL ENCLOSURES

HAND HELD CASES

HEAVY DUTY ENCLOSURES

DIN RAIL ENCLOSURES

INTERFACE SUPPORTS

CONTROL STATIONS

DIECAST & METAL ENCLOSURES

DESKTOP & INSTRUMENT CASES

MULTI-PURPOSE & POTTING BOXES

19" ENCLOSURES

19" CABINETS

DEVELOPMENT BOARD ENCLOSURES

CUSTOM SIZED ENCLOSURES

FSPT/CUSTOM SERVICES

Round aluminium mobile cases.

- Extruded aluminium case
- Extrusion is split through the centre as a two part extrusion for ease of access
- Two part extrusion gives a flush finish
- Screw on end panels (Coloured end panels available on request)
- PCB can slide into the enclosure (excludes sizes 1 & 3)
- Rubber feet supplied

**TAKACHI**



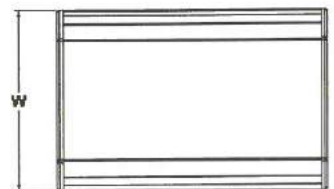
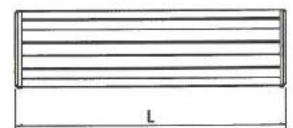
### SPECIFICATION

Materials	End panels- Aluminium (Anodised) Body- Aluminium (Anodised)
Standard colours	Black and silver
Standard unit includes	Base, end panels and 4 self tapping screws (coloured end panels available upon request)
IP Rating	IP40

SIZE	BLACK	SILVER	LENGTH	WIDTH	HEIGHT
1	CDM8501BK	CDM8501SL	49mm	48mm	13mm
3	CDM8503BK	CDM8503SL	109mm	48mm	13mm
5	CDM8505BK	CDM8505SL	74mm	41mm	15mm
9	CDM8509BK	CDM8509SL	96mm	57mm	18mm
12	CDM8512BK	CDM8512SL	114mm	70mm	20mm
14	CDM8514BK	CDM8514SL	94mm	82mm	24mm
18	CDM8518BK	CDM8518SL	144mm	100mm	16mm
20	CDM8520BK	CDM8520SL	112mm	110mm	30mm
24	CDM8524BK	CDM8524SL	112mm	70mm	35mm
27	CDM8527BK	CDM8527SL	140mm	95mm	40mm
30	CDM8530BK	CDM8530SL	200mm	130mm	35mm



Coloured End Panels available upon request



# DIECAST AND METAL ENCLOSURES

## 86 Series Aluminium Audio Cases

Stylish aluminium Heatsink cases.

- Heatsink is incorporated into the side plate.
- Audio style aluminium enclosures.
- Available in 12 sizes in silver.
- Easily customised and light weight.

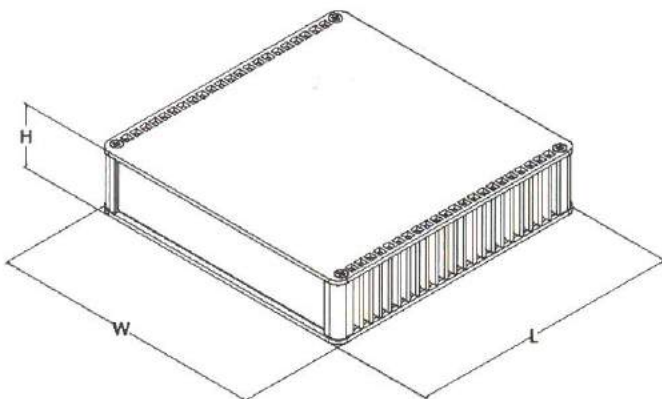
### SPECIFICATION

Materials	Lid & body- Aluminium (Anodised)
Standard colours	Silver
Standard unit includes	Lid, base, rubber feet and screws
IP Rating	IP40

SILVER	LENGTH	WIDTH	HEIGHT
CDM8601SL	130mm	89mm	20mm
CDM8602SL	130mm	89mm	40mm
CDM8603SL	130mm	130mm	30mm
CDM8604SL	130mm	130mm	50mm
CDM8605SL	130mm	180mm	40mm
CDM8606SL	130mm	180mm	60mm
CDM8607SL	180mm	128mm	30mm
CDM8608SL	180mm	128mm	50mm
CDM8609SL	180mm	174mm	40mm
CDM8610SL	180mm	174mm	60mm
CDM8611SL	180mm	228mm	50mm
CDM8612SL	180mm	228mm	70mm

\* Black available on request

**TAKACHI**



UNIVERSAL ENCLOSURES

HAND HELD CASES

HEAVY DUTY ENCLOSURES

DIN RAIL ENCLOSURES

INTERFACE SUPPORTS

CONTROL STATIONS

DIECAST & METAL ENCLOSURES

DESKTOP & INSTRUMENT CASES

MULTI-PURPOSE & POTTING BOXES

19" ENCLOSURES

19" CABINETS

DEVELOPMENT BOARD ENCLOSURES

CUSTOM SIZED ENCLOSURES

FSPT/CUSTOM SERVICES



# DIECAST AND METAL ENCLOSURES

UNIVERSAL ENCLOSURES

HAND HELD CASES

HEAVY DUTY ENCLOSURES

DIN RAIL ENCLOSURES

INTERFACE SUPPORTS

CONTROL STATIONS

DIECAST & METAL ENCLOSURES

DESKTOP & INSTRUMENT CASES

MULTI-PURPOSE & POTTING BOXES

19" ENCLOSURES

19" CABINETS

DEVELOPMENT BOARD ENCLOSURES

CUSTOM SIZED ENCLOSURES

FSPT/CUSTOM SERVICES

## 88 Series IP67 Heatsink Cases

IP67, EMC shielded aluminium heatsink enclosures with optional protective silicone boot.

- Heavy duty enclosure, heatsink extrusion body and die-cast panels
- EMI-shielded (Non-shielded available upon request)
- PCB or chassis are horizontally mountable by sliding into grooved inner body frame
- Designed for a tough environment; heavy duty, highly waterproof and heat resistant. Suitable for measuring instruments, industrial controls, industrial camera housing.

**TAKACHI**



### SPECIFICATION

Material	Lid - aluminium (powder coated) Body - aluminium (anodised)
Operating temperature	-40°C to +105°C
Standard colours	Black or Silver
Standard unit includes	Lid, base 4x Steel screws Rubber feet IP67 Gasket
Options	Silicone boots in black Mounting plates Flanged Ends available upon request

SIZE	BLACK	SILVER	LENGTH	WIDTH	HEIGHT
2	CDM8802BK	CDM8802SL	110mm	65.8mm	65.8mm
4	CDM8804BK	CDM8804SL	200mm	65.8mm	65.8mm
7	CDM8807BK	CDM8807SL	115mm	80.8mm	45.8mm
9	CDM8809BK	CDM8809SL	175mm	80.8mm	45.8mm
11	CDM8811BK	CDM8811SL	125mm	86.3mm	86.3mm
13	CDM8813BK	CDM8813SL	220mm	86.3mm	86.3mm
16	CDM8816BK	CDM8816SL	150mm	106.3mm	56.3mm
18	CDM8818BK	CDM8818SL	240mm	106.3mm	56.3mm
20	CDM8820BK	CDM8820SL	175mm	156.3mm	81.3mm
22	CDM8822BK	CDM8822SL	275mm	156.3mm	81.3mm



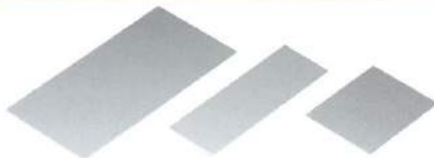
Flanged ends for wall mounting available on request

## Silicone Boots



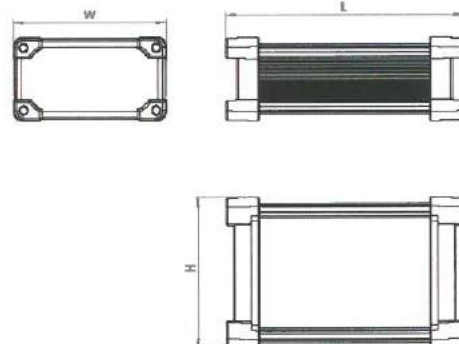
BLACK	LENGTH	WIDTH	HEIGHT	DESCRIPTION
CDM88B1BK	31mm	72.4mm	73.6mm	Suits sizes 2 & 4
CDM88B2BK	31mm	87.4mm	53.6mm	Suits sizes 7 & 9
CDM88B3BK	35.5mm	93.9mm	95.1mm	Suits sizes 11 & 13
CDM88B4BK	35.5mm	113.9mm	65.1mm	Suits sizes 16 & 18
CDM88B5BK	35.5mm	163.9mm	90.1mm	Suits sizes 20 & 22

\* Other colours available on request



## Mounting Plates

PART NO.	LENGTH	WIDTH	DESCRIPTION
CDM88MP02	94mm	47mm	Suits size 2
CDM88MP04	184mm	47mm	Suits size 4
CDM88MP07	99mm	61.8mm	Suits size 7
CDM88MP09	159mm	61.8mm	Suits size 9
CDM88MP11	106mm	66.5mm	Suits size 11
CDM88MP13	201mm	66.5mm	Suits size 13
CDM88MP16	130.6mm	86.5mm	Suits size 16
CDM88MP18	220.6mm	86.5mm	Suits size 18
CDM88MP20	155.6mm	136.3mm	Suits size 20
CDM88MP22	255.6mm	136.3mm	Suits size 22



UNIVERSAL ENCLOSURES

HAND HELD CASES

HEAVY DUTY ENCLOSURES

DIN RAIL ENCLOSURES

INTERFACE SUPPORTS

CONTROL STATIONS

DIECAST & METAL ENCLOSURES

**DESKTOP INSTRUMENT CASES**  
Instrument Cases

p84



Assembly Plate

p84



**1000 SERIES VARIO CASES**

p85



**8000 SERIES EURO DESK CASES**

p85



# DESKTOP & INSTRUMENT CASES

**6000 SERIES VENTI CASES**

p86



MULTI-PURPOSE & POTTING BOXES

**TERMINAL CASES**

2600 Series 55mm high

p86



19" ENCLOSURES

2700 Series 80-106mm high

p86

19" CABINETS

**92 SERIES COMMS BOXES**

p87



DEVELOPMENT BOARD ENCLOSURES

CUSTOM SIZED ENCLOSURES

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# DESKTOP & INSTRUMENT CASES

## Desktop Instrument Cases

UNIVERSAL ENCLOSURES

HAND HELD CASES

HEAVY DUTY ENCLOSURES

DIN RAIL ENCLOSURES

INTERFACE SUPPORTS

CONTROL STATIONS

DIECAST & METAL ENCLOSURES

DESKTOP & INSTRUMENT CASES

MULTI-PURPOSE & POTTING BOXES

19" ENCLOSURES

19" CABINETS

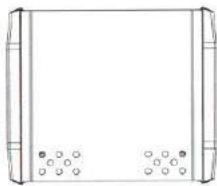
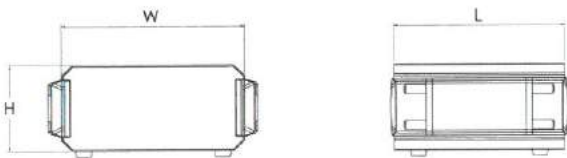
DEVELOPMENT BOARD ENCLOSURES

CUSTOM SIZED ENCLOSURES

FSPT/CUSTOM SERVICES

Extensive range of high quality instrument cases for test, measurement, display and control applications. Functional push-fit construction designed for quick and easy assembly.

- Screwless push-fit assembly via 8x lock pins
- Horizontal PCB guides in side profiles
- Ventilation slots in lid and base
- Lid and base can be dismantled independently from each other
- 4x non-slip feet as standard (CDIC00001-4)
- 2x non-slip feet, 2x tilting feet and front handles as standard (CDIC00005-7)



### Assembly Plate

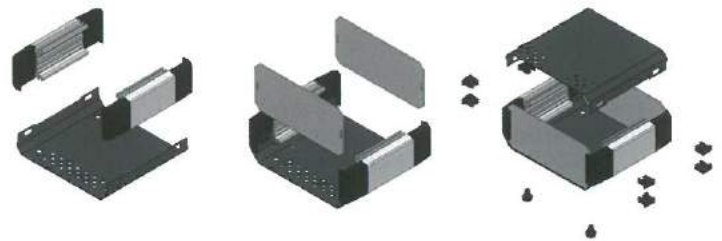
- The assembly plate is easily fixed to the enclosure using M3 screws and nuts
- 1 mm thick steel, zinc coated



### SPECIFICATION

Material	High impact ABS Lid & base 1mm thick steel, epoxy coated, textured Side profiles extruded 6063 aluminium, matt silver anodised Brackets & tilting feet	
Material sizes 1-4	CDIC00001-4	Front/rear panels 1mm thick 5050 aluminium, silver anodised
Material sizes 5-7	CDIC00005-7	Front/rear panels 2mm thick 5050 aluminium, silver anodised
Standard unit sizes 1-4	CDIC00001-4	Lid & base 2x front/rear panels 2x aluminium side profiles 4x brackets 8x lock pins 4x non-slip feet
Standard unit sizes 5-7	CDIC00005-7	Lid & base 2x front/rear panels 2x aluminium side profiles 2x rear brackets 2x front brackets with handle 2x non-slip feet 2x non-slip tilting feet 8 x locking pins

DARK GREY	LENGTH	WIDTH	HEIGHT
CDIC00001	145mm	171.6mm	70.4mm
CDIC00002	205mm	221.6mm	70.4mm
CDIC00003	175mm	246.6mm	80.4mm
CDIC00004	205mm	271.6mm	90.4mm
CDIC00005	271mm	327.5mm	100mm
CDIC00006	311mm	377.5mm	120mm
CDIC00007	351mm	427.5mm	130mm



DARK GREY	LENGTH	WIDTH
CDICMP002	143mm	192mm
CDICMP003	113mm	217mm
CDICMP004	143mm	242mm
CDICMP005	170mm	286.5mm
CDICMP006	210mm	336.5mm
CDICMP007	250mm	386.5mm

# DESKTOP & INSTRUMENT CASES

## 1000 Series Vario Cases

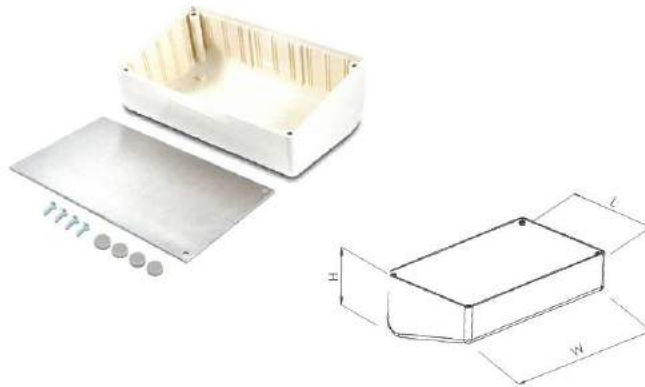
ABS desk cases with inclined aluminium panel, recessed to accept membranes and overlays.

- Base moulded in high impact ABS
- Aluminium lid mounted by 4x M3 screws
- Recessed front panel to accept keypad membranes and overlays
- Polished finish for ease of cleaning
- Vertical PCB guides in base
- PCB pillars in base
- ABS UL94-V0 material optional

### SPECIFICATION

Protection class	IP54
Standard colours	Front panel grey Base grey as standard, white to order
Standard unit includes	Lid & base 4x M3 machine screws 4x rubber feet

BLACK	LIGHT GREY	LENGTH	WIDTH	HEIGHT
BIM1005-BLK/PG	BIM1005-GY/PG	97mm	162mm	57mm
BIM1006-BLK/PG	BIM1006-GY/PG	130mm	215mm	72mm



## 8000 Series Euro Desk Cases

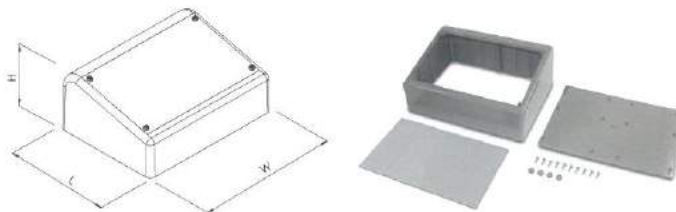
ABS desktop cases with removable base plates for ease of access and flush fitting aluminium front panels.

- Moulded in high impact ABS
- Aluminium lid mounted by 4x M3 screws
- Removable base plate for ease of access and fast assembly
- Gloss finish for ease of cleaning
- Integral side PCB slots in enclosure body
- PCB pillars in base

### SPECIFICATION

Materials	Body and base plate high impact ABS as standard UL94-V0 ABS to order Panel 1mm thick aluminium
Operating temperature	Resistant to temperatures up to 85°C
Protection class	IP40
Standard colours	Body & base plate grey & black as standard, white to order Aluminium panel grey
Standard unit includes	Body & base plate Aluminium panel 8/10x M3 fixing screws 4x rubber feet

BLACK	GREY	LENGTH	WIDTH	HEIGHT
BIM8005-BLK/PG	BIM8005-GY/PG	127mm	170mm	70mm
BIM8007-BLK/PG	BIM8007-GY/PG	187mm	243mm	103mm



UNIVERSAL ENCLOSURES

HAND HELD CASES

HEAVY DUTY ENCLOSURES

DIN RAIL ENCLOSURES

INTERFACE SUPPORTS

CONTROL STATIONS

DIECAST & METAL ENCLOSURES

DESKTOP & INSTRUMENT CASES

MULTI-PURPOSE & POTTING BOXES

19" ENCLOSURES

19" CABINETS

DEVELOPMENT BOARD ENCLOSURES

CUSTOM SIZED ENCLOSURES

FSPT/CUSTOM SERVICES



# DESKTOP & INSTRUMENT CASES

UNIVERSAL ENCLOSURES

HAND HELD CASES

HEAVY DUTY ENCLOSURES

DIN RAIL ENCLOSURES

INTERFACE SUPPORTS

CONTROL STATIONS

DIECAST & METAL ENCLOSURES

DESKTOP & INSTRUMENT CASES

MULTI-PURPOSE & POTTING BOXES

19" ENCLOSURES

19" CABINETS

DEVELOPMENT BOARD ENCLOSURES

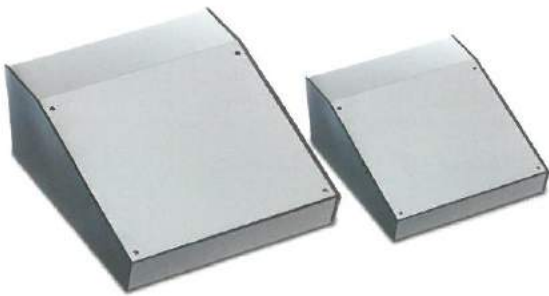
CUSTOM SIZED ENCLOSURES

FSPT/CUSTOM SERVICES

## 6000 Series Venti Cases

ABS desk cases available with inclined recessed aluminium front panels.

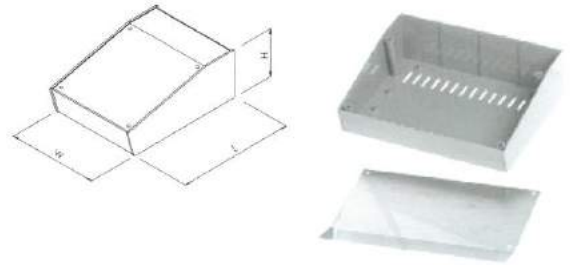
- Moulded in high impact ABS
- Aluminium lid mounted by 4x M3 screws
- Polished finish for ease of cleaning
- PCB pillars in base
- Integral PCB slots in front and rear walls
- Ventilation slots in base



### SPECIFICATION

Materials	Base high impact ABS as standard, UL94-V0 ABS to order Panels 1mm thick aluminium
Operating temperature	Resistant to temperatures up to 85°C
Standard colours	Base grey & black as standard, white to order Aluminium panel grey
Standard unit includes	Base & aluminium panel 4x M3 machine screws 4x rubber feet

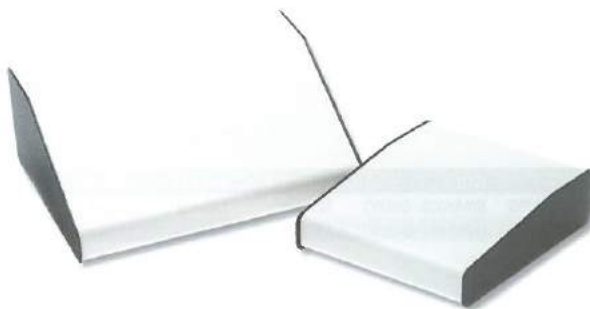
BLACK	GREY	LENGTH	WIDTH	HEIGHT
BIM6005-BLK/PG	BIM6005-GY/PG	143mm	105mm	55mm
BIM6006-BLK/PG	BIM6006-GY/PG	143mm	170mm	55mm
BIM6007-BLK/PG	BIM6007-GY/PG	214mm	170mm	82mm



## 2600/2700 Series Terminal Cases

Ideal enclosures for laboratory equipment, keyboards, access & security applications.

