

Empty enclosure

# TK PC 1811-16-m

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Empty enclosure

CUSTOMIZABLE

Productnumber: 12840601

Dimensions: 180 x 110 x 165 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, M20/M25/M32/M40, (20 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: | 165 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

