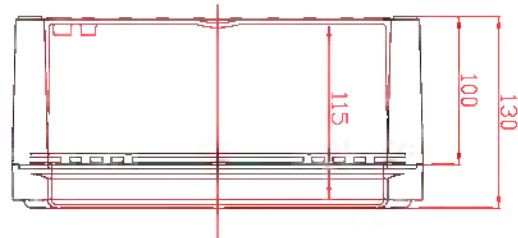
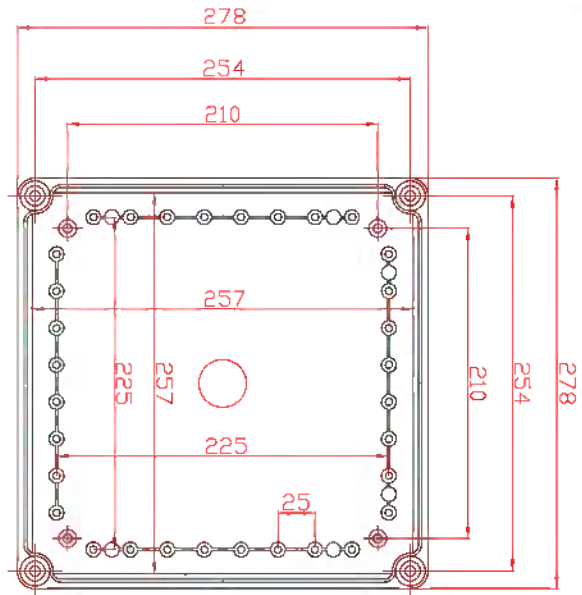


ENCLOSURES



Size 280 X 280 X 130
(H X W X D mm)



RoHS CE

| Type of Enclosure | Cover Colour | Material Type | Article No. |
|-------------------|--------------|---------------|-------------|
| HE-ABS 2828 G | Grey | ABS | 01 17 00580 |
| HE-PC 2828 G | Grey | PC | 01 17 00596 |

| Height X Width X Depth | mm | 280 X 280 X 130 | 280 X 280 X 130 |
|------------------------------|----|-----------------|----------------------|
| 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 |

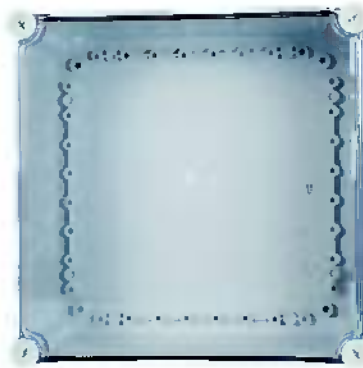
Common applications:

- Push button enclosures
- Electronic and instrumentation enclosures
- Terminal enclosures, Junction boxes
- Power Distribution Enclosures
- Krone Enclosures

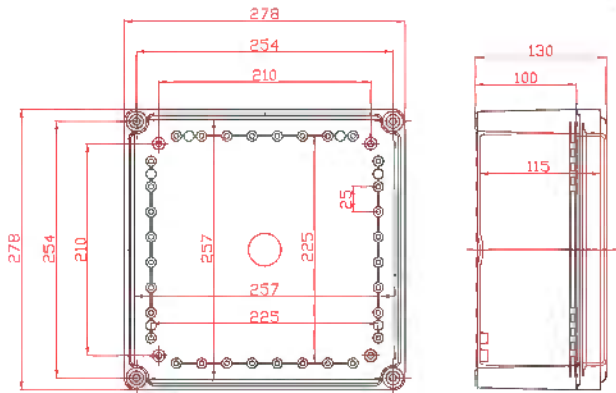
Benefits:

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

ENCLOSURES



Size 280 X 280 X 130 (H X W X D mm)



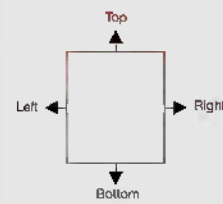
RoHS CE

| Type of Enclosure | Cover Colour | Material Type | Article No. |
|-------------------|--------------|---------------|-------------|
| HE-ABS 2828 T | Transparent | ABS | 01 17 00588 |
| HE-PC 2828 T | Transparent | PC | 01 17 00604 |

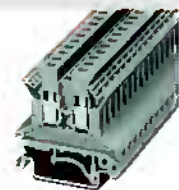
Options for Customised Solutions
Cable Glands (Trinity-Jacob)



| Type | Left | Right | Top | Bottom | Total Quantity |
|---------|------|-------|-----|--------|----------------|
| PG 7 | 27 | 27 | 27 | 27 | 108 |
| PG 9 | 21 | 21 | 21 | 21 | 84 |
| PG 11 | 14 | 14 | 14 | 14 | 56 |
| PG 13.5 | 12 | 12 | 12 | 12 | 48 |
| PG 16 | 12 | 12 | 12 | 12 | 48 |
| PG 21 | 9 | 9 | 9 | 9 | 36 |
| PG 29 | 4 | 4 | 4 | 4 | 16 |
| M12 | 16 | 16 | 16 | 16 | 64 |
| M16 | 14 | 14 | 14 | 14 | 56 |
| M20 | 12 | 12 | 12 | 12 | 48 |
| M25 | 9 | 9 | 9 | 9 | 36 |
| M32 | 4 | 4 | 4 | 4 | 16 |
| M40 | 3 | 3 | 3 | 3 | 12 |
| M50 | 3 | 3 | 3 | 3 | 12 |
| M63 | 2 | 3 | 2 | 2 | 8 |



