

Empty enclosure

TK PC 1811-8f-m

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Empty enclosure

CUSTOMIZABLE

Productnumber: 12791401

Dimensions: 180 x 110 x 84 mm

Empty enclosure, protection class IP66, Polycarbonate, certified by UL (UL 50 & CSA 22.2 No. 94.1-07, UL 50E & CSA C22.2 No. 94.2-07), DLG (Ammonia resistance), DNV (Class: Ships and Offshore Installations), $U_i=690V$ AC, $U_i=1000V$ DC, internal fixing points, for installations in industrial environments and protected outdoor areas

Box: Polycarbonate, grey, Lid: Polycarbonate, glass-fibre reinforced, grey, knockouts, M12/M16/M20/M25/M32, (12 side)



Technical Data

electrical characteristics

| | |
|------------------------------|------------|
| Rated insulation voltage AC: | 690 V |
| Rated insulation voltage DC: | 1000 V |
| Protection class: | II |
| Type of protection: | IP66 |
| UL Type Rating: | 4X, 12/12K |

Colours

| | |
|-------------------|------|
| Base unit colour: | grey |
| Cover colour: | grey |

Dimensions

| | |
|---------|--------|
| Width: | 180 mm |
| Length: | 110 mm |
| Height: | 84 mm |

Material characteristics

| | |
|--|--------|
| UV-resistant: | yes |
| Halogen free: | yes |
| Flammability class according with UL94: | V2 |
| Glow-wire flammability according to EN 60695-2-11: | 960 °C |
| Industry quality: | yes |

mechanical properties

| | |
|---------------------|-----------------------|
| Type of fastening: | Wall/ceiling mounting |
| Impact strength: | IK08 |
| Sealable: | yes |
| Cover screw torque: | 1.2 Nm |
| Stackable: | yes |
| Type of top part: | Cover |

mechanical properties

| | |
|------------|------------------------|
| Fastening: | internal fixing points |
|------------|------------------------|

Ambient conditions

| | |
|------------------------------|--|
| max. relative humidity 25°C: | 95 % |
| max. relative humidity 40°C: | 50 % |
| Min. ambient temperature: | -35 °C |
| Max. ambient temperature: | 80 °C |
| 24h ambient temperature: | 60 °C |
| Installation location: | protected outdoor areas |
| Location: | Installations in industrial environments and protected outdoor areas |

Material

| | |
|-----------------------|---------------------------------------|
| Base unit material: | Polycarbonate |
| Cover material: | Polycarbonate, glass-fibre reinforced |
| Sealing material: | Polyurethane |
| Cover screw material: | Polyamide, glass-fibre reinforced |

Certificates

| | |
|------------|---|
| Test mark: | UL (UL 50 & CSA 22.2 No. 94.1-07, UL 50E & CSA C22.2 No. 94.2-07) |
| Test mark: | DLG (Ammonia resistance) |
| Test mark: | DNV (Class: Ships and Offshore Installations) |

Accessories

[89601201 - MABF 65-3 - Mast/pipe fixing set](#)

[19400101 - TK ABL - External fixing lugs kit](#)

[19000501 - ASS-gro - External hinge set](#)

[19000101 - HBA - Mounting material](#)

[19500601 - TK MPI-1811 - Mounting plate](#)

[19808101 - NS 35-81 - Standard rail](#)

[19814401 - NS 35-144 - Standard rail](#)

Cable gland