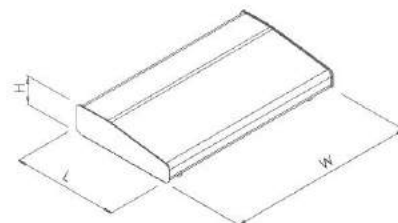
- 2 part aluminium construction
- Easy assembly with 4x M3 screws running through rubber feet into base
- 4x rubber feet supplied as standard



### SPECIFICATION

Material	Base 2mm thick aluminium Lid 1.6mm thick aluminium
Protection class	IP40
Standard colours	Top beige as standard Base brown as standard Other colours available to order
Standard unit includes	Lid & base 4x M3 machine screws 4x rubber feet

TYPE NO.	LENGTH	WIDTH	HEIGHT
RTM2601-BR/B	210mm	178mm	55mm
RTM2602-BR/B	210mm	280mm	55mm
RTM2603-BR/B	210mm	381mm	55mm
RTM2604-BR/B	210mm	483mm	55mm
RTM2701-BR/B	210mm	178mm	80mm
RTM2702-BR/B	210mm	280mm	106mm
RTM2703-BR/B	210mm	381mm	106mm
RTM2704-BR/B	210mm	483mm	106mm



# DESKTOP & INSTRUMENT CASES

## 92 Series Comms Boxes

Low profile and deep profile plastic housings with removable end panels. Designed for communication equipment such as Wi-Fi routers.

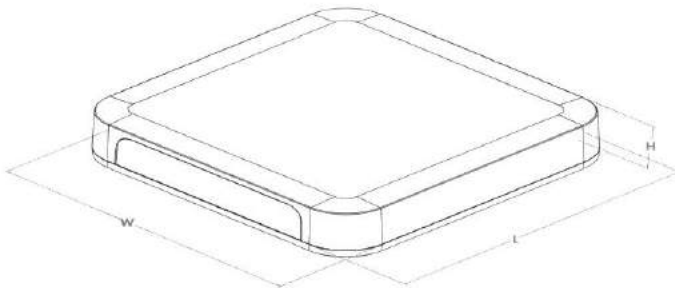
- Stylishly designed ABS plastic case with double detachable panels
- Flame resistant ABS (UL94-V0), 8 sizes, available in off-white and dark grey
- Equipped with built-in bosses for PCB mounting
- Suitable for WiFi access points, measuring equipment, controller and communication applications

### SPECIFICATION

Materials	Base, top and panel UL94-V0 ABS
Protection class	IP40
Operating temperature	-10°C to +60°C
Standard colours	Dark grey and off-white
Standard unit includes	Base, top & panel 4x Self tapping screw 4x rubber feet

DARK GREY	OFF-WHITE	LENGTH	WIDTH	HEIGHT
CDE9201DG	CDE9201WH	100	150	30
CDE9202DG	CDE9202WH	100	150	45
CDE9203DG	CDE9203WH	150	150	30
CDE9204DG	CDE9204WH	150	150	45
CDE9205DG	CDE9205WH	135	200	40
CDE9206DG	CDE9206WH	135	200	60
CDE9207DG	CDE9207WH	200	200	40
CDE9208DG	CDE9208WH	200	200	60

**TAKACHI**



UNIVERSAL ENCLOSURES

HAND HELD CASES

HEAVY DUTY ENCLOSURES

DIN RAIL ENCLOSURES

INTERFACE SUPPORTS

CONTROL STATIONS

DIECAST & METAL ENCLOSURES

DESKTOP & INSTRUMENT CASES

MULTI-PURPOSE & POTTING BOXES

19" ENCLOSURES

19" CABINETS

DEVELOPMENT BOARD ENCLOSURES

CUSTOM SIZED ENCLOSURES

FSPT/CUSTOM SERVICES





CamdenBoss' **FSPT** is a unique process that uses the latest in 3D and 2D CAD/CAM software to produce production-ready enclosures, from prototypes to volume production.

Our expert design team work alongside you to design and create your exact enclosure solution from start to finish, with no tooling!

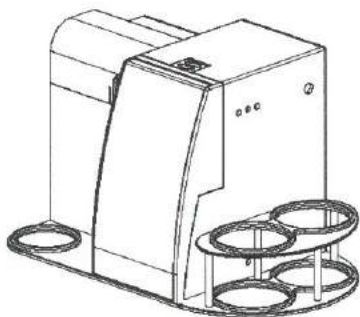
## FREE design work

## FREE samples of stocked designs

See page 136-139 for more detail



**Week 1**



**Week 2**



**Week 3-4**



Performance Engineered Interconnection and Enclosures Delivered Worldwide

UNIVERSAL ENCLOSURES

HAND HELD CASES

HEAVY DUTY ENCLOSURES

DIN RAIL ENCLOSURES

INTERFACE SUPPORTS

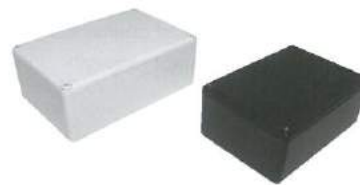
ELECTRICAL ENCLOSURES

DIECAST & METAL ENCLOSURES

DESKTOP & INSTRUMENT CASES

200 SERIES SMALL ABS BOXES WITH LID

p90



400 SERIES LUGGED CABLE ENTRY BOXES

p91



500 SERIES SMALL FLANGED ABS BOXES

p91



## MULTI-PURPOSE & POTTING BOXES

300 SERIES MULTI-PURPOSE BOXES

p92



19" ENCLOSURES

19" CABINETS

DEVELOPMENT BOARD ENCLOSURES

100 SERIES OPEN POTTING BOXES

p92



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ELECTRONICS & ENCLOSURES



# MULTI-PURPOSE & POTTING BOXES

## 200 Series Small ABS HB Boxes With Lid - UL94-HB

UNIVERSAL ENCLOSURES

Extensive range of ABS boxes for electrical components. Supplied with lid.

HAND HELD CASES

- Encapsulate and protect electronic components
- Ideal for partial or complete potting
- Moulded in ABS, UL94-HB
- Lid mounted by 4x fixing screws
- Highly resistant to most chemicals
- High rigidity and impact strength

HEAVY DUTY ENCLOSURES

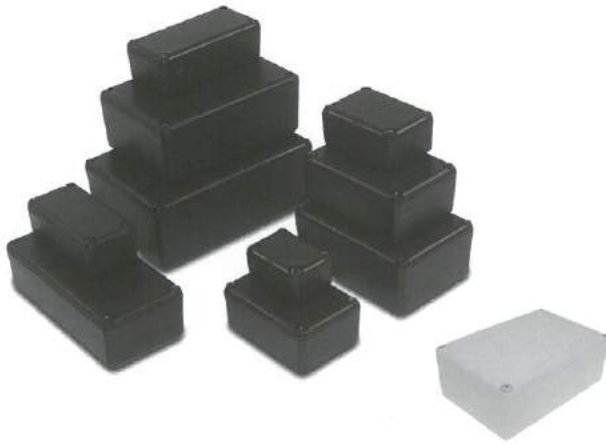
DIN RAIL ENCLOSURES

INTERFACE SUPPORTS

ELECTRICAL ENCLOSURES

DIECAST & METAL ENCLOSURES

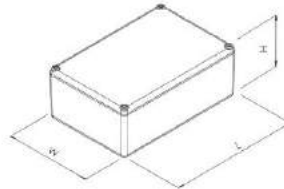
DESKTOP & INSTRUMENT CASES



### SPECIFICATION

Materials	ABS, UL94-HB
Operating temperature	-10°C to +60°C
Standard colours	Black & white
Standard unit colours	Lid & base
	4x screws
	Packs of 5

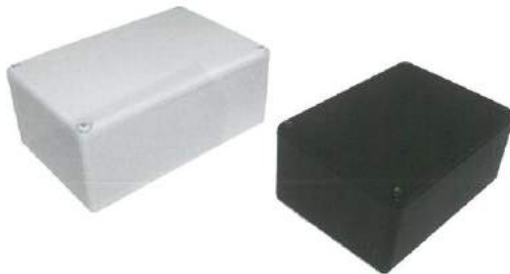
BLACK	WHITE	LENGTH	WIDTH	HEIGHT
RX2002/S-5		23mm	16mm	11mm
RX2003/S-5		25mm	18mm	13mm
RX2004/S-5		29mm	21mm	14mm
RX2005/S-5	RX2005/S-5-WH	34mm	24mm	16mm
RX2KL03/S-5		37mm	18mm	13mm
RX2006/S-5	RX2006/S-5-WH	40mm	28mm	18mm
RX2KL04/S-5		42mm	21mm	15mm
RX2007/S-5	RX2007/S-5-WH	46mm	32mm	20mm
RX2KL05/S-5		49mm	24mm	16mm
RX2008/S-5	RX2008/S-5-WH	54mm	38mm	23mm
RX2KL06/S-5		58mm	28mm	18mm
RX2009/S-5	RX2009/S-5-WH	64mm	44mm	25mm
RX2KL07/S-5		67mm	32mm	20mm
RX2010/S-5	RX2010/S-5-WH	74mm	50mm	28mm



## 200 Series Small ABS Boxes With Lid - UL94-V0

ABS UL94-V0 Small ABS enclosures

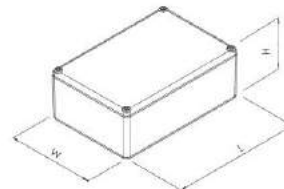
- Encapsulate and protect electronic components
- Ideal for partial or complete potting
- Moulded in ABS - UL94-V0
- Lid mounted by 4x fixing screws
- Highly resistant to most chemicals
- High rigidity and impact strength



### SPECIFICATION

Materials	ABS, UL94-V0
Operating temperature	-10°C to +60°C
Standard colours	Black & White
Standard unit colours	Lid & base
	4x screws
	Packs of 5

BLACK	WHITE	LENGTH	WIDTH	HEIGHT
RX2005/S-FB-5	RX2005/S-FB-5-WH	34mm	24mm	16mm
RX2006/S-FB-5	RX2006/S-FB-5-WH	40mm	28mm	18mm
RX2007/S-FB-5	RX2007/S-FB-5-WH	46mm	32mm	20mm
RX2008/S-FB-5	RX2008/S-FB-5-WH	54mm	38mm	23mm
RX2009/S-FB-5	RX2009/S-FB-5-WH	64mm	44mm	25mm
RX2010/S-FB-5	RX2010/S-FB-5-WH	74mm	50mm	28mm



MULTI-PURPOSE & POTTING BOXES

19" ENCLOSURES

19" CABINETS

DEVELOPMENT BOARD ENCLOSURES

CUSTOM SIZED ENCLOSURES

FSPT/CUSTOM SERVICES

# MULTI-PURPOSE & POTTING BOXES

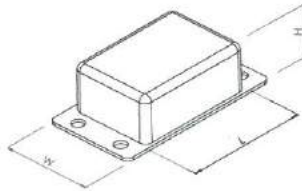
## 400 Series Lugged Cable Entry Boxes

ABS boxes with mounting lugs and moulded cable entries. Supplied with flush-fitting lid.

- Moulded in ABS
- Press-fit flush lid (screw mounted lid 400-019)
- Lugs provide added security once mounted by restricting access
- 2x moulded cable entries
- Label recess in base (400-019 only)
- Highly resistant to most chemicals
- High rigidity and impact strength
- Compliant with water absorption to DIN53495
- Maximum protection against shock, chemicals, moisture & temperature

SPECIFICATION	
Materials	ABS
Operating temperature	Resistant to continuous operating temperatures up to 70°C
Standard colours	Black
Standard unit includes	400-019 Lid & base 2x fixing screws
	400-011 to 400-017 Lid & base

BLACK	LENGTH	WIDTH	HEIGHT
400-011	65mm	38mm	22mm
400-013	65mm	38mm	27mm
400-015	72mm	44mm	22mm
400-017	72mm	44mm	27mm
400-019	82mm	57mm	33mm



## 500 Series Small Flanged ABS Boxes

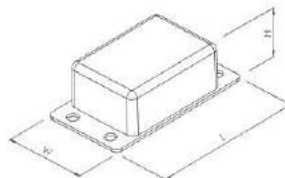
A comprehensive range of flame retardant ABS boxes with flush-fitting lid and flanged body for partial or complete potting of electronic components

- Moulded in ABS
- Flush-fitting lid mounted by 4x fixing screws
- Lugs provide added security once mounted by restricting access
- Flanged body with 4x mounting holes
- Ideal for partial or complete potting
- Compliant with water absorption specifications to DIN53495
- High rigidity and impact strength
- Highly resistant to most chemicals

SPECIFICATION	
Materials	Lid & base ABS, UL94-HB*
Operating temperature	-20°C to +94°C
Standard colours	Black
Standard unit includes	Lid & base 4x screws Packs of 5

\*UL94-V0 to order

BLACK	LENGTH	WIDTH	HEIGHT
RX505A	36mm	26mm	17mm
RX506A	42mm	30mm	19mm
RX507A	48mm	34mm	21mm
RX508A	56mm	40mm	24mm
RX509A	66mm	46mm	26mm
RX510A	76mm	52mm	29mm



UNIVERSAL ENCLOSURES

HAND HELD CASES

HEAVY DUTY ENCLOSURES

DIN RAIL ENCLOSURES

INTERFACE SUPPORTS

ELECTRICAL ENCLOSURES

DIECAST & METAL ENCLOSURES

DESKTOP & INSTRUMENT CASES

MULTI-PURPOSE & POTTING BOXES

19" ENCLOSURES

19" CABINETS

DEVELOPMENT BOARD ENCLOSURES

CUSTOM SIZED ENCLOSURES

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# MULTI-PURPOSE & POTTING BOXES

## 300 Series Multi-Purpose Boxes

UNIVERSAL ENCLOSURES

An economic range of multi-purpose flame retardant ABS enclosures with deep-profile lid.

HAND HELD CASES

- Moulded in UL94-V0 ABS
- Lid mounted by 4x self-tapping screws (smallest & largest sizes snap-fit)
- PCB pillars in base

HEAVY DUTY ENCLOSURES

DIN RAIL ENCLOSURES

INTERFACE SUPPORTS

ELECTRICAL ENCLOSURES

DIECAST & METAL ENCLOSURES

DESKTOP & INSTRUMENT CASES

MULTI-PURPOSE & POTTING BOXES

19" ENCLOSURES

19" CABINETS

DEVELOPMENT BOARD ENCLOSURES

CUSTOM SIZED ENCLOSURES

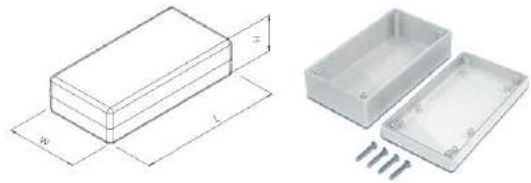
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### SPECIFICATION

Materials	Lid & base ABS, UL94-V0
Operating temperature	Resistant to temperatures up to 85°C
Standard colours	Light grey similar to RAL 7035 Black similar to RAL 5004
Standard unit includes	Lid & base

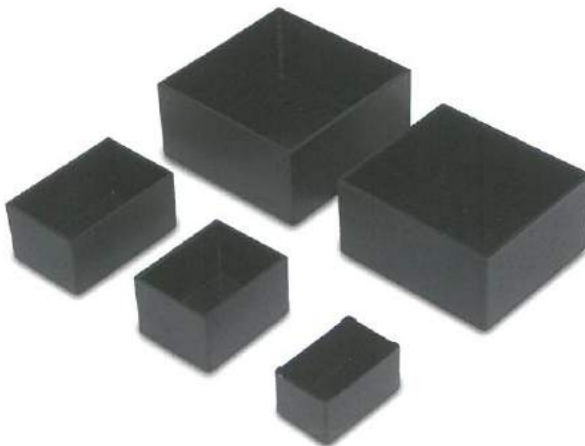
BLACK	GREY	LENGTH	WIDTH	HEIGHT	SNAP FIT
BE300-5030B	BE300-5030G	50mm	50mm	30mm	•
BE300-5025B	BE300-5025G	100mm	50mm	25mm	
BE300-5040B	BE300-5040G	100mm	50mm	40mm	
BE300-6540B	BE300-6540G	120mm	65mm	40mm	
BE300-6565B	BE300-6565G	120mm	65mm	66mm	
BE300-1145B	BE300-1145G	185mm	110mm	45mm	•



## 100 Series Open Potting Boxes

Comprehensive range of open top potting boxes. Maximum protection against shock, chemicals, moisture and temperature.

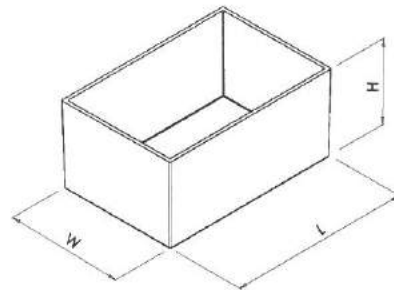
- Encapsulate and protect electronic components
- Moulded in ABS
- Highly resistant to most chemicals
- High rigidity and impact strength
- Compliant with water absorption specifications to DIN53495



### SPECIFICATION

Materials	ABS, UL94-V0 to order
Operating temperature	-20°C to +94°C
Standard colours	Black
Standard unit includes	Box Supplied in packs of 10

BLACK	LENGTH	WIDTH	HEIGHT	WALL THICKNESS
RTM101-BLK	25mm	20mm	15mm	1mm
RTM102-BLK	30mm	20mm	15mm	1mm
RTM103-BLK	40mm	35mm	20mm	1mm
RTM104-BLK	50mm	40mm	30mm	1mm
RTM105-BLK	75mm	50mm	35mm	1.4mm
RTM106-BLK	100mm	60mm	25mm	1.5mm
RTM107-BLK	40mm	40mm	20mm	1mm
RTM108-BLK	50mm	50mm	30mm	1mm
RTM109-BLK	11mm	11mm	9mm	0.5mm
RTM110-BLK	22mm	14mm	9mm	0.5mm
RTM111-BLK	30mm	30mm	20mm	1mm
RTM112-BLK	25mm	25mm	25mm	1mm
RTM113-BLK	40mm	40mm	30mm	1mm
RTM114-BLK	75mm	75mm	40mm	1mm
RTM115-BLK	89mm	64mm	33mm	1.5mm
RTM116-BLK	100mm	50mm	25mm	1.3mm



UNIVERSAL ENCLOSURES

HAND HELD CASES

HEAVY DUTY ENCLOSURES

DIN RAIL ENCLOSURES

INTERFACE SUPPORTS

CONTROL STATIONS

DIECAST & METAL ENCLOSURES

DESKTOP & INSTRUMENT CASES

MULTI-PURPOSE & POTTING BOXES

19" RACK MOUNT CASE  
Mount Case

p94

Handles

p94



## 19" ENCLOSURES

### 19" DESKTOP ENCLOSURES

Enclosures

p95

19" Silver Front Panel

p95

19" Panel Anthracite

p95

Attachment Set

p95



19" CABINETS

DEVELOPMENT BOARD ENCLOSURES

CUSTOM SIZED ENCLOSURES

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# 19" ENCLOSURES

## 19" Rack Mount Case

UNIVERSAL ENCLOSURES

Designed for electronic and telecommunication equipment to be installed in 19" cabinets, with the ease of assembly, accessibility and strong construction for an effective installation.

HAND HELD CASES

- 1U, 2U & 3U heights
- 260mm & 360mm depths
- Secured with 10x screws M4 (8x for 1U)
- Front & rear internal supports for mounting of trays or PCBs.
- Customisation available; sizes, colour, cutouts, mounting and printing

HEAVY DUTY ENCLOSURES

DIN RAIL ENCLOSURES



INTERFACE SUPPORTS



CONTROL STATIONS

DIECAST & METAL ENCLOSURES

DESKTOP & INSTRUMENT CASES

MULTI-PURPOSE & POTTING BOXES

19" ENCLOSURES

19" CABINETS

DEVELOPMENT BOARD ENCLOSURES

CUSTOM SIZED ENCLOSURES

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### SPECIFICATION

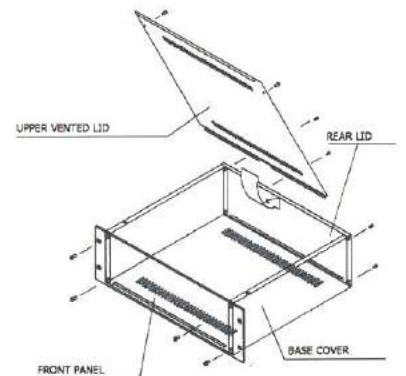
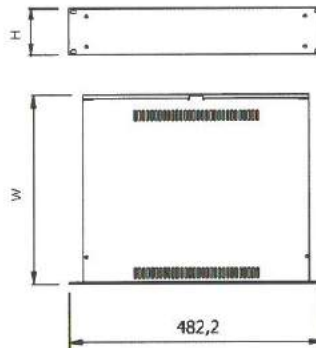
Materials	Front panel 3mm thick aluminium Shell 1mm thick steel
Standard colours	Clear or black anodised front panel Epoxy painted similar to RAL 9002
Standard unit includes	Front panel Shell-box, rear & lid
Options (MOQ's apply)	Custom colours Custom dimensions

### Standard 19" Enclosure

SILVER	BLACK	U	DEPTH	HEIGHT
C19G1263S	C19G1263B	1U	263mm	43.6mm
C19G1363S	C19G1363B	1U	363mm	43.6mm
C19G2263S	C19G2263B	2U	263mm	88.1mm
C19G2363S	C19G2363B	2U	363mm	88.1mm
C19G3263S	C19G3263B	3U	263mm	132.5mm
C19G3363S	C19G3363B	3U	363mm	132.5mm

### 19" Enclosure with handles

SILVER	BLACK	U	DEPTH	HEIGHT
C19G2263SH	C19G2263BH	2U	263mm	88.1mm
C19G2363SH	C19G2363BH	2U	363mm	88.1mm
C19G3263SH	C19G3263BH	3U	263mm	132.5mm
C19G3363SH	C19G3363BH	3U	363mm	132.5mm



### Handles

- Contemporary design - 2U & 3U
- Can be mounted & disassembled without removing the front
- Handle black RAL 9004 or silver

BLACK	SILVER	DESCRIPTION
C192BHAND	C192SHAND	Fits 2U Plate
C193BHAND	C193SHAND	Fits 3U Plate



# 19" ENCLOSURES

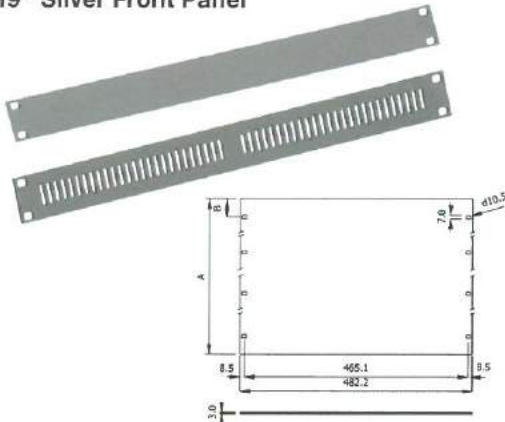
## 19" Desktop Enclosures

Sturdy lightweight 19" enclosures designed to accept 'full-width' 84E subracks and standard plug-in units.