Terminal Block (Phoenix Contact)



| Type | Number | Wire Size mm | Amp. Rating |
|---------|--------|--------------|-------------|
| UK 2.5N | 40 | 0.2-2.5 | 24 |
| UK 5N | 33 | 0.2-4 | 41 |
| UK 6N | 25 | 0.2-6 | 57 |
| UK 10N | 20 | 0.5-10 | 78 |
| UK 16N | 18 | 4-10 | 101 |
| UIK 16N | 18 | 4-16 | 101 |

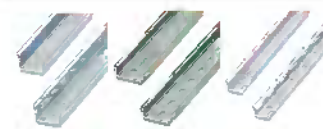
Push Button

| Type | Number |
|---------|--------|
| 22.5 mm | 25 Nos |
| 30 mm | 25 Nos |

MCB

| Type | Number |
|-------------|--------|
| Single Pole | 14 |

DIN Mounting Rail (Trinity Touch)



RoHS

| Type | Max. Length for enclosure | Article No. |
|------------------------|---------------------------|-------------|
| TDR2-35/7.5 Perforated | 110mm | 011700271 |
| TDR2-15/5.5 Perforated | 110mm | 011700254 |
| TDR3-35/7.5 Perforated | 110mm | 011700283 |
| TDR3-15/5.5 Perforated | 110mm | 011700279 |

About Mounting DIN Rails

- 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 (Conforms 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, Translomers, 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.

RAIL CURRENT CARRYING CAPACITY

| Wire size | Current (A) | Material |
|-----------|-------------|----------|
| 8 | 65 | Steel |
| 10 | 87 | Steel |
| 16 | 125 | Steel |
| 25 | 125 | Steel |
| 25 | 125 | Steel |
| 4 | 35 | Steel |
| 4 | 47 | Steel |

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

ENCLOSURES

Socket / Plug

| Type | Number |
|--------------|--------|
| 16A · 5 PIN | 4 |
| 16A · 3 PIN | 4 |
| 32A · 5 PIN | 4 |
| 32A · 3 PIN | 4 |
| 63A · 5 PIN | 2 |
| 125A · 5 PIN | 2 |

Size 280 X 280 X 130 (H X W X D mm)

ACCESSORIES

Ordering Data For Accessories

| Mounting Plate | Type | Article No. |
|---|-----------------------------|------------------------------------|
| Mounting Plate CRCA Sheet Thickness 1.5mm Zinc Plated | Heavy MP 2828 | 01 17 00618 |
| Mounting Clamp Mounting Clamp CRCA Sheet Thickness 3 mm Zinc Plated | Type Heavy MC 280 | Article No. 01 17 00619 |
| Hinge Hinge Material Hinge Colour | Plastic Grey | Article No. 01 17 00625 |
| Cover Screw Polyamide Grey Colour | | Article No. 01 17 006912 |
| Window Window Material Window Colour | Plastic Transparent | Article No. 01 17 00909 |

Existing Customised Solutions

| Existing Customised Solutions of Terminal Block Enclosure | | | | | |
|---|-------------|-------------------|--------|----------------|------|
| Description | Article No. | DIN Mounting Rail | | Terminal Block | |
| | | Type | Qty. | Type | Qty. |
| CS-ABS 2828 SU (6181120) | 01 17 00069 | TDR2-35/7.5 | 250 mm | UK 2.5B | 42 |
| | | | | UK 5N | 10 |

| Existing Customised Solutions of Surge Arrester Enclosure | | | | | |
|---|-------------|-------------------|--------|-----------------------|------|
| Description | Article No. | DIN Mounting Rail | | Surge Arrester | |
| | | Type | Qty. | Type | Qty. |
| CS-ABS 2828 SAB | 01 17 00031 | TDR2-35/7.5 | 250 mm | FLT Plus CTRL 0.9 | 3 |
| | | | | VAL-MS 320 ST | 3 |
| | | | | FLT 100 N/PE CTRL 1.5 | 1 |

Above mentioned article numbers are our existing solutions in TRIBOX™ Basic 2828 enclosures. For application details refer:

| Customised Applications | Page Nos. |
|---|-----------|
| Customised solutions of terminal block enclosures | 140 |
| Customised solutions of terminal block surge arrester enclosure | 140 |