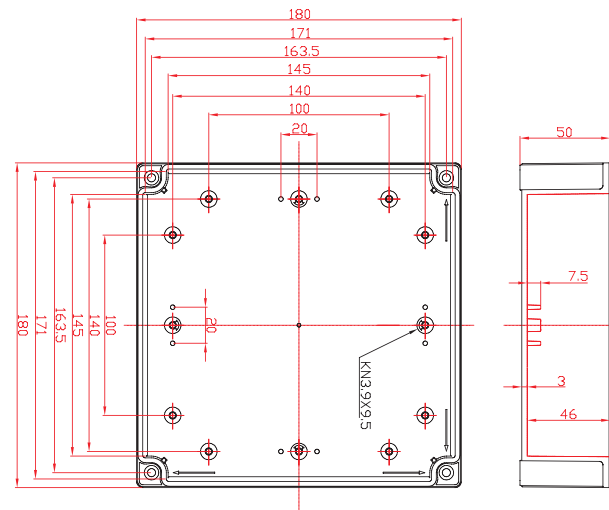


ENCLOSURES



Size 180 X 180 X 100
(H X W X D mm)



RoHS CE

Type of Enclosure	Cover Colour	Material Type	Article No.
BA-ABS 1818G	Grey	ABS	01 17 00572
BA-PC 1818G	Grey	PC	01 17 00595

Height X Width X Depth	mm	180 X 180 X 100	180 X 180 X 100
Material		ABS	Polycarbonate
Base colour		Grey	Grey
Cover colour		Grey	Grey
Cover screws material		Polyamide	Polyamide
Cover screws colour		Grey	Grey
Gasket material		Silicon	Silicon
Technical Information			
Rating			
Ingress Protection		IP 66/67	IP 66/67
Impact Resistance		IK 07	IK 08

Common applications:

- Push button enclosures
- Electronic and instrumentation enclosures
- Terminal enclosures and junction boxes
- Power distribution enclosures
- Krone Enclosures

Benefits:

- Easy machining with normal tools
- Easy colouring through pigmentation
- Low weight
- Good resistance to chemical attack
- Excellent insulating properties

ENCLOSURES



Size 180 X 180 X 100
(H X W X D mm)

RoHS CE

Type of Enclosure	Cover Colour	Material Type	Article No.
BA-ABS 1818T	Transparent	ABS	01 17 00587
BA-PC 1818T	Transparent	PC	01 17 00603

Options for Customised Solutions
Cable Glands (Trinity-Jacob)

Type	Left	Right	Top	Bottom	Total Quantity
PG 7	5	5	5	5	20
PG 9	5	5	5	5	20
PG 11	4	4	4	4	16
PG 13.5	4	4	4	4	16
PG 16	3	3	3	3	12
PG 21	3	3	3	3	12
M12	5	5	5	5	20
M16	4	4	4	4	16
M20	4	4	4	4	16
M25	3	3	3	3	12

Terminal Block (Phoenix Contact)

Type	Number	Wire Size mm	Amp.Rating	Type	Number
UK 2.5N	24	0.2-2.5	24	22.5 mm	9 Nos
UK 5N	20	0.2-4	41	30 mm	9 Nos
UK6N	15	0.2-6	57	MCB	
UK 10N	12	0.5-10	76	Type	Number
UK 16N	10	4-10	101	Single Pole	9
UIK 16N	10	4-16	101		

DIN Mounting Rail (Trinity Touch)

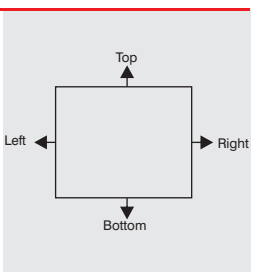
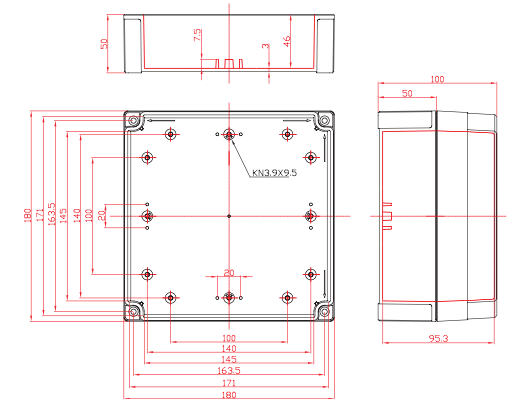
Type	Max. Length for enclosure	Article No.	About Mounting DIN Rails
TDR2-35/7.5 Perforated	110mm	01 17 00271	<ul style="list-style-type: none"> • Most of the electrical accessories are designed to mount on rails that can be fixed easily on panel boards and equipments. • Mounting rails made of steel in accordance (DIN 60715) are available in Zinc plated and thick film trivalent chrome passivated. The base metal as steel used for DIN rails as per EN10130. Due to high mechanical strength & durability, high corrosion prohibitive plating and lead free (Confirms to RoHS compliance) provides the best solution for general applications. • These rails are often used as grounding bars. The current carrying capacity of these rails and the copper wire sizes required to carry that current are given below. • The 35/7.5 high rail is suitable for the majority of application and is the more cost effectiveness. • When heavy components like large PLC's, Transformers, MPCBS, heavy contactors and relays has to be mount than 35/15 rail is more suitable. • The 15/5.5 rail is more than half width of 35/7.5 is used for mounting of terminal blocks in confined spaces.
TDR2-15/5.5 Perforated	110mm	01 17 00254	
TDR3-35/7.5 Perforated	110mm	01 17 00283	
TDR3-15/5.5 Perforated	110mm	01 17 00279	