- Heights from 2U up to 9U
- Constructed in 1mm thick steel
- Supplied with front tilt-feet, rear fixed feet
- Ventilation slots in base and rear panel
- Recessed side handles for comfort and ease transport
- Supplied flat-pack, open front design
- Front options ordered separately



### 19" Silver Front Panel



### 19" Panel Anthracite



### Attachment Set

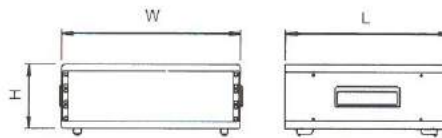


- Nickel-plated M6 x 15mm locking bolt with combi slotted/pozi head, PA washer, M6 caged nut with stainless-steel cage
- Pack of 4

### SPECIFICATION

<b>Materials</b>	Shell: 1mm thick steel Handles: ABS Legs: ABS
<b>Standard colours</b>	Shell: epoxy paint graphite grey Handles: black similar to RAL 9004 Legs: dark grey similar to RAL 7016
<b>Standard unit includes</b>	Top & bases covers Two side panels One rear panel Four feet 19" mounting brackets Handles Mounting hardware
<b>Options</b>	19" Front panels

TYPE NO.	U	WIDTH	HEIGHT	LENGTH
C19DE2330	2U	489mm	131.5mm	330mm
C19DE2450	2U	489mm	131.5mm	450mm
C19DE3330	3U	489mm	176mm	330mm
C19DE3450	3U	489mm	176mm	450mm
C19DE6330	6U	489mm	306mm	330mm
C19DE6450	6U	489mm	306mm	450mm
C19DE9450	9U	489mm	443mm	450mm



- Manufactured in aluminium, 3mm thick, clear anodised
- Vented and solid profiles

STANDARD FRONT	VENTED FRONT	U	HEIGHT	B
CAX19SPS1	CAX19VPS1	1U	43.6mm	5.9mm
CAX19SPS2	CAX19VPS2	2U	88.1mm	5.9mm
CAX19SPS3	CAX19VPS3	3U	132.5mm	37.7mm
CAX19SPS4	CAX19VPS4	4U	177.0mm	37.7mm
CAX19SPS5	CAX19VPS5	5U	221.5mm	37.7mm
CAX19SPS6	CAX19VPS6	6U	265.9mm	37.7mm
CAX19SPS9	CAX19VPS9	9U	399.2mm	37.7mm

- Manufactured in steel (RAL 7016)

STANDARD FRONT	VENTED FRONT	U	HEIGHT (MM)
CAX19SPA1	CAX19VPA1	1U	43.6mm
CAX19SPA2	CAX19VPA2	2U	88.1mm
CAX19SPA3	CAX19VPA3	3U	132.5mm
CAX19SPA4	CAX19VPA4	4U	177.0mm
CAX19SPA5	CAX19VPA5	5U	221.5mm
CAX19SPA6	CAX19VPA6	6U	265.9mm
CAX19SPA9	CAX19VPA9	9U	399.2mm

TYPE NO.	DESCRIPTION
CAX000001	Attachment set

UNIVERSAL ENCLOSURES

HAND HELD CASES

HEAVY DUTY ENCLOSURES

DIN RAIL ENCLOSURES

INTERFACE SUPPORTS

CONTROL STATIONS

DIECAST & METAL ENCLOSURES

DESKTOP & INSTRUMENT CASES

MULTI-PURPOSE & POTTING BOXES

19" ENCLOSURES

19" CABINETS

DEVELOPMENT BOARD ENCLOSURES

CUSTOM SIZED ENCLOSURES

FSPT/CUSTOM SERVICES



UNIVERSAL ENCLOSURES

HAND HELD CASES

HEAVY DUTY ENCLOSURES

DIN RAIL ENCLOSURES

INTERFACE SUPPORTS

CONTROL STATIONS

DIECAST & METAL ENCLOSURES

DESKTOP & INSTRUMENT CASES

MULTI-PURPOSE & POTTING BOXES

19" ENCLOSURES

### CAMRACK-QX

19" Wall Mounted Cabinet

19" Profiles

p97



p97

### CAMRACK-SX

7U Wall Mounted Cabinets

p98



### CAMRACK-WX

19" Wall Mounted Cabinets

19" Profiles

p99

p99



### CAMRACK-LX

19" Modular Cabinets - 600 Wide

19" Modular Cabinets - 800 Wide

p100

p101



### 19" ACCESSORIES

Cantilever Tray

p102

Cantilever Telescopic Tray

p102

Side Mount Tray

p102

Front Guides Mounting

p102

Clip-On Support Guides

p103

Bolt-On Support Guides

p103

Cable Guide Clamps

p103

1U Cable Clamp Panel

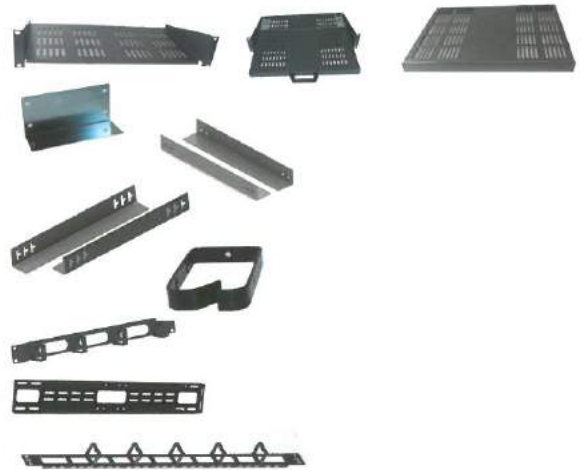
p103

Multi-Functional Cross Members

p103

Vertical Wiring Distributor

p104



## 19" CABINETS

DEVELOPMENT BOARD ENCLOSURES

19" Silver Front Panel

p104

19" Panel Anthracite

p104

Attachment Set

p105

Baying Kit

p105

LX Wheel Kit

p105

CamRack-LX Earthing Kit

p105

Base Plate - Plain

p106

QX/WX Fan Tray

p106

LX Fan Tray

p106



# 19" CABINETS

## CamRack-QX

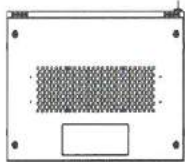
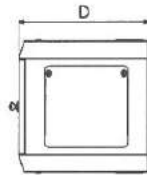
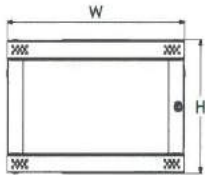
Flat packed-Assembled in **3 minutes!**

19" Wall mounted cabinets, designed for cabling, telecommunications, IT, industrial and home installations

- Delivered flat packed for ease of access to all installations. Also reduces associated logistic costs and offers greater protection during transit
- Fast and efficient 3 minute assembly without tools
- 2x 19" mounting profiles. Variable depth, in 20mm increments
- Fast fixings 1/4 turn locks
- Quick release door. Tempered, smokey safety glass
- Easily removable side panels with 2x 1/4 turn locks
- Easily drilled plastic blanking covers for cable entry
- Template for wall mounting, included
- Maximum recommended load capacity: 45kg

Finishes: Epoxy paint, Ral 7016

Delivery: Flat packed with carrying handle



RED	BLUE	ORANGE	WHITE	BLACK	U	WIDTH	DEPTH	HEIGHT
CQX064211	CQX064212	CQX064213	CQX064214	CQX064215	6U	578mm	421mm	376mm
CQX094211	CQX094212	CQX094213	CQX094214	CQX094215	9U	578mm	421mm	509mm
CQX125211	CQX125212	CQX125213	CQX125214	CQX125215	12U	578mm	521mm	643mm
CQX155211	CQX155212	CQX155213	CQX155214	CQX155215	15U	578mm	521mm	776mm
* CQX186211	CQX186212	CQX186213	CQX186214	CQX186215	18U	578mm	621mm	917mm

\* Special orders only

### Standard corner colours:



### Other corner colours available upon request:



### 19" Profiles

- Manufactured in steel
- Anthracite Ral 7016

TYPE NO.	U	DESCRIPTION
CQX010006	6U	CamRack-QX 6U Profiles (Pair)
CQX010009	9U	CamRack-QX 9U Profiles (Pair)
CQX010012	12U	CamRack-QX 12U Profiles (Pair)
CQX010015	15U	CamRack-QX 15U Profiles (Pair)



UNIVERSAL ENCLOSURES

HAND HELD CASES

HEAVY DUTY ENCLOSURES

DIN RAIL ENCLOSURES

INTERFACE SUPPORTS

CONTROL STATIONS

DIECAST & METAL ENCLOSURES

DESKTOP & INSTRUMENT CASES

MULTI-PURPOSE & POTTING BOXES

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19" CABINETS

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# 19" CABINETS

## CamRack-SX

UNIVERSAL ENCLOSURES

7U Wall mounted cabinets, designed for SOHO (Small Office, Home Office) installations  
Assembled in **3 minutes!**

HAND HELD CASES

HEAVY DUTY ENCLOSURES

DIN RAIL ENCLOSURES

INTERFACE SUPPORTS

CONTROL STATIONS

DIECAST & METAL ENCLOSURES

DESKTOP & INSTRUMENT CASES

MULTI-PURPOSE & POTTING BOXES

19" ENCLOSURES

19" CABINETS

DEVELOPMENT BOARD ENCLOSURES

CUSTOM SIZED ENCLOSURES

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- Delivered flat packed for ease of access to all installations. Also reduces associated logistic costs and offers greater protection during transit.
  - Fast and efficient assembly without tools.
  - 2x mounting profiles. Variable depth, in 20mm increments. Numbered "U's" optional.
  - Fast fixings 1/4 turn locks.
  - Front door. Tempered, smoked safety glass.
  - No rear panel or door.
  - Cable entry options for the top panels.
  - Cantilever tray supplied.
  - Template for wall mounting included.
  - Distributed recommended load capacity: 40 Kg
- Finishes: RAL 7016, Dark grey, anthracite (See below for corner options)

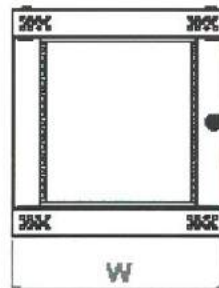
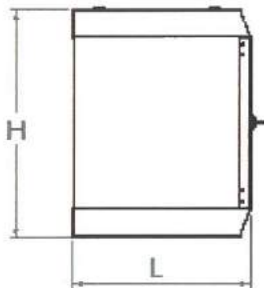


RED	BLUE	ORANGE	WHITE	BLACK	U	WIDTH	DEPTH	HEIGHT
CSX073211	CSX073212	CSX073213	CSX073214	CSX073215	7U	377mm	315mm	420mm

- **Standard corner colours:**



- **Other corner colours available upon request:**



# 19" CABINETS

## CamRack-WX

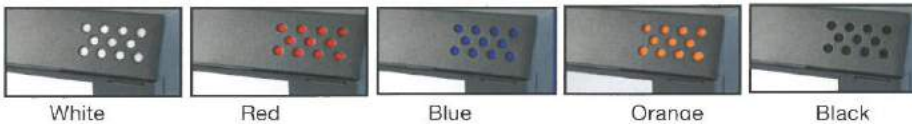
19" Wall mounted cabinets, designed for cabling, telecommunications, IT and industrial and home installations

- Accessibility: front, rear and side, without tools.
- Makes equipment and cabling installation easy. Also allows quick and simple maintenance of the installation.
- Security: all accesses to the rack are blocked using a single front key.
- 19" Profiles, with adjustable depths.
- Transport: assembled, ready for installing
- Measurements: standard heights 6, 9, 12 and 15U.
- Standard finishes: RAL 7016, dark grey, anthracite. (See below for corner options)
- Recommended load: 40 kg.
- Delivery: Assembled, ready to be installed.



RED	BLUE	ORANGE	WHITE	BLACK	U	WIDTH	DEPTH	HEIGHT
CWX065001	CWX065002	CWX065003	CWX065004	CWX065005	6	573mm	612mm	369mm
CWX095001	CWX095002	CWX095003	CWX095004	CWX095005	9	573mm	612mm	503mm
CWX125001	CWX125002	CWX125003	CWX125004	CWX125005	12	573mm	612mm	636mm
CWX155001	CWX155002	CWX155003	CWX155004	CWX155005	15	573mm	612mm	769mm

• **Standard corner colours:**

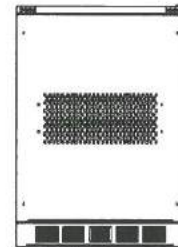
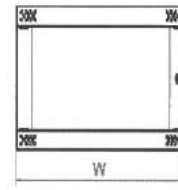
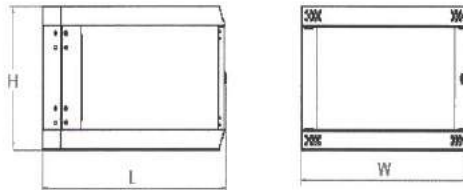


White Red Blue Orange Black

• **Other corner colours available upon request:**



Yellow Green Purple Lilac Grey



**19" Profiles**

- Manufactured in steel
- Anthracite Ral 7016

TYPE NO.	U	DESCRIPTION
CQX010006	6U	CamRack-WX 6U Profiles (Pair)
CQX010009	9U	CamRack-WX 9U Profiles (Pair)
CQX010012	12U	CamRack-WX 12U Profiles (Pair)
CQX010015	15U	CamRack-WX 15U Profiles (Pair)



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CONTROL STATIONS

DIECAST & METAL ENCLOSURES

DESKTOP & INSTRUMENT CASES

MULTI-PURPOSE & POTTING BOXES

19" ENCLOSURES

19" CABINETS

DEVELOPMENT BOARD ENCLOSURES

CUSTOM SIZED ENCLOSURES

FSPT/CUSTOM SERVICES



# 19" CABINETS

## CamRack-LX 600 Wide

Flat packed-Quick Assembly in **5 minutes!**

19" Modular cabinets, 600mm wide, designed for cabling, telecommunications, IT and industrial.

- Delivered flat packed for ease of access to all installations. Also reduces associated logistic costs and offers greater protection during transit
- Aluminium profile external structure with diecast high resistance corners.
- 4x19" sections adjustable in depths (gaps of 20mm). Manufactured in steel 1.5 mm.
- Removable side panels with ¼ turn locks.
- Steel rear door with lock.
- ¼ -turn locking ventilated top panels with cable entries.
- 4 adjustable levelling feet.
- Distributed load capacity: 1000 Kg (static) / 300 Kg (dynamic)
- Finishes: RAL 7016, Dark grey, anthracite (See below for corner options)



UNIVERSAL ENCLOSURES

HAND HELD CASES

HEAVY DUTY ENCLOSURES

DIN RAIL ENCLOSURES

INTERFACE SUPPORTS

CONTROL STATIONS

DIECAST & METAL ENCLOSURES

DESKTOP & INSTRUMENT CASES

MULTI-PURPOSE & POTTING BOXES

19" ENCLOSURES

19" CABINETS

DEVELOPMENT BOARD ENCLOSURES

CUSTOM SIZED ENCLOSURES

FSPT/CUSTOM SERVICES

RED	U	WIDTH	DEPTH	HEIGHT	DESCRIPTION
CLX126601	12	600mm	600mm	661mm	Glass front door
CLX126611	12	600mm	600mm	661mm	Open front door
CLX186601	18	600mm	600mm	928mm	Glass front door
CLX186611	18	600mm	600mm	928mm	Open front door
CLX246601	24	600mm	600mm	1195mm	Glass front door
CLX246611	24	600mm	600mm	1195mm	Open front door
CLX306601	30	600mm	600mm	1461mm	Glass front door
CLX306611	30	600mm	600mm	1461mm	Open front door
CLX366601	36	600mm	600mm	1728mm	Glass front door
CLX366611	36	600mm	600mm	1728mm	Open front door
CLX366801	36	600mm	800mm	1728mm	Glass front door
CLX366811	36	600mm	800mm	1728mm	Open front door
CLX426601	42	600mm	600mm	1998mm	Glass front door
CLX426611	42	600mm	600mm	1998mm	Open front door
CLX426801	42	600mm	800mm	1998mm	Glass front door
CLX426811	42	600mm	800mm	1998mm	Open front door

BLUE	U	WIDTH	DEPTH	HEIGHT	DESCRIPTION
CLX126602	12	600mm	600mm	661mm	Glass front door
CLX126612	12	600mm	600mm	661mm	Open front door
CLX186602	18	600mm	600mm	928mm	Glass front door
CLX186612	18	600mm	600mm	928mm	Open front door
CLX246602	24	600mm	600mm	1195mm	Glass front door
CLX246612	24	600mm	600mm	1195mm	Open front door
CLX306602	30	600mm	600mm	1461mm	Glass front door
CLX306612	30	600mm	600mm	1461mm	Open front door
CLX366602	36	600mm	600mm	1728mm	Glass front door
CLX366612	36	600mm	600mm	1728mm	Open front door
CLX366802	36	600mm	800mm	1728mm	Glass front door
CLX366812	36	600mm	800mm	1728mm	Open front door
CLX426602	42	600mm	600mm	1998mm	Glass front door
CLX426612	42	600mm	600mm	1998mm	Open front door
CLX426802	42	600mm	800mm	1998mm	Glass front door
CLX426812	42	600mm	800mm	1998mm	Open front door

ORANGE	U	WIDTH	DEPTH	HEIGHT	DESCRIPTION
CLX126603	12	600mm	600mm	661mm	Glass front door
CLX126613	12	600mm	600mm	661mm	Open front door
CLX186603	18	600mm	600mm	928mm	Glass front door
CLX186613	18	600mm	600mm	928mm	Open front door
CLX246603	24	600mm	600mm	1195mm	Glass front door
CLX246613	24	600mm	600mm	1195mm	Open front door
CLX306603	30	600mm	600mm	1461mm	Glass front door
CLX306613	30	600mm	600mm	1461mm	Open front door
CLX366603	36	600mm	600mm	1728mm	Glass front door
CLX366613	36	600mm	600mm	1728mm	Open front door
CLX366803	36	600mm	800mm	1728mm	Glass front door
CLX366813	36	600mm	800mm	1728mm	Open front door
CLX426603	42	600mm	600mm	1998mm	Glass front door
CLX426613	42	600mm	600mm	1998mm	Open front door
CLX426803	42	600mm	800mm	1998mm	Glass front door
CLX426813	42	600mm	800mm	1998mm	Open front door

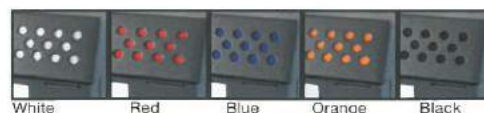
WHITE	U	WIDTH	DEPTH	HEIGHT	DESCRIPTION
CLX126604	12	600mm	600mm	661mm	Glass front door
CLX126614	12	600mm	600mm	661mm	Open front door
CLX186604	18	600mm	600mm	928mm	Glass front door
CLX186614	18	600mm	600mm	928mm	Open front door
CLX246604	24	600mm	600mm	1195mm	Glass front door
CLX246614	24	600mm	600mm	1195mm	Open front door
CLX306604	30	600mm	600mm	1461mm	Glass front door
CLX306614	30	600mm	600mm	1461mm	Open front door
CLX366604	36	600mm	600mm	1728mm	Glass front door
CLX366614	36	600mm	600mm	1728mm	Open front door
CLX366804	36	600mm	800mm	1728mm	Glass front door
CLX366814	36	600mm	800mm	1728mm	Open front door
CLX426604	42	600mm	600mm	1998mm	Glass front door
CLX426614	42	600mm	600mm	1998mm	Open front door
CLX426804	42	600mm	800mm	1998mm	Glass front door
CLX426814	42	600mm	800mm	1998mm	Open front door

