**Ref: CDP18PT**

# Serie Ecology

## IP65 Surface boxes

IP65 PC distribution box 1x18 modules. Transparent door



## Features

| | |
|---|---|
| **Application:** | Industrial (watertight and distribution enclosures),Renewable energies |
| **Suitable for outdoor installation:** | Yes |
| **Type of installation:** | Surface |
| **Material Quality:** | Polycarbonate (PC) |

## Modular capacity

| | |
|---|---|
| **Capacity/Number of modules:** | 18 |
| **Number of rows:** | 1x18 |

## Technical data

| | |
|---|---|
| **Protection degree:** | IP65 |
| **Resistance to impact:** | IK08 |
| **Glow wire resistance (ºC):** | 850 |
| **Ball pressure test (°C):** | 70 |
| **Maximum material temperature (ºC):** | +80 |
| **Double insulation:** | Class II |

## Dimensions

| | |
|---|---|
| **Piece dimensions - HxWxD (mm):** | 286 x 418 x 148 |
| **Top cable entry (mm):** | 12xM20-6xM25-2xM32-1xM40 |
| **Lower cable entry (mm):** | 12xM20-6xM25-2xM32-1xM40 |
| **Internal cable entry (mm):** | 4xM25 |
| **Rear Oblong (mm):** | 2xOB 25/32/25 |

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### Additional features

| | |
|---|---|
| **Door/window/lid type:** | Transparent |
| **Reversible door:** | Yes |
| **UV protection:** | Yes |
| **Number of doors:** | 1 |
| **Lock type:** | Snap closure |
| **No. of locks:** | 1 |
| **Lock - Key Type:** | Without key Possibility of lock with key (ref. 92150) or 8 mm triangular lock (ref. 22069), available as optional accessories |
| **Sealable:** | Yes |
| **Linkable:** | Yes |
| **Neutral and earth bars:** | No |
| **Includes DIN Rail:** | Yes |
| **Plate:** | No |
| **Adjustable Plate:** | No |
| **Perforated Plate:** | No |

### Materials

| | |
|---|---|
| **Halogen-free materials:** | Yes |
| **Body/Base Material:** | Polycarbonate (PC) |
| **Frame material:** | Polycarbonate (PC) |
| **Door/Lid/Window Material:** | Polycarbonate (PC) |
| **Lock material:** | Acetal resin |
| **Base color:** | Grey RAL 7035 |
| **Frame color:** | Grey RAL 7035 |
| **Door color:** | Smoked |

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### Electrical properties

**Maximum voltage (V):** 1000 AC / 1500 DC

**Power dissipation:**

| Power dissipation P(W) as a function of temperature increase ΔT (°C) | | | | |
|---|---|---|---|---|
| 20 | 25 | 30 | 35 | 40 |
| 23.1 | 28.9 | 34.7 | 40.4 | 46.2 |

Data calculated according to IEC TR 60890 using the method for verifying temperature rise in low-voltage switchgear and controlgear assemblies.

### Certificates and regulations

**Directive:** 2014/35/EU

**Standards:** UNE-EN 62208,UNE-EN 61439-1

### Packaging

**Supply:** Supplied in individual packaging When several items are sent together, they are bundled together with transparent film
TH35x75 symmetrical rail in enclosures with one row of modules and a compact frame in enclosures with two or more rows of modules They are supplied assembled in all references
**Accessory bag:**
Hermetic caps
Cover-base locking screws
Grey module cover (6 modules)
Module identification strips

**Individual Packaging Type:** Box

**UoM Packaging - Individual:** Unit

**Minimum Selling Quantity:** 4

**Individual packaging dimensions - HxWxD (m):** 0.291 x 0.428 x 0.167

**Net weight per unit (kg):** 2.132

**Gross weight per unit (kg):** 2.345

### Codes

**GTIN-13 code:** 8431044127897

**Tariff code:** 85381000

**ETIM code 9.0:** EC000214

### Downloads (links)

## Ref: CDP18PT

| | |
|---|---|
| **Product drawing DXF (URL):** | https://ideelectric.com/docs/plans/dxf/CDP18PT.dxf |
| **Product drawing (PDF):** | https://ideelectric.com/docs/plans/pdf/CDP18PT.pdf |
| **Assembly instructions:** | https://assemblysteps.org/qr/92809 |