RAIL CURRENT CARRYING CAPACITY

Current	Wire size	Difference between TDR2 and TDR3 series DIN Rails				
(A)	AWG	S.No.	Properties	Unit	TDR2	TDR3
35/7.5 (Slotted)	8	1	Tensile Strength	N/mm2	270	320 -410
35/7.5 (Un Slotted)	6	2	Elongation	N/mm2	28%	30 -36%
35/15 (Slotted)	4	3	Hardness	HRB	50	
35/15 (Un Slotted)	4	4	Elastic Limit	N/mm2	-----	230 -280
15/5.5 (Slotted)	12	5	SST stability Red Rust (Minimum)	Hours	240	350
15/5.5 (Un Slotted)	10					

Socket / Plug





Type	Number
16A - 5 PIN	1
16A - 3 PIN	1
32A - 5 PIN	1
32A - 3 PIN	1



ACCESSORIES

Size 180 X 180 X 100 (H X W X D mm)

Ordering Data For Accessories

Mounting Plate	Type	Article No.	
Mounting Plate CRCA Sheet Thickness 1.5mm Zinc Plated	Basic MP 1818	01 17 00614	
Mounting Clamp	Type	Article No.	
Mounting Clamp CRCA Sheet Thickness 3 mm Zinc Plated	Basic MC 1818	01 17 00615	
Hinge		Article No.	
Hinge Material Plastic Hinge Colour Grey		01 17 00624	
Cover Screw		Article No.	
Polyamide Grey Colour		01 17 00911	

Existing Customised Solutions

Existing Customised Solutions Of Terminal Block Enclosure					
Description	Article. No.	DIN Mounting Rail		Terminal Block	
		Type	Qty	Type	Qty
CS-ABS 1818-35-5	01 17 00020	TDR2-35/7,5	160 MM	UK 35	5
CS-ABS 1818-2.5-24	01 17 00006	TDR2-35/7,5	160 MM	UK 2.5B	24
CS-ABS 1818-5-16	01 17 00011	TDR2-35/7,5	160 MM	UK 5N	16
CS-ABS 1818-5-24	01 17 00013	TDR2-35/7,5	160 MM	UK 5N	24
CS-ABS 1818-2.5-20	01 17 00005	TDR2-35/7,5	160 MM	UK 2.5B	20
CS-ABS 1818-5-20	01 17 00012	TDR2-35/7,5	160 MM	UK 5N	20
CS-ABS 1818-2.5-16	01 17 00004	TDR2-35/7,5	160 MM	UK 2.5B	16
CS-ABS 1818-UK2.5X24	01 17 00084	TDR2-35/7,5	160 MM	UK 2.5	24

Existing Customised Solutions of Terminal Block Enclosure With Cable Gland							
Description	Article No.	DIN Mounting Rail		Terminal Block		Cable Gland	
		Type	Qty.	Type	Qty.	Type	Qty.
CS-ABS 1818-T-DB	01 17 00169	TDR2-35/7,5	160 MM	UK 5N	5	M 20	1
				UK 16	4		
CS-ABS 1818-STTB 2.5X5	01 17 00351	TDR2-35/7,5	160 MM	STTB-2.5	5	PG 21	3
CS-ABS 1818-STTB 2.5X8	01 17 00258	TDR2-35/7,5	160 MM	STTB-2.5	8	PG 21	3
CS-ABS 1818-2.5X16,PG9X8	01 17 00355	TDR2-35/7,5	160 MM	UK 2.5	16	PG 9	8

Existing Customised Solutions of Krone Enclosure			
Description	Article. No.	Krone	
		Type	Qty
CS-ABS 1818-KRONE	01 17 00362	10 PAIR	2

Existing Customised Solutions of Terminal Block Enclosure With MCB							
Description	Article No.	DIN Mounting Rail		Terminal Block		MCB	
		Type	Qty	Type	Qty	Type	Qty
CS-ABS 1818-10X8-S.P MCB	01 17 00379	TDR2-35/7,5	160 MM	UK 16	9	16A SP	1

Above mentioned article numbers are our existing solutions in TRIBOX™ Basic 1818 enclosures. For application details refer:

Customised Applications	Page Nos.
Customised solutions of terminal block enclosure	125,126
Customised solutions of terminal block enclosure with cable glands	127,128
Customised solutions of Krone enclosures	128
Customised solutions of terminal enclosures with MCB	128