BLACK	U	WIDTH	DEPTH	HEIGHT	DESCRIPTION
CLX126605	12	600mm	600mm	661mm	Glass front door
CLX126615	12	600mm	600mm	661mm	Open front door
CLX186605	18	600mm	600mm	928mm	Glass front door
CLX186615	18	600mm	600mm	928mm	Open front door
CLX246605	24	600mm	600mm	1195mm	Glass front door
CLX246615	24	600mm	600mm	1195mm	Open front door
CLX306605	30	600mm	600mm	1461mm	Glass front door
CLX306615	30	600mm	600mm	1461mm	Open front door
CLX366605	36	600mm	600mm	1728mm	Glass front door
CLX366615	36	600mm	600mm	1728mm	Open front door
CLX366805	36	600mm	800mm	1728mm	Glass front door
CLX366815	36	600mm	800mm	1728mm	Open front door
CLX426605	42	600mm	600mm	1998mm	Glass front door
CLX426615	42	600mm	600mm	1998mm	Open front door
CLX426805	42	600mm	800mm	1998mm	Glass front door
CLX426815	42	600mm	800mm	1998mm	Open front door

• Other corner colours available upon request:



• Standard corner colours:





# 19" CABINETS

## CamRack-LX 800 wide

Flat packed-Quick Assembly in **5 minutes!**

19" Modular cabinets, 800mm wide, designed for cabling, telecommunications, IT and industrial

- Delivered flat packed for ease of access to all installations. Also reduces associated logistic costs and offers greater protection during transit
- Aluminium profile external structure with diecast high resistance corners.
- 4x19" sections adjustable in depths (gaps of 20mm). Manufactured in steel 1.5mm.
- Removable side panels with ¼ turn locks.
- Steel rear door with lock.
- ¼ -turn locking ventilated top panels with cable entries.
- 4 adjustable levelling feet.
- Distributed load capacity: 1000 Kg (static) / 300 Kg (dynamic)
- Finishes: RAL 7016, Dark grey, anthracite (See below for corner options)



RED	U	WIDTH	DEPTH	HEIGHT	DESCRIPTION
CLX428601	42	800mm	600mm	1998mm	Glass front door
CLX428801	42	800mm	800mm	1998mm	Glass front door
CLX428611	42	800mm	600mm	1998mm	Open front door
CLX428811	42	800mm	800mm	1998mm	Open front door

WHITE	U	WIDTH	DEPTH	HEIGHT	DESCRIPTION
CLX428604	42	800mm	600mm	1998mm	Glass front door
CLX428804	42	800mm	800mm	1998mm	Glass front door
CLX428614	42	800mm	600mm	1998mm	Open front door
CLX428814	42	800mm	800mm	1998mm	Open front door

BLUE	U	WIDTH	DEPTH	HEIGHT	DESCRIPTION
CLX428602	42	800mm	600mm	1998mm	Glass front door
CLX428802	42	800mm	800mm	1998mm	Glass front door
CLX428612	42	800mm	600mm	1998mm	Open front door
CLX428812	42	800mm	800mm	1998mm	Open front door

BLACK	U	WIDTH	DEPTH	HEIGHT	DESCRIPTION
CLX428605	42	800mm	600mm	1998mm	Glass front door
CLX428805	42	800mm	800mm	1998mm	Glass front door
CLX428615	42	800mm	600mm	1998mm	Open front door
CLX428815	42	800mm	800mm	1998mm	Open front door

ORANGE	U	WIDTH	DEPTH	HEIGHT	DESCRIPTION
CLX428603	42	800mm	600mm	1998mm	Glass front door
CLX428803	42	800mm	800mm	1998mm	Glass front door
CLX428613	42	800mm	600mm	1998mm	Open front door
CLX428813	42	800mm	800mm	1998mm	Open front door

• **Standard corner colours:**



• **Other corner colours available upon request:**



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UNIVERSAL ENCLOSURES

HAND HELD CASES

HEAVY DUTY ENCLOSURES

DIN RAIL ENCLOSURES

INTERFACE SUPPORTS

CONTROL STATIONS

DIECAST & METAL ENCLOSURES

DESKTOP & INSTRUMENT CASES

MULTI-PURPOSE & POTTING BOXES

19" ENCLOSURES

19" CABINETS

DEVELOPMENT BOARD ENCLOSURES

CUSTOM SIZED ENCLOSURES

FSPT/CUSTOM SERVICES



# 19" CABINETS

## Accessories

UNIVERSAL ENCLOSURES

HAND HELD CASES

HEAVY DUTY ENCLOSURES

DIN RAIL ENCLOSURES

INTERFACE SUPPORTS

CONTROL STATIONS

DIECAST & METAL ENCLOSURES

DESKTOP & INSTRUMENT CASES

MULTI-PURPOSE & POTTING BOXES

19" ENCLOSURES

19" CABINETS

DEVELOPMENT BOARD ENCLOSURES

CUSTOM SIZED ENCLOSURES

FSPT/CUSTOM SERVICES

### Cantilever Tray



- Manufactured in steel, 1.5mm thick.
- 19" assembly with four anchoring points on the front sections
- Recommended maximum static load: 10/20 Kg
- Standard ventilation slots
- Front fastening height 2U
- One tray with mounting hardware
- Standard depths 180, 280, 350, 400mm
- Grey graphite epoxy paint, anthracite - RAL 7016
- 1 tray (screws not included)

TYPE NO.	U	DEPTH
CAX2TY180	2U	180mm
CAX2TY280	2U	280mm
CAX2TY350	2U	350mm
CAX2TY400	2U	400mm

### Cantilever Telescopic Tray



- Ideal for holding keyboards
- Manufactured in steel, 1.5mm thick
- 19" assembly with four anchoring points on the front sections
- Recommended maximum static load- 10kg
- Standard ventilation slots
- Front fastening height 2U
- Standard depths 280mm
- Finish: Black epoxy paint
- Telescopic guide rails nickel plated
- 1 Tray, 1 pair telescopic guides, 1 front handle

TYPE NO.	U	DEPTH
CAXCTT280	2U	280mm

### Side Mount Tray



- Manufactured in steel, 1.5mm thick.
- Easy assembly is attached to the rack at four anchoring points with M6 bolts
- Attachment points adaptable to variations in the depth of the 19" sections
- Recommended maximum static load: 60 Kg
- Standard ventilation slots
- Colour epoxy paint, anthracite - RAL 7016
- One tray with mounting hardware

TYPE NO.	WIDTH	DEPTH	RACK
CAXSMT350	424mm	350mm	600 Deep
CAXSMT550	424mm	550mm	900 Deep

### Front Guides Mounting



- Attached to rack by two anchoring points with M6 bolts
- Made of steel, 2mm thick
- Zinc plated coating
- 1 Pair of guides and assembly hardware

TYPE NO.	DESCRIPTION
CAXFMG001	Front guide Mounting

# 19" CABINETS

## Clip-on Support Guides



- Made of steel, 2mm thick
- Quick attachment to the rack, without bolts
- Zinc plated coated
- 1 pair of guides

TYPE NO.	DEPTH
CAXCSG345	345mm
CAXCSG545	545mm

## Bolt-on Support Guides



- Made of steel, 2mm thick
- Height adjustable with standard position indicator
- Zinc plated coated
- 1 pair of guides and assembly hardware

TYPE NO.	DEPTH
CAXBBSG345	345mm
CAXBBSG545	545mm

## Cable Guides Clamps



- Manufactured in steel
- Standard finish: Epoxy paint similar to RAL 9004
- Pack quantity x1

TYPE NO.	DESCRIPTION
CAX19CGC1	1U Guide
CAX19CGC2	2U Guide

## 1U Cable Clamp Panel



- 19" panel for guiding and distributing wires
- Manufactured in steel 1.5mm thick
- Finish: Black epoxy paint similar to RAL 9004
- 1 Panel assembly hardware

TYPE NO.	U
CAX19CCP1	1

## Multi Functional Cross Members



Attached to the lateral structure of rack, they can be used as a cable guide and provide additional anchoring points to the 19" sections.

- Manufactured using 1mm thick steel
- Epoxy paint, graphite grey
- 1 pair and hardware mounting

TYPE NO.	DEPTH
CAXMFM600	600mm
CAXMFM800	800mm

UNIVERSAL ENCLOSURES

HAND HELD CASES

HEAVY DUTY ENCLOSURES

DIN RAIL ENCLOSURES

INTERFACE SUPPORTS

CONTROL STATIONS

DIECAST & METAL ENCLOSURES

DESKTOP & INSTRUMENT CASES

MULTI-PURPOSE & POTTING BOXES

19" ENCLOSURES

19" CABINETS

DEVELOPMENT BOARD ENCLOSURES

CUSTOM SIZED ENCLOSURES

FSPT/CUSTOM SERVICES



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# 19" CABINETS

UNIVERSAL ENCLOSURES

## Vertical Wiring Distributor

HAND HELD CASES



Ideal for the vertical distribution of wiring in the 800mm wide racks. Built-in clamps and integrated outlets for high density of wiring. Possibility to assembly extra clamps at the back side.

HEAVY DUTY ENCLOSURES

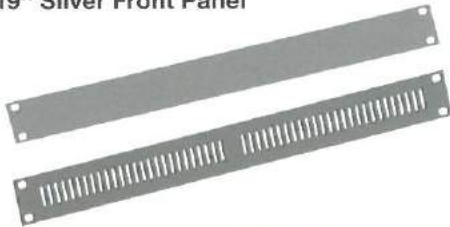
TYPE NO.	DEPTH
CAXVWD42U	42U

- Manufactured in 2mm thick steel
- Epoxy paint, graphite grey
- 1 pair of vertical distributors and assembly hardware

DIN RAIL ENCLOSURES

INTERFACE SUPPORTS

## 19" Silver Front Panel

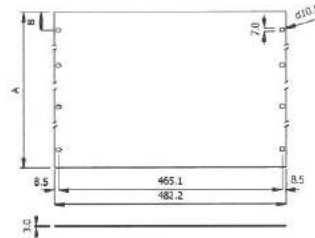


- Manufactured in aluminium, 3mm thick, clear anodised
- Vented and solid profiles

CONTROL STATIONS

DIECAST & METAL ENCLOSURES

STANDARD FRONT	VENTED FRONT	U	HEIGHT	B
CAX19SPS1	CAX19VPS1	1U	43.6mm	5.9mm
CAX19SPS2	CAX19VPS2	2U	88.1mm	5.9mm
CAX19SPS3	CAX19VPS3	3U	132.5mm	37.7mm
CAX19SPS4	CAX19VPS4	4U	177.0mm	37.7mm
CAX19SPS5	CAX19VPS5	5U	221.5mm	37.7mm
CAX19SPS6	CAX19VPS6	6U	265.9mm	37.7mm
CAX19SPS9	CAX19VPS9	9U	399.2mm	37.7mm



DESKTOP & INSTRUMENT CASES

MULTI-PURPOSE & POTTING BOXES

19" ENCLOSURES

## 19" Panel Anthracite



- Manufactured in steel (RAL 7016)

19" CABINETS

DEVELOPMENT BOARD ENCLOSURES

STANDARD FRONT	VENTED FRONT	U	HEIGHT (MM)
CAX19SPA1	CAX19VPA1	1U	43.6mm
CAX19SPA2	CAX19VPA2	2U	88.1mm
CAX19SPA3	CAX19VPA3	3U	132.5mm
CAX19SPA4	CAX19VPA4	4U	177.0mm
CAX19SPA5	CAX19VPA5	5U	221.5mm
CAX19SPA6	CAX19VPA6	6U	265.9mm
CAX19SPA9	CAX19VPA9	9U	399.2mm

CUSTOM SIZED ENCLOSURES

FSPT/CUSTOM SERVICES

# 19" CABINETS

## Attachment Set



- Nickel-plated M6 x 15mm locking bolt with combi slotted/pozi head, PA washer, M6 caged nut with stainless-steel cage
- Pack of 4

TYPE NO.	DESCRIPTION
CAX000001	Attachment set

## Baying Kit



- Fast, effective side-assembly system for attaching two or more racks
- Standard packaging: 8 threaded screws and 4 intermediate sleeves

TYPE NO.	DESCRIPTION
CLX000002	Baying Kit

## LX Wheel Kit



- Set of 4 double rotating wheels with rubber rolling band or polyamide
- Bracket made of stamped steel, with double roll of balls
- Maximum dynamic load acceptable per set: 2400N/240 Kg )

TYPE NO.	DESCRIPTION
CLX000001	LX Wheel Kit

## CamRack LX Earthing Kit



Series of 6 ground lines with straight/ring faston terminals at the ends. Allows all movable parts of rack to be earthed. Made of 2mm copper cable (3.5 insulator)

- Cable length 200/400 mm
- 6 ground wires and assembly hardware

TYPE NO.	DESCRIPTION
CAXEARTH1	6 ground wires and assembly hardware

UNIVERSAL ENCLOSURES

HAND HELD CASES

HEAVY DUTY ENCLOSURES

DIN RAIL ENCLOSURES

INTERFACE SUPPORTS

CONTROL STATIONS

DIECAST & METAL ENCLOSURES

DESKTOP & INSTRUMENT CASES

MULTI-PURPOSE & POTTING BOXES

19" ENCLOSURES

19" CABINETS

DEVELOPMENT BOARD ENCLOSURES

CUSTOM SIZED ENCLOSURES

FSPT/CUSTOM SERVICES



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# 19" CABINETS

UNIVERSAL ENCLOSURES

## Base Plate - Plain

HAND HELD CASES



Made of steel 1.5mm, its 3-part design allows for quick assembly.

- Made of steel 2mm thick
- Epoxy paint, graphite grey
- 1 pair of vertical distributors and assembly hardware

HEAVY DUTY ENCLOSURES

TYPE NO.	RACK WIDTH	RACK DEPTH
CAXBPPPL66	60mm	600mm
CAXBPPPL68	600mm	800mm
CAXBPPPL86	800mm	600mm
CAXBPPPL88	800mm	800mm

DIN RAIL ENCLOSURES

INTERFACE SUPPORTS

## QX/WX Fan Tray

CONTROL STATIONS



- Fan tray with 2 fans.
- Suitable for use with the QX and WX rack.

DIECAST & METAL ENCLOSURES

DESKTOP & INSTRUMENT CASES

TYPE NO.  
CAXFT2FAN

MULTI-PURPOSE & POTTING BOXES

## LX Fan Tray

19" ENCLOSURES



- Fan tray with 4 or 6 fans.
- Suitable for use with the LX 600 deep and 800 deep racks.

19" CABINETS

DEVELOPMENT BOARD ENCLOSURES

TYPE NO.	RACK DEPTH
CAXFT4FAN	600 Deep
CAXFT6FAN	800 Deep Tray

CUSTOM SIZED ENCLOSURES

FSPT/CUSTOM SERVICES

**RASPBERRY PI STYLE ENCLOSURES**

Raspberry Pi A+ Enclosures p108



UNIVERSAL ENCLOSURES

Raspberry Pi B+ & Pi 2 Enclosures p109



HAND HELD CASES

Raspberry Pi B+ or Pi 2 Flanged Enclosures p110



HEAVY DUTY ENCLOSURES

Pi Camera Enclosures p111



INTERFACE SUPPORTS

ARDUINO ENCLOSURES p112



ELECTRICAL ENCLOSURES

BEAGLE BONE BLACK ENCLOSURES p113



DIECAST & METAL ENCLOSURES

BANANA PI ENCLOSURES p114



DESKTOP & INSTRUMENT CASES

ANDROID PC ENCLOSURES p115



MULTI-PURPOSE & POTTING BOXES

APC-BOARD 'ROCK' ENCLOSURES p116



19" ENCLOSURES

19" CABINETS

# DEVELOPMENT BOARD ENCLOSURES

RIOT BOARD ENCLOSURES p117



CUSTOM SIZED ENCLOSURES

CIRRUS LOGIC AUDIO ENCLOSURES & RASPBERRY PI STYLE ENCLOSURES p118



FSPT/CUSTOM SERVICES

DIN RAIL PI B+ ENCLOSURES p119



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# DEVELOPMENT BOARD ENCLOSURES

## STYLE ENCLOSURES

### Raspberry Pi A+ Enclosures

No screws, no glue – just add your filling!

- Designed to house the Raspberry Pi A+ via clip-in grooves - NO SCREWS REQUIRED!
- All cut-outs are pre-cut into the case - NO MODS REQUIRED!
- I/O Connector can be accessed through a slot in the base of the enclosure
- Supplied with rubber feet
- Gloss finish
- L 69.6mm x W 62.4mm x H 31.9mm



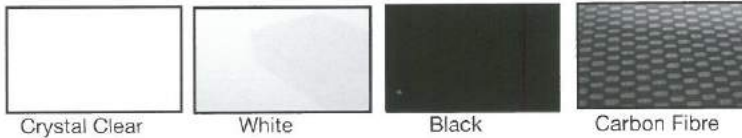
Raspberry Pi A+ not included



#### Material:

- Thickness 3mm: HB Rated
- Coloured materials: High Impact Polystyrene (HIPS)
- Carbon Fibre finish: Acrylic Capped ABS
- Crystal Clear: PETg

Available in a range of colours: Gloss Finish



Other colours available upon request



#### Whole Enclosure

CB PART NO.	COLOURS
CBRPAP-CLR	Crystal Clear
CBRPAP-WHT	White
CBRPAP-BLK	Black
CBRPAP-CAR	Carbon Fibre

#### Tops

CB PART NO.	COLOURS
CBRPAP-AA-CLR	Crystal Clear
CBRPAP-AA-WHT	White
CBRPAP-AA-BLK	Black
CBRPAP-AA-CAR	Carbon Fibre

#### Bases

CB PART NO.	COLOURS
CBRPAP-BA-CLR	Crystal Clear
CBRPAP-BA-WHT	White
CBRPAP-BA-BLK	Black
CBRPAP-BA-CAR	Carbon Fibre

UNIVERSAL ENCLOSURES

HAND HELD CASES

HEAVY DUTY ENCLOSURES

DIN RAIL ENCLOSURES

INTERFACE SUPPORTS

ELECTRICAL ENCLOSURES

DIECAST & METAL ENCLOSURES

DESKTOP & INSTRUMENT CASES

MULTI-PURPOSE & POTTING BOXES

19" ENCLOSURES

19" CABINETS

DEVELOPMENT BOARD ENCLOSURES

CUSTOM SIZED ENCLOSURES

FSPT/CUSTOM SERVICES

# DEVELOPMENT BOARD ENCLOSURES

## STYLE ENCLOSURES

### Raspberry Pi B+ & Pi 2 Enclosures

**No screws, no glue – just add your filling!**

- Designed to house the *via clip-in grooves - NO SCREWS REQUIRED!*
- All cut-outs are pre-cut into the case - **NO MODS REQUIRED!**
- Supplied with removable clear I/O panel
- I/O Connector can be accessed through the removable panel
- Supplied with rubber feet
- Gloss finish
- L 89.4mm x W 62.4mm x H 32mm

**Material:**

- Thickness 3mm: HB Rated
- Coloured Materials: High Impact Polystyrene (HIPS)
- Carbon Fibre Finish: Acrylic Capped ABS
- Crystal Clear: PETg

**Available Gloss Finish colours:**



Crystal Clear



\*Carbon Fibre

\* Carbon Fibre Finish: Acrylic Capped ABS

CB PART NO.	COLOURS
CBRPP-C-CLR	Crystal Clear
CBRPP-C-CAR	Carbon

Other colours available upon request



Raspberry Pi B+ or Pi 2 not PCB included

**No screws, no glue – just add your filling!**

- Designed to house the *via clip-in grooves*
- All cut-outs are pre-cut into the case - **NO MODS REQUIRED!**
- I/O Connector can be accessed through a slot in the base of the enclosure
- Supplied with rubber feet
- Gloss finish
- L 89.4mm x W 62.4mm x H 32mm

**Material:**

- Thickness 3mm: HB Rated
- Coloured materials: High Impact Polystyrene (HIPS)
- Carbon Fibre finish: Acrylic Capped ABS
- Crystal Clear: PETg

**Available gloss finish colours:**



Crystal Clear



White



Black



\*Carbon Fibre

\* Carbon Fibre Finish: Acrylic Capped ABS

Other colours available upon request



Raspberry Pi B+ or Pi 2 PCB not included



Whole Enclosure

CB PART NO.	COLOURS
CBRPP-CLR	Crystal Clear
CBRPP-WHT	White
CBRPP-BLK	Black
CBRPP-CAR	Carbon Fibre



Tops

CB PART NO.	COLOURS
CBRPP-AA-CLR	Crystal Clear
CBRPP-AA-WHT	White
CBRPP-AA-BLK	Black
CBRPP-AA-CAR	Carbon Fibre



Bases

CB PART NO.	COLOURS
CBRPP-BA-CLR	Crystal Clear
CBRPP-BA-WHT	White
CBRPP-BA-BLK	Black
CBRPP-BA-CAR	Carbon Fibre



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- UNIVERSAL ENCLOSURES
- HAND HELD CASES
- HEAVY DUTY ENCLOSURES
- DIN RAIL ENCLOSURES
- INTERFACE SUPPORTS
- ELECTRICAL ENCLOSURES
- DIECAST & METAL ENCLOSURES
- DESKTOP & INSTRUMENT CASES
- MULTI-PURPOSE & POTTING BOXES
- 19" ENCLOSURES
- 19" CABINETS
- DEVELOPMENT BOARD ENCLOSURES
- CUSTOM SIZED ENCLOSURES
- FSPT/CUSTOM SERVICES



# DEVELOPMENT BOARD ENCLOSURES

## RASPBERRY PI STYLE ENCLOSURES

### Raspberry Pi B+ or Pi 2 Flanged Enclosures

UNIVERSAL ENCLOSURES

HAND HELD CASES

HEAVY DUTY ENCLOSURES

DIN RAIL ENCLOSURES

INTERFACE SUPPORTS

ELECTRICAL ENCLOSURES

DIECAST & METAL ENCLOSURES

DESKTOP & INSTRUMENT CASES

MULTI-PURPOSE & POTTING BOXES

19" ENCLOSURES

19" CABINETS

DEVELOPMENT BOARD ENCLOSURES

CUSTOM SIZED ENCLOSURES

FSPT/CUSTOM SERVICES

No screws, no glue – just add your **Raspberry Pi** filling!

