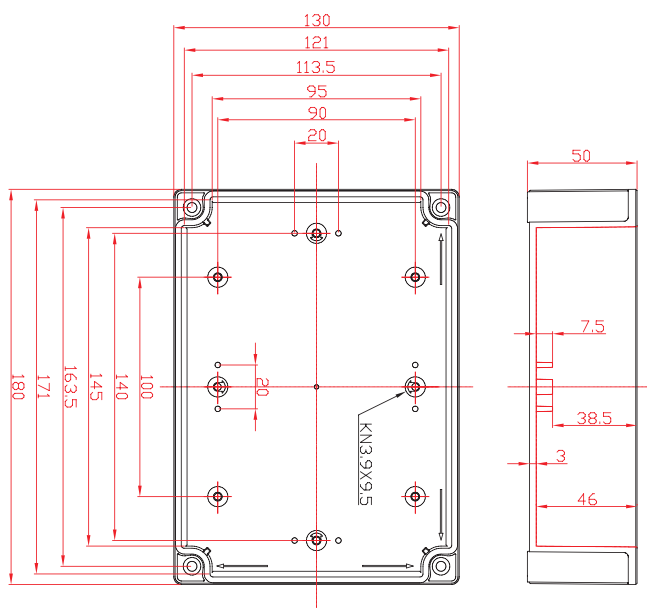


## ENCLOSURES

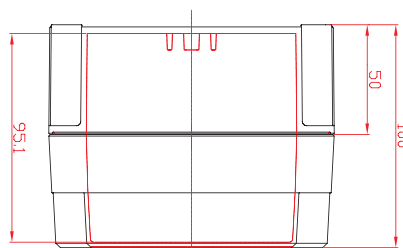


**Size 180 X 130 X 100  
(H X W X D mm)**



**RoHS** **CE**

Type of Enclosure	Cover Colour	Material Type	Article No.
BA-ABS 1813G	Grey	ABS	01 17 00570
BA-PC 1813G	Grey	PC	01 17 00593



Height X Width X Depth	mm	180 X 130 X 100	180 X 130 X 100
<b>Material</b>		<b>ABS</b>	<b>Polycarbonate</b>
Base colour		Grey	Grey
Cover colour		Grey	Grey
Cover screws material		Polyamide	Polyamide
Cover screws colour		Grey	Grey
Gasket material		Silicon	Silicon
<b>Technical Information</b>			
<b>Rating</b>			
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

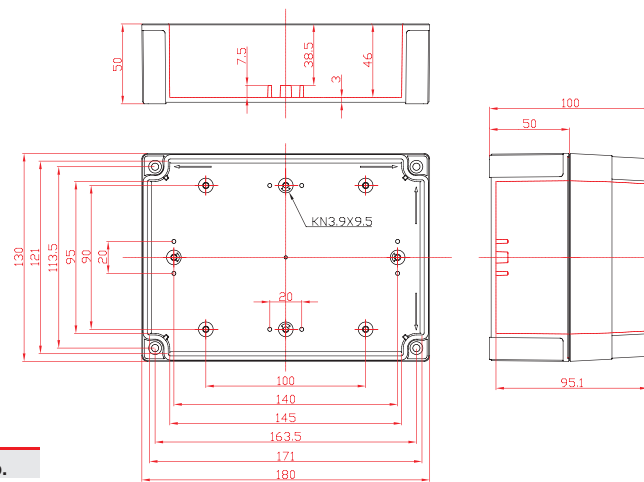
### Benefits:

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

ENCLOSURES



Size 180 X 130 X 100 (H X W X D mm)



Type of Enclosure	Cover Colour	Material Type	Article No.
BA-ABS 1813T	Transparent	ABS	01 17 00585
BA-PC 1813T	Transparent	PC	01 17 00601

Options for Customised Solutions  
Cable Glands (Trinity-Jacob)