- Designed to house the **Raspberry Pi B+ or Pi 2** via clip-in grooves - **NO SCREWS REQUIRED!**
- All cut-outs are pre-cut into the case - **NO MODS REQUIRED!**
- I/O Connector can be accessed through a slot in the base of the enclosure
- Wall mountable via keyhole slots in flanges
- Top of the enclosure can be removed whilst the base is still attached to the wall
- Gloss finish
- L 89.4mm x W 80.4mm x H 32mm

#### Material:

- Thickness 3mm: HB Rated
- Coloured materials: High Impact Polystyrene (HIPS)
- Carbon Fibre finish: Acrylic Capped ABS
- Crystal Clear: PETg

#### Available Gloss Finish colours:



Crystal Clear

White

Black

\*Carbon Fibre

\* Carbon Fibre Finish: Acrylic Capped ABS

Other colours available upon request



CB PART NO.	COLOURS
CBRPP-F-CLR	Crystal Clear
CBRPP-F-WHT	White
CBRPP-F-BLK	Black
CBRPP-F-CAR	Carbon Fibre



Raspberry Pi B+ or Pi 2 PCB not included



# DEVELOPMENT BOARD ENCLOSURES

## RASPBERRY PI STYLE ENCLOSURES

### Pi Camera Enclosures

No screws, no glue – just add your *Raspberry Pi* Camera!

- Designed to house the *Pi Camera* via clip-in grooves - **NO SCREWS REQUIRED!**
- All cut-outs are pre-cut into the case - **NO MODS REQUIRED!**
- Wall mountable
- High gloss finish

#### Material:

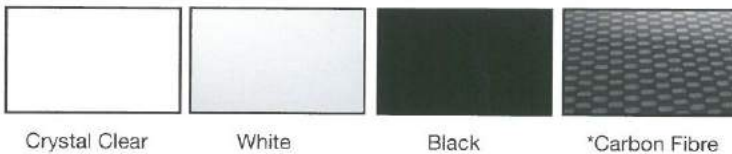
- Thickness 3mm: HB Rated
- Coloured materials: High Impact Polystyrene (HIPS)
- Carbon Fibre finish: Acrylic Capped ABS



Raspberry Pi Camera not included

CB PART NO.	COLOURS
CBRPC-WHT-NL	White
CBRPC-CAR-NL	Carbon Fibre
CBRPC-BLK-NL	Black
CBRPC-CLR-NL	Crystal Clear

Available in a range of colours: Gloss Finish



Crystal Clear

White

Black

\*Carbon Fibre

Other colours available upon request



UNIVERSAL  
ENCLOSURES

HAND  
HELD  
CASES

HEAVY  
DUTY  
ENCLOSURES

DIN  
RAIL  
ENCLOSURES

INTERFACE  
SUPPORTS

ELECTRICAL  
ENCLOSURES

DIECAST  
& METAL  
ENCLOSURES

DESKTOP &  
INSTRUMENT  
CASES

MULTI-PURPOSE  
& POTTING  
BOXES

19"  
ENCLOSURES

19"  
CABINETS

DEVELOPMENT  
BOARD  
ENCLOSURES

CUSTOM  
SIZED  
ENCLOSURES

FSPT/CUSTOM  
SERVICES



# DEVELOPMENT BOARD ENCLOSURES

## Arduino Enclosures

UNIVERSAL ENCLOSURES

HAND HELD CASES

HEAVY DUTY ENCLOSURES

DIN RAIL ENCLOSURES

INTERFACE SUPPORTS

ELECTRICAL ENCLOSURES

DIECAST & METAL ENCLOSURES

DESKTOP & INSTRUMENT CASES

MULTI-PURPOSE & POTTING BOXES

19" ENCLOSURES

19" CABINETS

DEVELOPMENT BOARD ENCLOSURES

CUSTOM SIZED ENCLOSURES

FSPT/CUSTOM SERVICES

### NO SCREWS, NO GLUE, MIX AND MATCH CASES FOR THE ARDUINO

- Designed to house the Arduino Uno and Ethernet shield, via clip-in grooves - **NO SCREWS REQUIRED!**
- All cut-outs are pre-cut into the case - **NO MODS REQUIRED!**
- Supplied with rubber feet
- Gloss finish
- **Mix and match colours - HAVE IT YOUR WAY!**

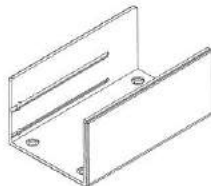
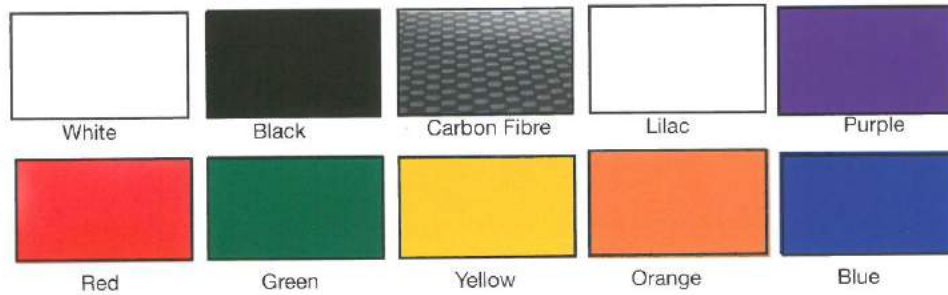


Arduino and Arduino Board not included

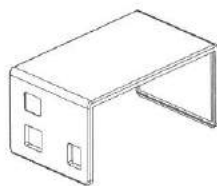
#### Material:

- Thickness 3mm: HB Rated
- Coloured materials: High Impact Polystyrene (HIPS)
- Carbon Fibre finish: Acrylic Capped ABS

#### Available in a range of colours: Gloss finish



BASE



TOP

CB PART NO.	COLOURS
CBARD-BA-BLK	Black
CBARD-BA-BLU	Blue
CBARD-BA-GRN	Green
CBARD-BA-LIL	Lilac
CBARD-BA-ORG	Orange
CBARD-BA-PUR	Purple
CBARD-BA-RED	Red
CBARD-BA-WHT	White
CBARD-BA-YEL	Yellow
CBARD-BA-CAR	Carbon Fibre

CB PART NO.	COLOURS
CBARD-AA-BLK	Black
CBARD-AA-BLU	Blue
CBARD-AA-GRN	Green
CBARD-AA-LIL	Lilac
CBARD-AA-ORG	Orange
CBARD-AA-PUR	Purple
CBARD-AA-RED	Red
CBARD-AA-WHT	White
CBARD-AA-YEL	Yellow
CBARD-AA-CAR	Carbon Fibre

# DEVELOPMENT BOARD ENCLOSURES

## Beagle Bone Black Enclosures

### NO SCREWS, NO GLUE, CASES FOR THE BEAGLE BONE BLACK

- Designed to house the Beagle Bone Black PCB, via clip-in grooves - **NO SCREWS REQUIRED!**
- All cut-outs are pre-cut into the case - **NO MODS REQUIRED!**
- Wall mountable
- Supplied with four rubber feet
- Supplied with LED light pipes (excluding clear)
- Supplied with three actuators
- High gloss finish

#### Material:

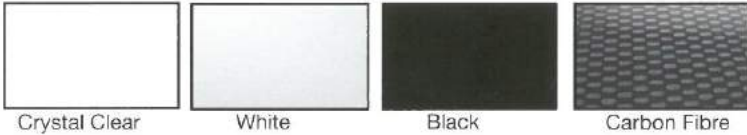
- Thickness 3mm: HB Rated
- Coloured materials: High Impact Polystyrene (HIPS)
- Carbon Fibre finish: Acrylic Capped ABS



Beagle Bone Black PCB not included

CB PART NO.	COLOURS
CBBBB-BLK	Black
CBBBB-WHT	White
CBBBB-CAR	Carbon Fibre
CBBBB-CLR	Crystal Clear

#### Available in a range of colours: Gloss finish



Other colours available upon request



UNIVERSAL ENCLOSURES

HAND HELD CASES

HEAVY DUTY ENCLOSURES

DIN RAIL ENCLOSURES

INTERFACE SUPPORTS

ELECTRICAL ENCLOSURES

DIECAST & METAL ENCLOSURES

DESKTOP & INSTRUMENT CASES

MULTI-PURPOSE & POTTING BOXES

19" ENCLOSURES

19" CABINETS

DEVELOPMENT BOARD ENCLOSURES

CUSTOM SIZED ENCLOSURES

FSPTCUSTOM SERVICES



# DEVELOPMENT BOARD ENCLOSURES

## Banana Pi Enclosures

UNIVERSAL ENCLOSURES

HAND HELD CASES

HEAVY DUTY ENCLOSURES

DIN RAIL ENCLOSURES

INTERFACE SUPPORTS

ELECTRICAL ENCLOSURES

DIECAST & METAL ENCLOSURES

DESKTOP & INSTRUMENT CASES

MULTI-PURPOSE & POTTING BOXES

19" ENCLOSURES

19" CABINETS

DEVELOPMENT BOARD ENCLOSURES

CUSTOM SIZED ENCLOSURES

FSPT/CUSTOM SERVICES

### NO SCREWS, NO GLUE, CASES FOR THE BANANA PI

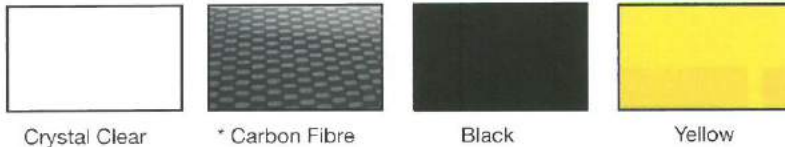
- Designed to house the Banana Pi PCB, via clip-in grooves - **NO SCREWS REQUIRED!**
- All cut-outs are pre-cut into the case - **NO MODS REQUIRED!**
- Pre-defined Microphone sensor holes
- Wall mountable
- Supplied with four rubber feet
- Front LVDS connector and rear camera slots
- GPIO Headers can be accessed through a slot in the base
- High gloss finish



#### Material:

- Thickness 3mm: HB Rated
- Coloured materials: High Impact Polystyrene (HIPS)
- Carbon Fibre finish: Acrylic Capped ABS

#### Available in a range of colours: Gloss finish



Crystal Clear

\* Carbon Fibre

Black

Yellow

\* Carbon fibre finish: Acrylic capped ABS

Other colours available upon request



Banana Pi PCB not included



#### BASE

CB PART NO.	COLOURS
CBDBBP-BA-CLR	Crystal Clear
CBDBBP-BA-CAR	Carbon Fibre
CBDBBP-BA-BLK	Black
CBDBBP-BA-YEL	Yellow

#### TOP

CB PART NO.	COLOURS
CBDBBP-AA-CLR	Crystal Clear
CBDBBP-AA-CAR	Carbon Fibre
CBDBBP-AA-BLK	Black
CBDBBP-AA-YEL	Yellow

# DEVELOPMENT BOARD ENCLOSURES

## Android PC Enclosures

### NO SCREWS, NO GLUE, CLIP TOGETHER CASE FOR THE ANDROID PC

- Designed to house the Android PC, via clip-in grooves - **NO SCREWS REQUIRED!**
- All cut-outs are pre-cut into the case - **NO MODS REQUIRED!**
- Supplied with rubber feet
- Gloss finish

#### Material:

- Thickness 3mm: HB Rated
- Coloured materials: High Impact Polystyrene (HIPS)



Android PC not included

CB PART NO.	COLOURS
CBAPC-WHT	White
CBAPC-BLK	Black

#### Standard Colours



White

Black

Other colours available upon request



UNIVERSAL  
ENCLOSURES

HAND  
HELD  
CASES

HEAVY  
DUTY  
ENCLOSURES

DIN  
RAIL  
ENCLOSURES

INTERFACE  
SUPPORTS

ELECTRICAL  
ENCLOSURES

DIECAST  
& METAL  
ENCLOSURES

DESKTOP &  
INSTRUMENT  
CASES

MULTI-PURPOSE  
& POTTING  
BOXES

19"  
ENCLOSURES

19"  
CABINETS

DEVELOPMENT  
BOARD  
ENCLOSURES

CUSTOM  
SIZED  
ENCLOSURES

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# DEVELOPMENT BOARD ENCLOSURES

## APC-board 'Rock' Enclosures

UNIVERSAL  
ENCLOSURES

**NO SCREWS, NO GLUE, CLIP TOGETHER CASE FOR THE ANDROID PC**

HAND  
HELD  
CASES

- Designed to house the Android PC, via clip-in grooves - **NO SCREWS REQUIRED!**
- All cut-outs are pre-cut into the case - **NO MODS REQUIRED!**
- Supplied with rubber feet
- Gloss finish

HEAVY  
DUTY  
ENCLOSURES

DIN  
RAIL  
ENCLOSURES

**Material:**

- Thickness 3mm: HB Rated
- Coloured materials: High Impact Polystyrene (HIPS)

INTERFACE  
SUPPORTS



APC Rock not included

ELECTRICAL  
ENCLOSURES

CB PART NO.	COLOURS
CBARK-WHT	White
CBARK-BLK	Black

DIECAST  
& METAL  
ENCLOSURES

**Standard Colours**



White

Black

DESKTOP &  
INSTRUMENT  
CASES

MULTI-PURPOSE  
& POTTING  
BOXES

Other colours available upon request



19"  
ENCLOSURES

19"  
CABINETS

DEVELOPMENT  
BOARD  
ENCLOSURES

CUSTOM  
SIZED  
ENCLOSURES

FSPT/CUSTOM  
SERVICES

# DEVELOPMENT BOARD ENCLOSURES

## RIoT Board Enclosures

### No screws, no glue, cases for the RIoT Board

- Designed to house the **RIoT Board PCB** via clip-in grooves - **NO SCREWS REQUIRED!**
- All cut-outs are pre-cut into the case - **NO MODS REQUIRED!**
- Additional pre-defined cutouts on the top of the enclosure for the Serial debug port, JTAG and Expansion Port
- Supplied with rubber feet
- LED light pipe is included (Excludes clear version)
- Wall mountable
- Gloss finish
- L 123mm x W 79.6mm x H 35.7mm

#### Material:

- Thickness 3mm: HB Rated
- Coloured materials: High Impact Polystyrene (HIPS)

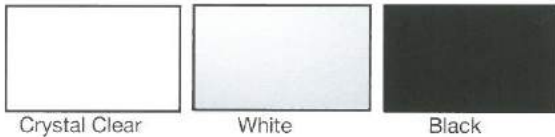


RIoT Board not included



CB PART NO.	COLOURS
CBDBRB-BLK	Black
CBDBRB-WHT	White
CBDBRB-CLR	Clear

#### Available in a range of colours: Gloss finish



Crystal Clear

White

Black

Other colours available upon request



UNIVERSAL ENCLOSURES

HAND HELD CASES

HEAVY DUTY ENCLOSURES

DIN RAIL ENCLOSURES

INTERFACE SUPPORTS

ELECTRICAL ENCLOSURES

DIECAST & METAL ENCLOSURES

DESKTOP & INSTRUMENT CASES

MULTI-PURPOSE & POTTING BOXES

19" ENCLOSURES

19" CABINETS

DEVELOPMENT BOARD ENCLOSURES

CUSTOM SIZED ENCLOSURES

FSPT/CUSTOM SERVICES



# DEVELOPMENT BOARD ENCLOSURES

## Cirrus Logic Audio Enclosures and Raspberry Pi style Enclosures

UNIVERSAL  
ENCLOSURES

HAND  
HELD  
CASES

HEAVY  
DUTY  
ENCLOSURES

DIN  
RAIL  
ENCLOSURES

INTERFACE  
SUPPORTS

ELECTRICAL  
ENCLOSURES

DIECAST  
& METAL  
ENCLOSURES

DESKTOP &  
INSTRUMENT  
CASES

MULTI-PURPOSE  
& POTTING  
BOXES

19"  
ENCLOSURES

19"  
CABINETS

DEVELOPMENT  
BOARD  
ENCLOSURES

CUSTOM  
SIZED  
ENCLOSURES

FSPT/CUSTOM  
SERVICES

No screws, no glue – just add your *Raspberry Pi* filling!

- Designed to house the *Raspberry Pi B+/ Pi 2 & Pi 3 with Cirrus Logic Audio Card* via clip-in grooves  
- **NO SCREWS REQUIRED!**
- All cut-outs are pre-cut into the case
- Pre-defined microphone sensor slots
- Pre defined Pi Camera & display ribbon slots
- Supplied with 4 rubber feet
- High gloss finish

### Material:

- Thickness 3mm: HB Rated
- Coloured materials: High Impact Polystyrene (HIPS)



Raspberry Pi & Cirrus Logic Audio Card assemblies not included

### Standard Colour



CB PART NO.	COLOURS
CBDBCA-BLK	Black

Other colours available upon request



Carbon Fibre finish: Acrylic Capped ABS

# DEVELOPMENT BOARD ENCLOSURES

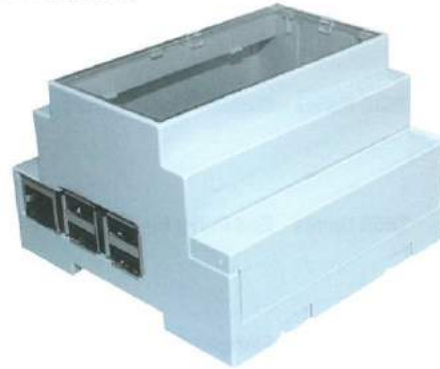
## RASPBERRY PI STYLE ENCLOSURES

### DIN Rail Pi B+ /Pi 2/Pi 3 Enclosures

No screws, no glue – just add your **Raspberry Pi** filling!

- Designed to house the **Raspberry Pi B+/Pi 2 or Pi 3** via clip-in design - **NO SCREWS REQUIRED!**
- All cut-outs are pre-cut into the case - **NO MODS REQUIRED!**
- I/O Connector can be accessed through the terminal guard
- Slot for display ribbon cable
- DIN rail mountable
- Wall mountable
- Moulded in PC (Polycarbonate)
- L 88mm x W 90mm x H 58mm

CB PART NO.	LID COLOUR
CBRPP-DR-CLR	Crystal Clear
CBRPP-DR-GRY	Grey



Raspberry Pi PCB's not included



UNIVERSAL ENCLOSURES

HAND HELD CASES

HEAVY DUTY ENCLOSURES

DIN RAIL ENCLOSURES

INTERFACE SUPPORTS

ELECTRICAL ENCLOSURES

DIECAST & METAL ENCLOSURES

DESKTOP & INSTRUMENT CASES

MULTI-PURPOSE & POTTING BOXES

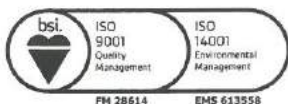
19" ENCLOSURES

19" CABINETS

DEVELOPMENT BOARD ENCLOSURES

CUSTOM SIZED ENCLOSURES

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**CUSTOM SIZED ENCLOSURES**

*UNIVERSAL ENCLOSURES*

7510 Series - Snap Together Enclosures p121

7520 Series - Wall Mount Enclosures p122

*HAND HELD CASES*

7530 Series - Base and Lid Enclosures p123

*HEAVY DUTY ENCLOSURES*

7540 Series - Surface Mount Boxes p124

*DIN RAIL ENCLOSURES*

7550 Series - End Panel Enclosures p125

*INTERFACE SUPPORTS*

7560 Series - Flanged Base Enclosures p126

*ELECTRICAL ENCLOSURES*

7570 Series - Curve Style Enclosures p127

*DIECAST & METAL ENCLOSURES*

7580 Series - Tablet Style Enclosures p128

*DESKTOP & INSTRUMENT CASES*

7590 Series - Flanged Tablet Style Enclosures p129

*MULTI-PURPOSE & POTTING BOXES*

7610 Series - 45 Degree Enclosures p130

*19" ENCLOSURES*

7620 Series - 45 Degree Flanged Enclosures p131

*19" CABINETS*

7630 Series - Angled Front Enclosures p132

*DEVELOPMENT BOARD ENCLOSURES*



# CUSTOM SIZED ENCLOSURES

*FSPT/CUSTOM SERVICES*

7640 Series - Flanged Angled Front Enclosures p133

9400 Series Custom Potting Boxes p134

See Page 140 for IP rating table



# CUSTOM SIZED ENCLOSURES

## 7510 Series - Snap Together Enclosures

Snap together enclosures that can be manufactured in **custom** sizes to fit your PCB Assembly or Components.

### No Design Charges - No Tooling

**SIMPLY PROVIDE YOUR INTERNAL DIMENSIONS FOR A FREE QUOTATION**

#### Features:

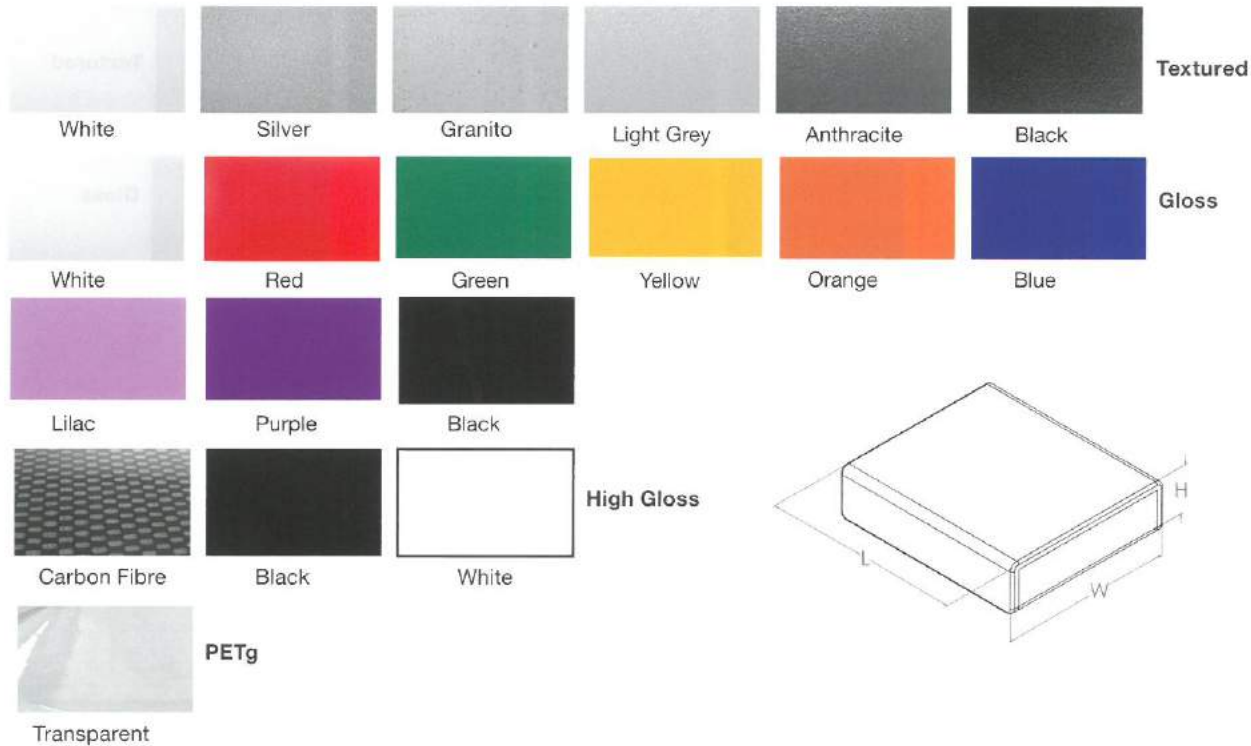
- 2-U-Shape Snap Together Construction
- Manufactured to your **Custom** specifications
- Various material colour and specification options
- Manufactured to order on short lead-times

#### Options:

- Manufactured in HIPS or ABS UL94-HB
- HIPS can be UL94-V0 (self extinguishing)
- CNC Milling (holes, cut-outs, vents, pockets, pillars, windows)
- Screen Printing/Membranes/Overlays

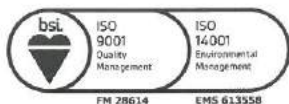
#### Available in a range of colours:

##### Standard colours:



TYPE NO.	LENGTH (INT)	WIDTH (INT)	HEIGHT (INT)	LENGTH (EXT)	WIDTH (EXT)	HEIGHT (EXT)
7511	75mm	65mm	15mm	81mm	71mm	21mm
7512	100mm	75mm	18mm	106mm	81mm	24mm
7513	100mm	50mm	15mm	106mm	56mm	21mm
7514	120mm	80mm	20mm	126mm	86mm	26mm
7515	250mm	120mm	50mm	256mm	126mm	56mm
Custom Size	Please advise dimensions					

Give us your PCB dimensions and we will make an enclosure to fit exactly, including all cutouts, pillars etc!



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UNIVERSAL ENCLOSURES

HAND HELD CASES

HEAVY DUTY ENCLOSURES

DIN RAIL ENCLOSURES

INTERFACE SUPPORTS

ELECTRICAL ENCLOSURES

DIECAST & METAL ENCLOSURES

DESKTOP & INSTRUMENT CASES

MULTI-PURPOSE & POTTING BOXES

19" ENCLOSURES

19" CABINETS

DEVELOPMENT BOARD ENCLOSURES

CUSTOM SIZED ENCLOSURES

FSPT/CUSTOM SERVICES



# CUSTOM SIZED ENCLOSURES

## 7520 Series - Wall Mount Enclosures

Wall Mount Enclosures manufactured in **custom** sizes to fit your PCB Assembly or Components.

### No Design Charges - No Tooling

**SIMPLY PROVIDE YOUR INTERNAL DIMENSIONS FOR A FREE QUOTATION**

#### Features:

- 2-U-Shape Snap Together Flanged Construction
- Wall Mounted via Flanged Sides
- Manufactured to your **Custom** specifications
- Various material colour and specification options
- Manufactured to order on short lead-times

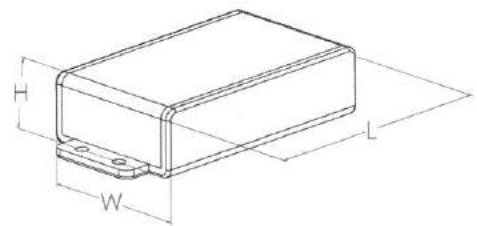
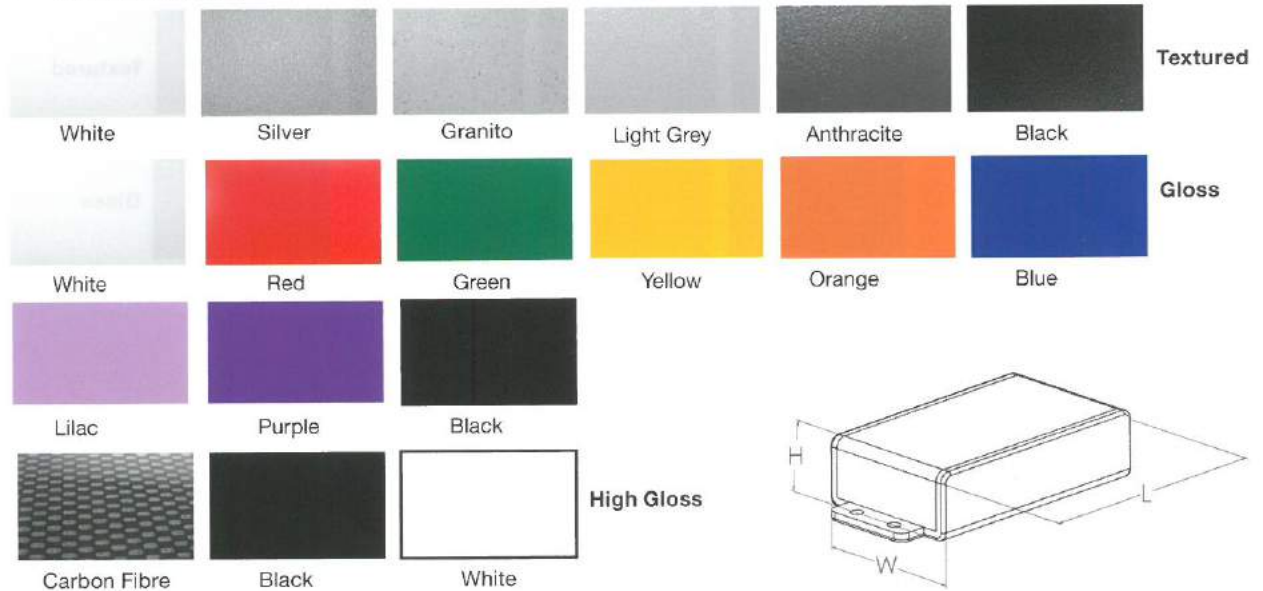
#### Options:

- Manufactured in HIPS or ABS UL94-HB
- HIPS can be UL94-V0 (self extinguishing)
- CNC Milling ( holes, cut-outs, vents, pockets, pillars, windows)
- Screen Printing/Membranes/Overlays



#### Available in a range of colours:

##### Standard colours:



TYPE NO.	LENGTH (INT)	WIDTH (INT)	HEIGHT (INT)	LENGTH (EXT)	WIDTH (EXT)	HEIGHT (EXT)
7521	70mm	40mm	15mm	76mm	46mm	21mm
7522	100mm	45mm	18mm	106mm	51mm	24mm
7523	120mm	50mm	20mm	126mm	56mm	26mm
7524	150mm	150mm	50mm	156mm	156mm	56mm
7525	220mm	150mm	65mm	226mm	156mm	71mm
Custom Size	Please advise dimensions					

Give us your PCB dimensions and we will make an enclosure to fit exactly, including all cutouts, pillars etc!

UNIVERSAL ENCLOSURES

HAND HELD CASES

HEAVY DUTY ENCLOSURES

DIN RAIL ENCLOSURES

INTERFACE SUPPORTS

ELECTRICAL ENCLOSURES

DIECAST & METAL ENCLOSURES

DESKTOP & INSTRUMENT CASES

MULTI-PURPOSE & POTTING BOXES

19" ENCLOSURES

19" CABINETS

DEVELOPMENT BOARD ENCLOSURES

CUSTOM SIZED ENCLOSURES

FSPT/CUSTOM SERVICES

# CUSTOM SIZED ENCLOSURES

## 7530 Series - Base and Lid Enclosures

Base and Lid Enclosures manufactured in **custom** sizes to fit your PCB Assembly or Components.

### No Design Charges - No Tooling

**SIMPLY PROVIDE YOUR INTERNAL DIMENSIONS FOR A FREE QUOTATION**

#### Features:

- Base and Lid Construction
- (x4) M3 countersink screws
- Manufactured to your **Custom** specifications
- Various material colour and specification options
- Manufactured to order on short lead-times

#### Options:

- Manufactured in HIPS or ABS U94-HB
- HIPS can be UL94-V0 (self extinguishing)
- CNC Milling ( holes, cut-outs, vents, pockets, pillars, windows)
- Screen Printing/Membranes/Overlays

#### Available in a range of colours:

##### Standard colours:

The color selection grid is organized as follows:

- Textured:** White, Silver, Granito, Light Grey, Anthracite, Black.
- Gloss:** White, Red, Green, Yellow, Orange, Blue.
- High Gloss:** Lilac, Purple, Black, Carbon Fibre, Black, White.
- PETg:** Transparent.

A 3D perspective diagram of an enclosure is shown with dimensions labeled: L (Length), W (Width), and H (Height).

TYPE NO.	LENGTH (INT)	WIDTH (INT)	HEIGHT (INT)	LENGTH (EXT)	WIDTH (EXT)
7531	60mm	60mm	60mm	66mm	66mm
7532	95mm	75mm	35mm	101mm	81mm
7533	110mm	100mm	18mm	116mm	106mm
7534	165mm	90mm	25mm	171mm	96mm
7535	215mm	130mm	40mm	221mm	136mm
Custom Size	Please advise dimensions				

Give us your PCB dimensions and we will make an enclosure to fit exactly, including all cutouts, pillars etc!

UNIVERSAL ENCLOSURES

HAND HELD CASES

HEAVY DUTY ENCLOSURES

DIN RAIL ENCLOSURES

INTERFACE SUPPORTS

ELECTRICAL ENCLOSURES

DIECAST & METAL ENCLOSURES

DESKTOP & INSTRUMENT CASES

MULTI-PURPOSE & POTTING BOXES

19" ENCLOSURES

19" CABINETS

DEVELOPMENT BOARD ENCLOSURES

CUSTOM SIZED ENCLOSURES

FSPT/CUSTOM SERVICES



# CUSTOM SIZED ENCLOSURES

## 7540 Series - Surface Mount Boxes

Surface Mount Boxes manufactured in **custom** sizes to fit your PCB assembly or Components.

### No Design Charges - No Tooling

**SIMPLY PROVIDE YOUR INTERNAL DIMENSIONS FOR A FREE QUOTATION**



#### Features:

- Base and Lid Construction
- Lid secured via (x4) M3 countersink screws
- Manufactured to your **Custom** specifications
- Various material colour and specification options
- Manufactured to order on short lead-times

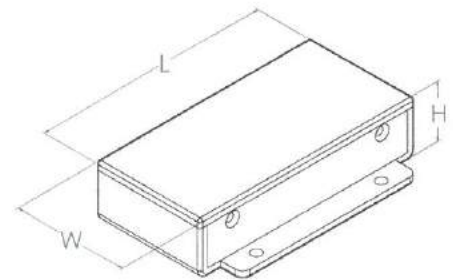
#### Options:

- Manufactured in HIPS, ABS UL94-HB
- HIPS can be UL94-V0 (self extinguishing)
- CNC Milling ( holes, cut-outs, vents, pockets, pillars, windows)
- Screen Printing/Membranes/Overlays

#### Available in a range of colours:

##### • Standard colours:

						Textured
White	Silver	Granito	Light Grey	Anthracite	Black	
						Gloss
White	Red	Green	Yellow	Orange	Blue	
						High Gloss
Lilac	Purple	Black				
Carbon Fibre	Black	White				
						PETg
Transparent						



TYPE NO.	LENGTH (INT)	WIDTH (INT)	HEIGHT (INT)	LENGTH (EXT)	WIDTH (EXT)	HEIGHT (EXT)
7541	80mm	36mm	15mm	86mm	42mm	21mm
7542	90mm	90mm	20mm	96mm	96mm	26mm
7543	100mm	100mm	45mm	106mm	106mm	51mm
7544	175mm	105mm	65mm	181mm	111mm	71mm
7545	195mm	145mm	50mm	201mm	151mm	56mm
Custom Size	Please advise dimensions					

Give us your PCB dimensions and we will make an enclosure to fit exactly, including all cutouts, pillars etc!

# CUSTOM SIZED ENCLOSURES

## 7550 Series - End Panel Enclosures

End Panel Enclosures manufactured in **custom** sizes to fit your PCB Assembly or Components.

### No Design Charges - No Tooling

**SIMPLY PROVIDE YOUR INTERNAL DIMENSIONS FOR A FREE QUOTATION**

#### Features:

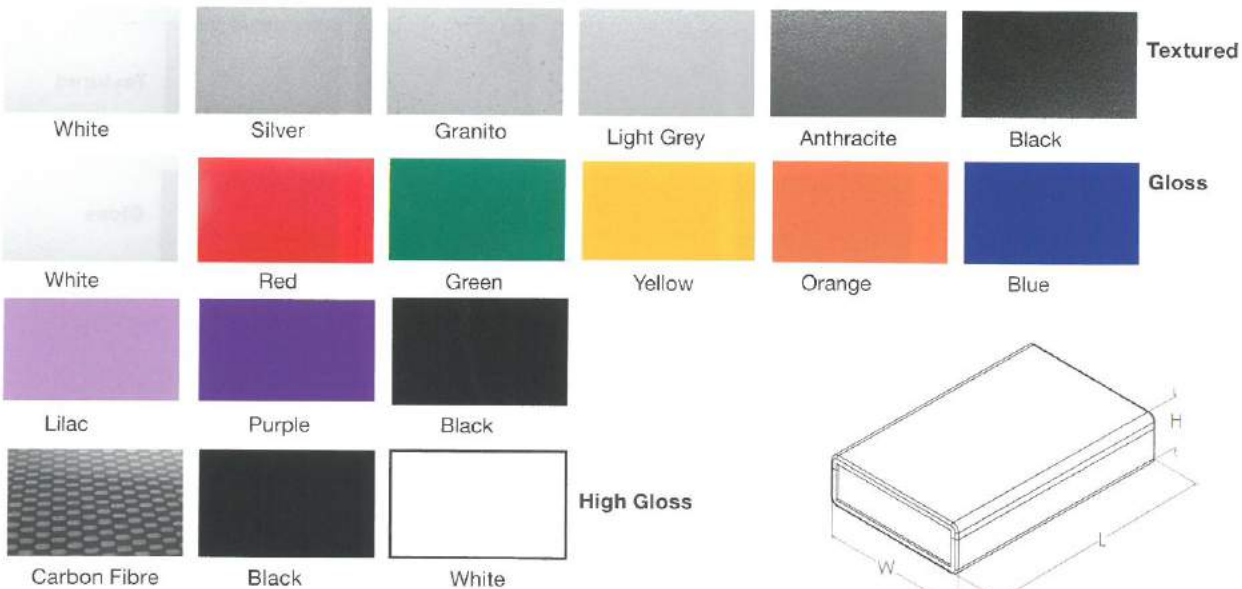
- Flanged Base Enclosure Snap Together Construction
- Four Part End Panel Design
- Manufactured to your **Custom** specifications
- Various material colour and specification options
- Manufactured to order on short lead-times

#### Options:

- Manufactured in HIPS, ABS UL94-HB
- HIPS can be UL94-V0 (self extinguishing)
- CNC Milling ( holes, cut-outs, vents, pockets, pillars, windows)
- Screen Printing/Membranes/Overlays

#### Available in a range of colours:

##### Standard colours:



TYPE NO.	LENGTH (INT)	WIDTH (INT)	HEIGHT (INT)	LENGTH (EXT)	WIDTH (EXT)	HEIGHT (EXT)
7551	92mm	58mm	15mm	100mm	64mm	21mm
7552	112mm	64mm	20mm	120mm	70mm	31mm
7553	118mm	118mm	30mm	126mm	124mm	36mm
7554	144mm	70mm	32mm	152mm	76mm	38mm
7555	244mm	80mm	90mm	252mm	86mm	86mm
Custom Size	Please advise dimension					

Give us your PCB dimensions and we will make an enclosure to fit exactly, including all cutouts, pillars etc!



UNIVERSAL ENCLOSURES

HAND HELD CASES

HEAVY DUTY ENCLOSURES

DIN RAIL ENCLOSURES

INTERFACE SUPPORTS

ELECTRICAL ENCLOSURES

DIECAST & METAL ENCLOSURES

DESKTOP & INSTRUMENT CASES

MULTI-PURPOSE & POTTING BOXES

19" ENCLOSURES

19" CABINETS

DEVELOPMENT BOARD ENCLOSURES

CUSTOM SIZED ENCLOSURES

FSPT/CUSTOM SERVICES



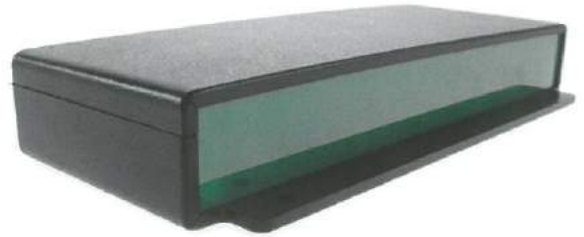
# CUSTOM SIZED ENCLOSURES

## 7560 Series - Flanged Base Enclosures

Flanged Base Enclosures manufactured in **custom** sizes to fit your PCB Assembly or Components.

### No Design Charges - No Tooling

**SIMPLY PROVIDE YOUR INTERNAL DIMENSIONS FOR A FREE QUOTATION**



#### Features:

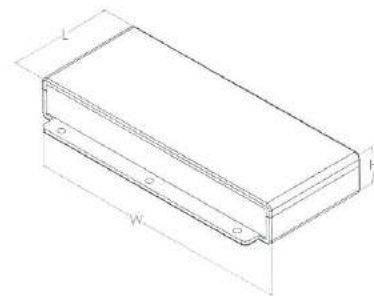
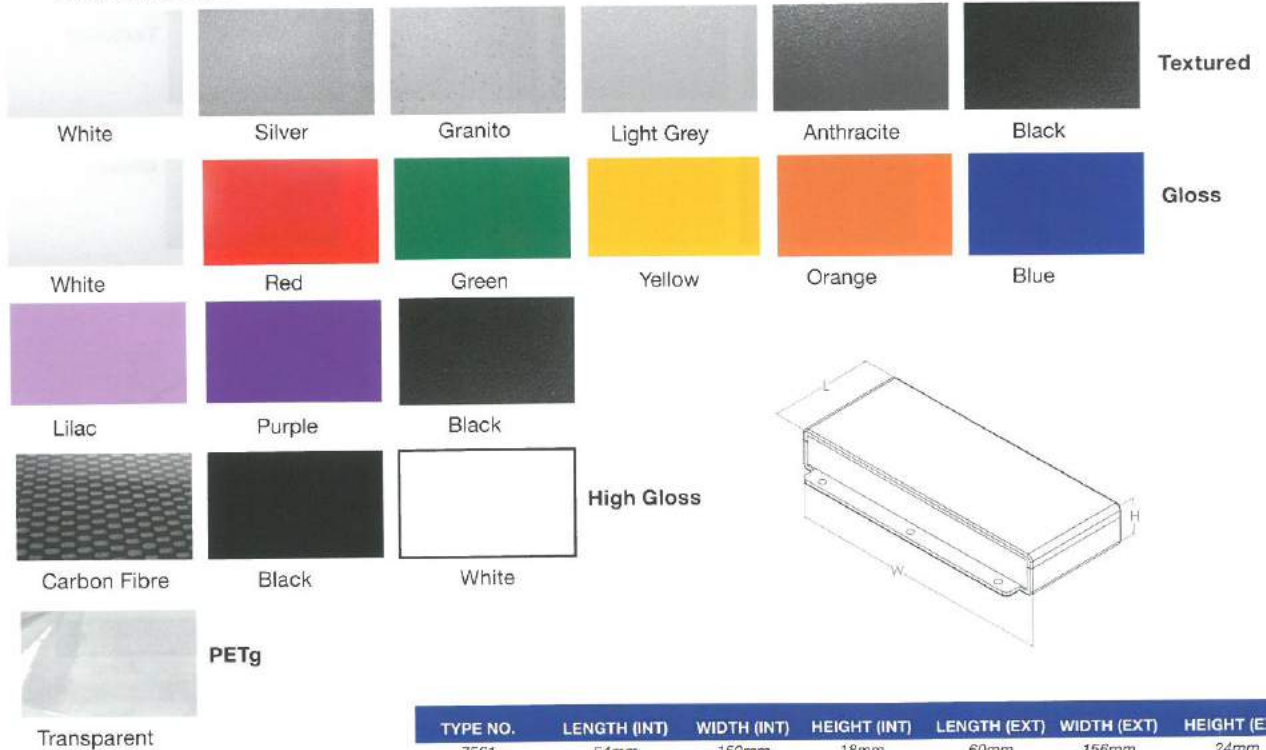
- Flanged Base Enclosure Snap Together Construction
- Four Part End Panel Design
- Manufactured to your **Custom** specifications
- Various material colour and specification options
- Manufactured to order

#### Options:

- Manufactured in HIPS, ABS UL94-HB
- HIPS can be UL94-V0 (self extinguishing)
- CNC Milling (holes, cut-outs, vents, pockets, pillars, windows)
- Screen Printing/Membranes/Overlays

#### Available in a range of colours:

##### Standard colours:



TYPE NO.	LENGTH (INT)	WIDTH (INT)	HEIGHT (INT)	LENGTH (EXT)	WIDTH (EXT)	HEIGHT (EXT)
7561	54mm	150mm	18mm	60mm	156mm	24mm
7562	94mm	54mm	26mm	100mm	60mm	32mm
7563	128mm	102mm	32mm	134mm	108mm	38mm
7564	192mm	122mm	64mm	198mm	128mm	70mm
7565	212mm	134mm	25mm	218mm	142mm	31mm
Custom Size	Please advise dimensions					

Give us your PCB dimensions and we will make an enclosure to fit exactly, including all cutouts, pillars etc!