Type	Left	Right	Top	Bottom	Total Quantity
PG 7	3	3	5	5	16
PG 9	3	3	5	5	16
PG 11	3	3	4	4	14
PG 13.5	2	2	4	4	12
PG 16	2	2	3	3	10
PG 21	2	2	3	3	10
M12	3	3	5	5	16
M16	3	3	4	4	14
M20	2	2	4	4	12
M25	2	2	3	3	10

Terminal Block (Phoenix Contact)

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

Push Button

Type	Number
22.5 mm	6 Nos
30 mm	6 Nos

MCB	Number
Single Pole	9

DIN Mounting Rail (Trinity Touch)

Type	Max. Length for enclosure	Article No.
TDR2-35/7.5 Perforated	110mm	01 17 00271
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

Rail	Material	Current (A)	Wire size AWG	mm2
35/7.5 (Slotted)	Steel	65	8	10
35/7.5 (Un Slotted)	Steel	87	6	16
35/15 (Slotted)	Steel	125	4	25
35/15 (Un Slotted)	Steel	125	4	25
15/5.5 (Slotted)	Steel	35	12	4
15/5.5 (Un Slotted)	Steel	47	10	6

Difference between TDR2 and TDR3 series DIN Rails				
S.No.	Properties	Unit	TDR2	TDR3
1	Tensile Strength	N/mm2	270	320-410
2	Elongation	N/mm2	28%	30-36%
3	Hardness	HRB	50	
4	Elastic Limit	N/mm2		230-280
5	SST stability Red Rust (Minimum)	Hours	240	350

Socket / Plug

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

ACCESSORIES

Size 180 X 130 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 1813	01 17 00612
Mounting Clamp	Type	Article No.
Mounting Clamp CRCA Sheet Thickness 3mm Zinc Plated	Basic MC 1813	01 17 00613
Hinge	Article No.	
Hinge Material Plastic	01 17 00624	
Hinge Colour Grey		
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 1813-3-6	01 17 00007	TDR2-35/7,5	160MM	UK2.5B	6
CS-ABS 1813-16-5	01 17 00017	TDR2-35/7,5	160MM	UIK 16	5
CS-ABS 1813-16-6	01 17 00015	TDR2-35/7,5	160MM	UK10N	6
CS-ABS 1813-10-9	01 17 00016	TDR2-35/7,5	160MM	UK10N	9
CS-ABS 1813-10N-5	01 17 00014	TDR2-35/7,5	160MM	UK10N	5

Existing Customised Solutions of Terminal Block Enclosure With Cable Gland									
Description	Article No.	DIN Mounting Rail	Terminal Block	Cable Gland		MCB		Socket	
				Type	Qty	Type	Qty	Type	Qty
CS-ABS 1813-EFP-030-544-001	01 17 00112	TDR2-35/7,5	160MM	UK2.5	4	PG11	4	6A,DP	1
						PG21	1		
						PG11	8		
CS-ABS 1813-EFP-030-542-001	01 17 00110	TDR2-35/7,5	160MM	UK2.5B	16	PG 21	1		
CS-ABS 1813-PT2	01 17 00160	TDR2-35/7,5	160MM						
CS-ABS 1813-4X20	01 17 00358	TDR2-35/7,5	160MM	UK4TG	20				

Existing Customised Solutions of Terminal Block Enclosure With Industrial Plug And Socket					
Description	Article No.	DIN Mounting Rail	Socket		
CS-ABS 1813-1463-5P,MCB	01 17 00035	TDR2-35/7,5	160MM	16A,3PIN	1
CS-ABS 1813-1492	01 17 00036	TDR2-35/7,5	160MM	32A,3PIN	1

Above mentioned article numbers are our existing solutions in TRIBOX™ Basic 1813 enclosures. For application details refer:

Customised Applications	Page No.
Existing Customised Solutions of Terminal Block Enclosure	Page No. 120-121
Existing Customised Solutions of Terminal Block Enclosure With Cable Gland	Page No. 121-122
Existing Customised Solutions of Terminal Block Enclosure With Industrial Plug And Socket	Page No. 122
Tailor made cutouts (Includes cable glands holes & hinged door)	Page No. 122-124