UNIVERSAL ENCLOSURES

HAND HELD CASES

HEAVY DUTY ENCLOSURES

DIN RAIL ENCLOSURES

INTERFACE SUPPORTS

ELECTRICAL ENCLOSURES

DIECAST & METAL ENCLOSURES

DESKTOP & INSTRUMENT CASES

MULTI-PURPOSE & POTTING BOXES

19" ENCLOSURES

19" CABINETS

DEVELOPMENT BOARD ENCLOSURES

CUSTOM SIZED ENCLOSURES

FSPT/CUSTOM SERVICES

# CUSTOM SIZED ENCLOSURES

## 7570 Series - Curve Style Enclosures

Curve style enclosures manufactured in **custom** sizes to fit your PCB Assembly or Components.

**No Design Charges - No Tooling!**

**SIMPLY PROVIDE YOUR INTERNAL DIMENSIONS FOR A FREE QUOTATION**

### Features:

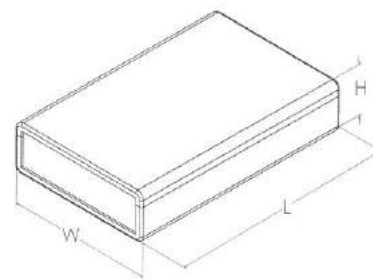
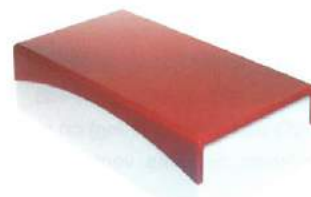
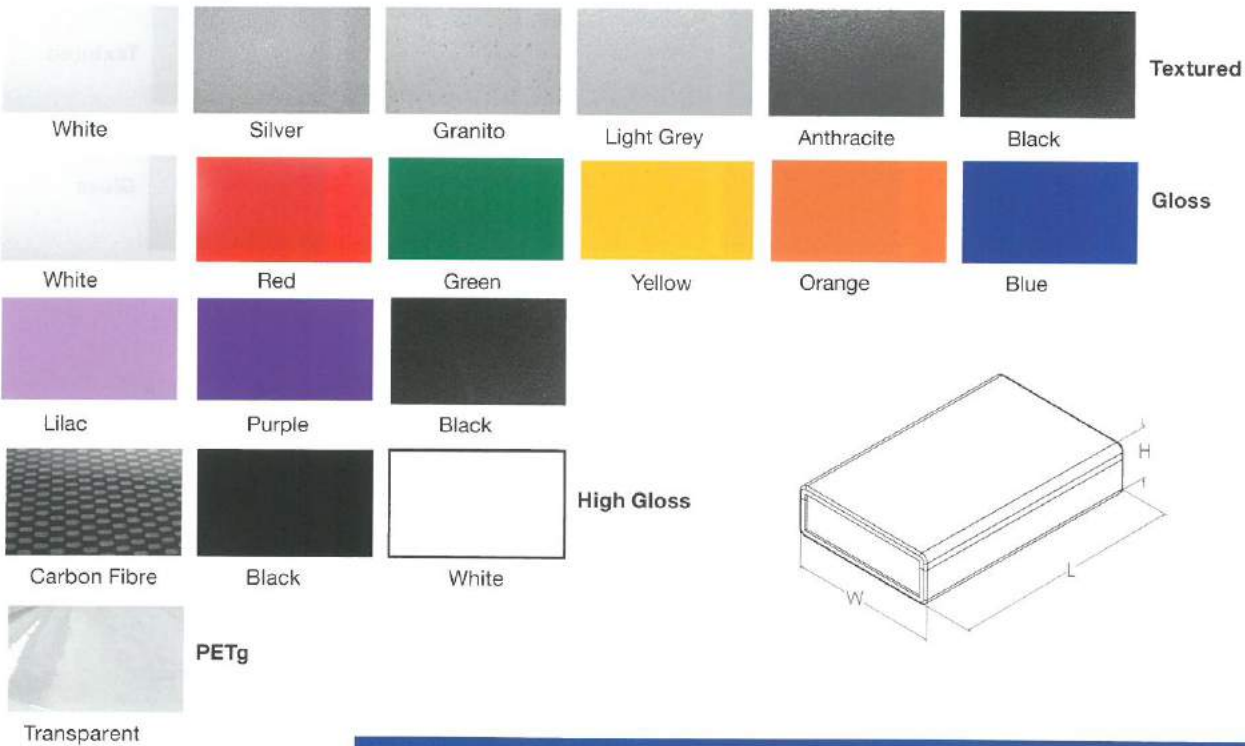
- Four part end panel design with curve feature
- Manufactured to your **Custom** specifications
- Various material colours and specification options
- Short lead-times!

### Options:

- Manufactured in HIPS or ABS UL94-HB
- HIPS UL94-VO (self extinguishing) on request
- CNC Milling (holes, cut-outs, vents, pockets, pillars, windows)
- Screen Printing/Membranes/Overlays

### Available in a range of colours:

#### Standard colours:



TYPE NO.	LENGTH (INT)	WIDTH (INT)	HEIGHT (INT)	LENGTH (EXT)	WIDTH (EXT)	HEIGHT (EXT)
7571	130.1mm	71mm	25mm	138.5mm	77mm	31mm
7572	100.1mm	121mm	25mm	108.5mm	127mm	31mm
7573	150.1mm	141mm	40mm	158.5mm	147mm	46mm
7574	175.1mm	151mm	50mm	183.5mm	157mm	56mm
7575	180.1mm	171mm	55mm	188.5mm	177mm	61mm
Custom Size	Please advise dimension					

Give us your PCB dimensions and we will make an enclosure to fit exactly, including all cutouts, pillars etc!

UNIVERSAL ENCLOSURES

HAND HELD CASES

HEAVY DUTY ENCLOSURES

DIN RAIL ENCLOSURES

INTERFACE SUPPORTS

ELECTRICAL ENCLOSURES

DIECAST & METAL ENCLOSURES

DESKTOP & INSTRUMENT CASES

MULTI-PURPOSE & POTTING BOXES

19" ENCLOSURES

19" CABINETS

DEVELOPMENT BOARD ENCLOSURES

CUSTOM SIZED ENCLOSURES

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# CUSTOM SIZED ENCLOSURES

## 7580 Series - Tablet Style Enclosures

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Clip together Enclosure manufactured in **custom** sizes to fit your PCB Assembly or Components.

HAND HELD CASES

**No Design Charges - No Tooling!**

**SIMPLY PROVIDE YOUR INTERNAL DIMENSIONS FOR A FREE QUOTATION**

HEAVY DUTY ENCLOSURES

**Features:**

- Clip together enclosure with 45 de
- Manufactured to your **Custom** specifications
- Various materials, colours and specification options
- Short lead-times!

DIN RAIL ENCLOSURES

**Options:**

- Manufactured in HIPS or ABS UL94-HB
- HIPS UL94-VO (self extinguishing) on request
- CNC Milling (holes, cut-outs, vents, pockets, pillars)
- Digital Printing

INTERFACE SUPPORTS

ELECTRICAL ENCLOSURES

Available in a range of colours:

• **Standard colours:**

**Textured**

White Silver Granito Light Grey Anthracite Black

**Gloss**

White Red Green Yellow Orange Blue

Lilac Purple Black

**High Gloss**

Carbon Fibre Black White

**PETg**

Transparent

DIECAST & METAL ENCLOSURES

DESKTOP & INSTRUMENT CASES

MULTI-PURPOSE & POTTING BOXES

19" ENCLOSURES

19" CABINETS

DEVELOPMENT BOARD ENCLOSURES

**CUSTOM SIZED ENCLOSURES**

FSP/PCB/CUSTOM SERVICES

TYPE NO.	LENGTH (INT)	WIDTH (INT)	HEIGHT (INT)	LENGTH (EXT)	WIDTH (EXT)	HEIGHT (EXT)
7581	138mm	58mm	7mm	158mm	78mm	10mm
7582	180mm	115mm	7mm	200mm	135mm	10mm
7583	221mm	166mm	7mm	241mm	186mm	10mm
Custom Size	Please advise dimensions					

Give us your PCB/LCD dimensions and we will make an enclosure to fit exactly, including all cutouts, pillars etc!

**No design costs, ideal for dynamic LCD industry**

# CUSTOM SIZED ENCLOSURES

## 7590 Series - Flanged Tablet Style Enclosures

Tablet style enclosures manufactured in **custom** sizes to fit your PCB Assembly or Components.

### No Design Charges - No Tooling!

**SIMPLY PROVIDE YOUR INTERNAL DIMENSIONS FOR A FREE QUOTATION**

#### Features:

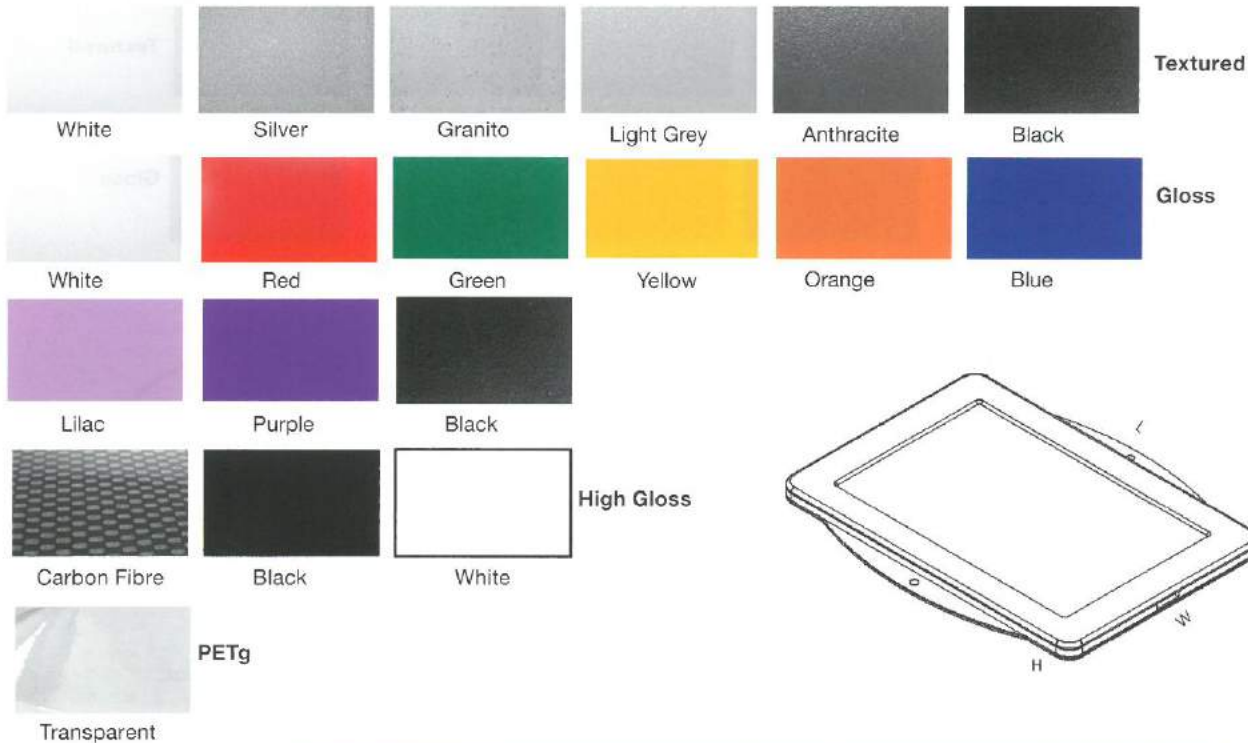
- Two part, removable back construction
- Manufactured to your **Custom** specifications
- Ideal for surface mounting
- Various materials, colours and specification options
- Short lead-times!

#### Options:

- Manufactured in HIPS or ABS UL94-HB
- HIPS UL94-VO (self extinguishing) on request
- CNC Milling (holes, cut-outs, vents, pockets, pillars)
- Digital Printing

#### Available in a range of colours:

##### Standard colours:



TYPE NO.	LENGTH (INT)	WIDTH (INT)	HEIGHT (INT)	LENGTH (EXT)	WIDTH (EXT)	HEIGHT (EXT)
7591	138mm	58mm	7mm	158mm	103.5mm	10mm
7592	180mm	115mm	7mm	200mm	160.5mm	10mm
7593	221mm	165mm	7mm	241mm	211.5mm	10mm
Custom Size	Please advise dimensions					

Give us your PCB/LCD dimensions and we will make an enclosure to fit exactly, including all cutouts, pillars etc!

**No design costs, ideal for dynamic LCD industry**

UNIVERSAL ENCLOSURES

HAND HELD CASES

HEAVY DUTY ENCLOSURES

DIN RAIL ENCLOSURES

INTERFACE SUPPORTS

ELECTRICAL ENCLOSURES

DIECAST & METAL ENCLOSURES

DESKTOP & INSTRUMENT CASES

MULTI-PURPOSE & POTTING BOXES

19" ENCLOSURES

19" CABINETS

DEVELOPMENT BOARD ENCLOSURES

CUSTOM SIZED ENCLOSURES

FSPT/CUSTOM SERVICES



# CUSTOM SIZED ENCLOSURES

## 7610 Series - 45 Degree Enclosures

UNIVERSAL ENCLOSURES

Clip together enclosures with 45 degree bends for superior aesthetics. Fixing blocks can be added for securing the enclosure.

HAND HELD CASES

### No Design Charges - No Tooling!

**SIMPLY PROVIDE YOUR INTERNAL DIMENSIONS FOR A FREE QUOTATION**

HEAVY DUTY ENCLOSURES

#### Features:

- Clip-together design - **no screws!**
- 45 ° degree folds provide a more haptical and aesthetic finish
- Manufactured to your **Custom** specifications
- Various material, colours and specification options
- Manufactured to order on short lead-times!



DIN RAIL ENCLOSURES

#### Options:

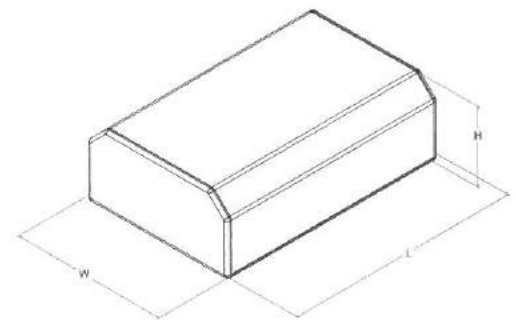
- Manufactured in HIPS or ABS UL94-HB
- HIPS UL94-VO (self extinguishing) on request
- Screw fixings can be added to secure the enclosures
- CNC Milling (holes, cut-outs, vents, pockets, pillars, windows)
- Digital Printing

INTERFACE SUPPORTS

#### Available in a range of colours:

##### Standard colours:

						Textured
White	Silver	Granito	Light Grey	Anthracite	Black	
						Gloss
White	Red	Green	Yellow	Orange	Blue	
			High Gloss			
Lilac	Purple	Black				
			High Gloss			
Carbon Fibre	Black	White				
	PETg					Transparent
Transparent						



DESKTOP & INSTRUMENT CASES

MULTI-PURPOSE & POTTING BOXES

19" ENCLOSURES

19" CABINETS

DEVELOPMENT BOARD ENCLOSURES

CUSTOM SIZED ENCLOSURES

FSPT/CUSTOM SERVICES

TYPE NO.	LENGTH (INT)	WIDTH (INT)	HEIGHT (INT)	LENGTH (EXT)	WIDTH (EXT)	HEIGHT (EXT)	WALL THICKNESS
7611	74mm	44mm	24mm	80mm	50mm	30mm	3mm
7612	114mm	59mm	21mm	120mm	65mm	27mm	3mm
7613	147mm	82mm	40mm	153mm	88mm	46mm	3mm
7614	112mm	234mm	30mm	118mm	240mm	36mm	3mm
7615	200mm	248mm	47mm	208mm	256mm	55mm	4mm
Custom Size	Please advise dimensions						

Give us your PCB dimensions and we will make an enclosure to fit exactly, including all cutouts, pillars etc!

# CUSTOM SIZED ENCLOSURES

## 7620 Series - 45 Degree Flanged Enclosures

Clip together flanged enclosures with 45 degree bends for superior aesthetics.  
Fixing blocks can be added for securing the enclosure.  
Flanges allow for surface mounting.

### No Design Charges - No Tooling!

**SIMPLY PROVIDE YOUR INTERNAL DIMENSIONS FOR A FREE QUOTATION**

#### Features:

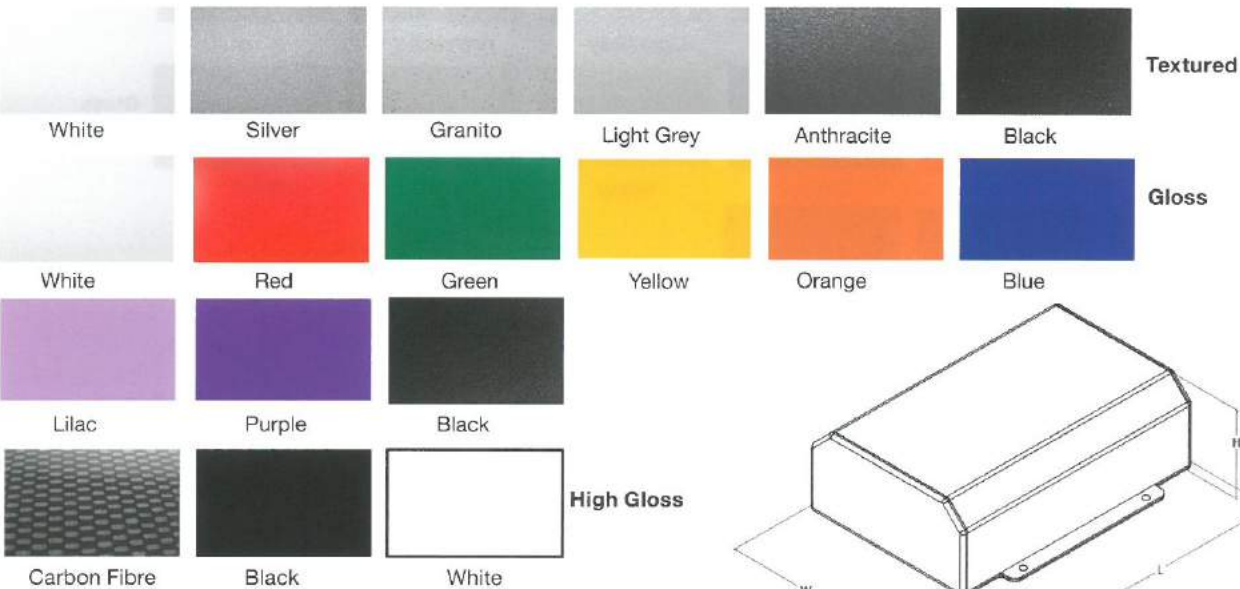
- Clip-together design - **no screws!**
- 45 degree folds provide a more haptical and aesthetic finish
- Flanges for surface mounting
- Manufactured to your **Custom** specifications
- Various material colours and specification options
- Manufactured to order on short lead-times!

#### Options:

- Manufactured in HIPS or ABS UL94-HB
- HIPS UL94-VO (self extinguishing) on request
- Screw fixings can be added to secure the enclosures
- CNC Milling (holes, cut-outs, vents, pockets, pillars, windows)
- Digital Printing

#### Available in a range of colours:

##### Standard colours:



PETg

Transparent

TYPE NO.	LENGTH (INT)	WIDTH (INT)	HEIGHT (INT)	LENGTH (EXT)	WIDTH (EXT)	HEIGHT (EXT)	WALL THICKNESS
7621	64mm	34mm	19mm	70mm	40mm	25mm	3mm
7622	94mm	36mm	34mm	100mm	42mm	40mm	3mm
7623	139mm	139mm	39mm	145mm	145mm	45mm	3mm
7624	124mm	189mm	24mm	130mm	195mm	30mm	3mm
7625	172mm	204mm	52mm	180mm	212mm	60mm	4mm

Custom Size

Please advise dimensions

Give us your PCB dimensions and we will make an enclosure to fit exactly, including all cutouts, pillars etc!



UNIVERSAL ENCLOSURES

HAND HELD CASES

HEAVY DUTY ENCLOSURES

DIN RAIL ENCLOSURES

INTERFACE SUPPORTS

ELECTRICAL ENCLOSURES

DIECAST & METAL ENCLOSURES

DESKTOP & INSTRUMENT CASES

MULTI-PURPOSE & POTTING BOXES

19" ENCLOSURES

19" CABINETS

DEVELOPMENT BOARD ENCLOSURES

CUSTOM SIZED ENCLOSURES

FSPT/CUSTOM SERVICES



# CUSTOM SIZED ENCLOSURES

## 7640 Series - Flanged Angled Front Enclosures

Flanged angled front enclosures manufactured in **custom** sizes to fit your PCB Assembly or Components.

**No Design Charges - No Tooling!**

**SIMPLY PROVIDE YOUR INTERNAL DIMENSIONS FOR A FREE QUOTATION**

**Features:**

- Two part, removable base construction
- Manufactured to your **Custom** specifications
- Ideal for surface mounting
- Various materials, colours and specification options
- Short lead-times!

**Options:**

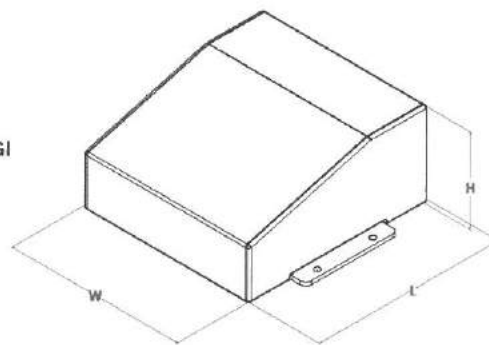
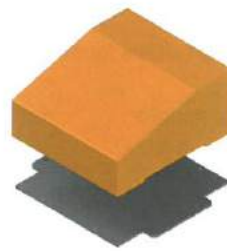
- Manufactured in HIPS or ABS UL94-HB
- HIPS UL94-VO (self extinguishing) on request
- CNC Milling (holes, cut-outs, vents, pockets, pillars)
- Digital Printing

**Available in a range of colours:**

• **Standard colours:**

The color selection grid includes the following categories and options:

- Textured:** White, Silver, Granito, Light Grey, Anthracite, Black
- Gloss:** White, Red, Green, Yellow, Orange, Blue
- High Gl:** Lilac, Purple, Black, Carbon Fibre, Black, White
- PETg:** Transparent



TYPE NO.	LENGTH (INT)	WIDTH (INT)	HEIGHT (INT)	LENGTH (EXT)	WIDTH (EXT)	HEIGHT (EXT)
7641	44mm	114mm	24mm	50mm	120mm	30mm
7642	274mm	94mm	54mm	280mm	100mm	60mm
7643	194mm	114mm	34mm	200mm	150mm	40mm
7644	244mm	174mm	44mm	250mm	180mm	50mm
7645	294mm	214mm	64mm	300mm	220mm	70mm
Custom Size	Please advise dimensions					

Give us your PCB dimensions and we will make an enclosure to fit exactly, including all cutouts, pillars etc!

UNIVERSAL ENCLOSURES

HAND HELD CASES

HEAVY DUTY ENCLOSURES

DIN RAIL ENCLOSURES

INTERFACE SUPPORTS

ELECTRICAL ENCLOSURES

DIECAST & METAL ENCLOSURES

DESKTOP & INSTRUMENT CASES

MULTI-PURPOSE & POTTING BOXES

19" ENCLOSURES

19" CABINETS

DEVELOPMENT BOARD ENCLOSURES

CUSTOM SIZED ENCLOSURES

FSPT/CUSTOM SERVICES



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# CUSTOM SIZED ENCLOSURES

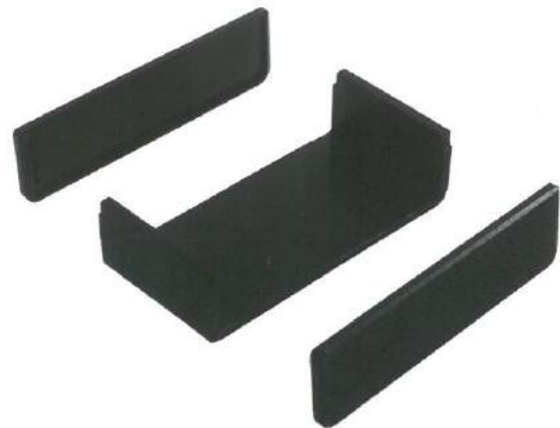
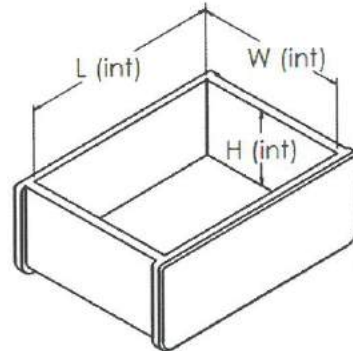
## 9400 Series Custom Potting Boxes

Customisable potting boxes, manufactured from 2mm thick plastic to any specified size, with or without mounting flanges

- Manufactured to required dimensions via our Custom-Design **FSPT** Flat sheet plastic technology
- Please contact our technical sales team with your internal dimensions and any specific requirements
- Manufactured in high impact polystyrene, ABS and UL94-V0 HIPS available
- Stand-offs, cut-outs, vents and other custom features can be seamlessly and economically incorporated into manufactured process
- Snap-fit removable end panel design allows for easy assembly and unrestricted access
- Available with or without mounting flanges
- Prototyping and assembly service available

### SPECIFICATION

Materials	High impact polystyrene ABS and UL94-V0 HIPS available
Standard colours	Black similar to RAL 9004
Standard unit includes	Custom Potting Box



UNIVERSAL  
ENCLOSURES

HAND  
HELD  
CASES

HEAVY  
DUTY  
ENCLOSURES

DIN  
RAIL  
ENCLOSURES

INTERFACE  
SUPPORTS

CONTROL  
STATIONS

DIECAST  
& METAL  
ENCLOSURES

DESKTOP &  
INSTRUMENT  
CASES

MULTI-PURPOSE  
& POTTING  
BOXES

19"  
ENCLOSURES

19"  
CABINETS

DEVELOPMENT  
BOARD  
ENCLOSURES

CUSTOM  
SIZED  
ENCLOSURES

FSPT/CUSTOM  
SERVICES



## 22mm Control Switches - Economy Range



See our Components catalogue or call our sales team for more information!



Performance Engineered Interconnection and Enclosures Delivered Worldwide

UNIVERSAL ENCLOSURES

HAND HELD CASES

HEAVY DUTY ENCLOSURES

DIN RAIL ENCLOSURES

INTERFACE SUPPORTS

ELECTRICAL ENCLOSURES

DIECAST & METAL ENCLOSURES

DESKTOP & INSTRUMENT CASES

MULTI-PURPOSE & POTTING BOXES

19" ENCLOSURES

19" CABINETS

DEVELOPMENT BOARD ENCLOSURES

CUSTOM SIZED ENCLOSURES



CUSTOMISED ENCLOSURES

p137



**FSPT** - FLAT SHEET PLASTIC TECHNOLOGY

p138



CUSTOM MOULDINGS

p139

# FSPT®/CUSTOM SERVICES



# CUSTOMISATION

We offer a full Customisation service for all our standard injection moulded, die-cast and sheet-metal enclosures. With custom colours, surface coating & RFI shielding, engraving & silk-screening, labels & membrane keypads, as well as our own in-house machining centre milling apertures for all types of connectors, fixings and control components.

## Machining

- Milling, drilling, cutting and countersinking etc, for every type of electrical application



UNIVERSAL ENCLOSURES

HAND HELD CASES

HEAVY DUTY ENCLOSURES

DIN RAIL ENCLOSURES

INTERFACE SUPPORTS

## Surface Coating and RFI Shielding

- Powder coating, painting and EMC coating for environmental protection, bespoke colours, surface finishes and RFI shielding.



ELECTRICAL ENCLOSURES

DIECAST & METAL ENCLOSURES

DESKTOP & INSTRUMENT CASES

## Printing and Engraving

- Digital printing, silk-screening and CNC engraving for product branding, electrical component and functional identification, specification text lines etc.



MULTI-PURPOSE & POTTING BOXES

19" ENCLOSURES

19" CABINETS

DEVELOPMENT BOARD ENCLOSURES

## Materials

- Bespoke colours, material types and flammability ratings for specific application and environments.



CUSTOM SIZED ENCLOSURES

FSPT/CUSTOM SERVICES

# FSPT® - CUSTOM DESIGN ENCLOSURES

## Flat Sheet Plastic Technology

Our UK manufacturing and assembly facilities offer bespoke Custom-Design enclosures, manufactured from FSPT Flat sheet plastic technology with the quality of moulded enclosures.

This innovative solution produces unique enclosure solutions, achieved without heavy tooling costs.

Custom Design, FSPT enclosures are ideal for low to medium volume production, are designed using the latest CAD-CAM technology, prototyped and manufactured to specific customer requirements, ensuring rapid time to market with low capital outlay.

Our CNC manufacturing process allows maximum flexibility for design changes to be incorporated at anytime, for minimal cost and quick completion in comparison to tooled products.



### Basic Construction Method



### Complex Construction Method



UNIVERSAL ENCLOSURES

HAND HELD CASES

HEAVY DUTY ENCLOSURES

DIN RAIL ENCLOSURES

INTERFACE SUPPORTS

ELECTRICAL ENCLOSURES

DIECAST & METAL ENCLOSURES

DESKTOP & INSTRUMENT CASES

MULTI-PURPOSE & POTTING BOXES

19" ENCLOSURES

19" CABINETS

DEVELOPMENT BOARD ENCLOSURES

CUSTOM SIZED ENCLOSURES

FSPT/CUSTOM SERVICES



# CUSTOM MOULDINGS

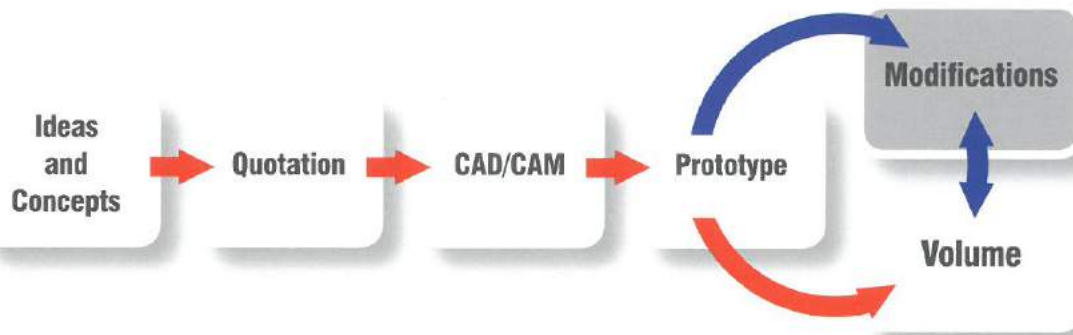
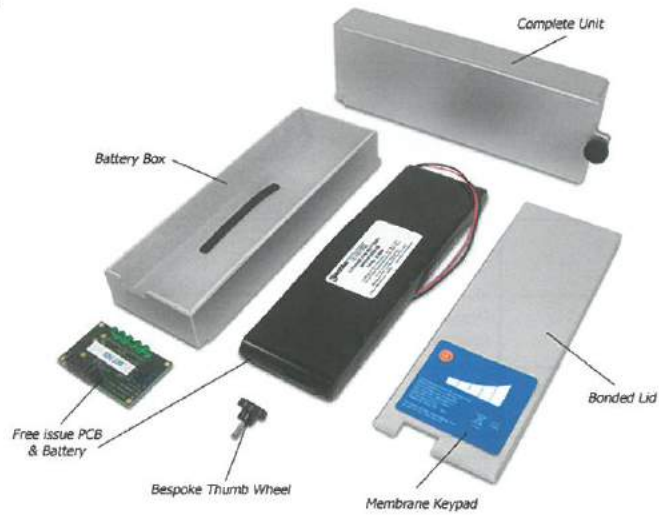
## Product Design and TurnKey Solutions

With over 50 years experience in electronics packaging, in-house design facilities, UK and Chinese manufacturing and assembly facilities, we are able to offer complete turnkey enclosure and assembly solutions.

For enclosures produced in medium to high volume we offer a complete product design and manufacturing solution. Our team of product designers and engineers will manage your product from initial concepts, 3D modelling and design, prototyping, tooling, component sourcing, manufacturing, assembly and packing.

A seamless transition from low/medium production via our Custom Design, **FSPT** process to medium/high volume production with tooling is easily achieved with the knowledge of your product and design requirements.

Complete turnkey solutions are also offered on all our standard enclosures with Customisation and on bespoke Custom Design enclosures, with component sourcing and assembly.



Choose from a multitude of different colours and finishes. Print in any colour, font and graphic you choose...



UNIVERSAL ENCLOSURES

HAND HELD CASES

HEAVY DUTY ENCLOSURES

DIN RAIL ENCLOSURES

INTERFACE SUPPORTS

ELECTRICAL ENCLOSURES

DIECAST & METAL ENCLOSURES

DESKTOP & INSTRUMENT CASES

MULTI-PURPOSE & POTTING BOXES

19" ENCLOSURES

19" CABINETS

DEVELOPMENT BOARD ENCLOSURES

CUSTOM SIZED ENCLOSURES

FSPT/CUSTOM SERVICES



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ELECTRONICS & ENCLOSURES

# Ingress Protection (IP rating)

IP 6 7

Code	Degree of protection (solids)
0	No protection
1	Protection against large foreign bodies (diameter < 50mm)
2	Protection against medium foreign bodies (diameter < 12.5mm)
3	Protection against small foreign bodies (diameter < 2.5mm)
4	Protection against small foreign bodies (diameter < 1mm)
5	Limited dust ingress protection
6	Total dust ingress protection

Code	Degree of protection (liquids)
0	No protection
1	Protection against vertical water drop
2	Protection against water drops (15° from vertical)
3	Protection against water spray (60° from vertical)
4	Protection against water spray from all directions
5	Protection against low pressure water jets from any angle
6	Protection against high pressure water jets from any angle
7	Protection against water submersion to 1m for 30 mins
8	Protection against specific pressure and submersion for long term



# INDEX

19" Rack Mount Case		
19" Desktop Enclosures		
19" Accessories		
45 Series		
55 Series		
62 Series		
64 Series		
66 Series		
71 Series		
72 Series		
80 Series		
81 Series		
82 Series		
83 Series		
84 Series		
85 Series		
86 Series		
87 Series		
88 Series		
89 Series		
90 Series		
91 Series		
92 Series		
93 Series		
100 Series		
200 Series		
300 Series		
400 Series		
500 Series		
1000 Series		
1100 Series		
2000 Series		
2600/2700 Series		
2900 Series		
2910 Series		
2950 Series		
2955 Series		
2956 Series		
2957 Series		
2970 Series		
3400 Series		
4000 Series		
5000 Series		
5000 Series		
5100 Series		
5500 Series		
6000 Series		
7000 Series		
7200 Series		
7300 Series		
7510 Series		
7520 Series		
7530 Series		
7540 Series		
7550 Series		
7560 Series		
7570 Series		
7580 Series		
7590 Series		
7610 Series		
7620 Series		
7630 Series		
7640 Series		
7710 Series		
7740 Series		
8000 Series		
9400 Series		
Active DIN Rail Connector		
Active DIN Rail Cover		
Active DIN Rail Enclosure		
Active DIN Rail Ends		
Active DIN Rail Track		
Active DIN Rail Track Kits		
Aluminium UBOX		
Android PC Enclosures		
APC-Board 'ROCK' Enclosures		
19" Enclosures		p94
19" Enclosures		p95
19" Cabinet Accessories		p102-106
Palm Cases		p29
Dura Boxes		p75
Pocket Boxes		p24
Handy Cases		p25
Grip Cases		p26
Flanged IP66 Enclosures		p43
Wall Mount IP66 Enclosures		p43
Slim Plastic Enclosures		p34-35
Fob Boxes		p36
Multi-Purpose Cases		p16
Plastic Flanged Cases		p17
Round Edge Cases		p18
Round Aluminium Cases		p80
Aluminium Audio Cases		p81
Silicone Cover Enclosures		p37
IP67 Heatsink Cases		p82
Terminal Block Junction Box		p70
IP67 Handheld Enclosures		p38
IP67 Low Profile Cases		p46
Comms Boxes		p87
IP67 Portable Plastic Cases		p39
Open Potting Boxes		p92
Small ABS HB Boxes		p90
Multi-Purpose Boxes		p92
Lugged Cable Entry Boxes		p91
Small Flanged Potting Boxes		p91
Vario Cases		p85
Stylish ABS Cases		p8
General Purpose ABS Cases		p9-13
Terminal Cases		p86
Slopped Cases		p27
Mobile Cases		p27
IR Pocket Cases		p28
Keyfobs		p31-32
Eco Keyfob Case		p32
Eco Keyfobs		p33
Ergo T-Style Cases		p30
End Panel Design Cases		p15
Panel Lid Cases		p14
Multi-Purpose Diecast		p76
Multi-Purpose Coloured Diecast		p77
Project Diecast		p78
Heavy Duty Diecast		p78
Venti Cases		p86
Recessed Designer Cases		p7
Polycarbonate Cases		p41
ABS Cases		p42
Snap Together Enclosures		p121
Wall Mount Enclosures		p122
Base and Lid Enclosures		p123
Surface Mount Boxes		p124
End Panel Enclosures		p125
Flanged Base Enclosures		p126
Curve Style Enclosures		p127
Tablet Style Enclosures		p128
Flanged Tablet Style Enclosures		p129
45 Degree Enclosures		p130
45 Degree Flanged Enclosures		p131
Angled Front Enclosures		p132
Flanged Angled Front Enclosures		p133
Hinged Wall Mount Enclosures		p44
Screw Fastening Wall Mount Enclosures		p45
Euro Desk Cases		p85
Custom Potting Boxes		p134
Active Connector		p53
Active Cover		p53
Active CNMB DIN Rail Enclosure		p52
Active Ends		p53
Active Track		p53
Active Track Kits		p53
Diecast and Metal Boxes		p74
Development Board Enclosures		p115
Development Board Enclosures		p116

# INDEX

Arduino Enclosures	p112
Banana Pi Enclosures	p114
Beagle Bone Black Enclosures	p113
CamRack-LX 600 Wide	p100
CamRack-LX 800 Wide	p101
CamRack-QX	p97
CamRack-SX	p98
CamRack-WX	p99
CIME/E	p64
CIME/E/E	p65
CIME/E/MPF	p64
CIME/E/MPR	p64
CIME/M	p62
CIME/M/E	p63
Cirrus Logic Audio Enclosures & Raspberry Pi Style Enclosures	p118
CMEB	p54
CNMB	p49-51
Controls Housing	p59
Custom Design	p138
Customisation	p137
Custom Mouldings	p139
CVB	p55
CVB-PLUS	p56
Desktop Instrument Cases	p84
DIN Rail Instrument Enclosure	p58
DIN Rail Pi B+ Enclosures	p119
DIN Rail Adaptors	p59
DIN Rail Mount Brackets	p59
Electrical Enclosures	p20
Electrical Enclosures	p69
Electrical Enclosures	p67
Metal Consoles	p79
PCB Terminal Blocks	p57
Pi Camera Enclosures	p111
Raspberry Pi A+ Enclosures	p108
Raspberry Pi B+ & Pi 2 Enclosures	p109
Raspberry Pi B+ or Pi 2 Flanged Enclosures	p110
RIoT Board Enclosures	p117
Room Sensor Enclosures	p19
Development Board Enclosures	p112
Development Board Enclosures	p114
Development Board Enclosures	p113
19" Modular Cabinets	p100
19" Modular Cabinets	p101
19" Wall Mount Cabinets	p97
7U Wall Mounted Cabinets	p98
19" Wall Mounted Cabinets	p99
Euro Series 107mm Empty Modular Interface Supports	p64
Euro Series 107mm Empty Extruded Interface Supports	p65
Wall Mounting Plates Flushed	p64
Wall Mounting Plates Raised	p64
Mini Series 72mm Empty Modular Interface Supports	p62
Mini Series 72mm Empty Extruded Interface Supports	p63
DIN Rail Pi B+ Enclosures	p118
Extendable Module Boxes	p54
DIN Rail Module Boxes	p49-51
DIN Rail Mounting	p59
Flat Sheet Plastic Technology	p138
Customisation Enclosures	p137
Product Design & Turnkey Solutions	p139
Vertical DIN Rail Enclosures	p55
Vertical DIN Rail Mount Housing	p56
Desktop Instrument Cases	p84
DIN Rail Enclosures	p58
Development Board Enclosures	p119
DIN Rail Adaptors	p59
DIN Rail Mount Brackets	p59
Universal Enclosures	p20
Economy Range	p69
Electrical Enclosures	p67
Steel Boxes	p79
For CVB-Plus	p57
Raspberry Pi Style Enclosures	p111
Raspberry Pi Style Enclosures	p108
Raspberry Pi Style Enclosures	p109
Raspberry Pi Style Enclosures	p110
Development Board Enclosures	p117
Universal Enclosures	p19



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