**Ref: GPS36PO2F/RR**

# Serie Gold-P surface

## IP40 Surface plastic boxes

IP40 surface distribution box 2x18 (36) modules. Opaque door PE+N



## Features

| | |
|---|---|
| **Application:** | Tertiary (residential) |
| **Suitable for outdoor installation:** | No |
| **Type of installation:** | Surface |
| **Material Quality:** | ABS |

## Modular capacity

| | |
|---|---|
| **Capacity/Number of modules:** | 36 |
| **Number of rows:** | 2x18 |

## Technical data

| | |
|---|---|
| **Protection degree:** | IP40 |
| **Resistance to impact:** | IK08 |
| **Glow wire resistance (ºC):** | 650 |
| **Ball pressure test (°C):** | 70 |
| **Double insulation:** | Class I |

## Dimensions

| | |
|---|---|
| **Piece dimensions - HxWxD (mm):** | 419 x 393 x 118 |
| **Top cable entry (mm):** | 4x4 |
| **Lower cable entry (mm):** | 1xM50/M40 7xM25/M20 8xM25/M16 |
| **Rear cable entry (mm):** | 2xM40/M32 4xM25 |
| **Left and right cable entry (mm):** | 2xØ27 |

## Additional features

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| | |
|---|---|
| **Door/window/lid type:** | Opaque |
| **Reversible door:** | Yes |
| **UV protection:** | No |
| **Number of doors:** | 1 |
| **Lock type:** | Snap closure |
| **No. of locks:** | 1 |
| **Lock - Key Type:** | Without key Possibility of lock with key as accessory (ref. 22015) |
| **Sealable:** | No |
| **Linkable:** | No |
| **Neutral and earth bars:** | Yes |
| **Neutral and protective conductor cross-section (mm²):** | 12x(2,5-6)+12x(4-10)+1x(10-25)+1x(16-35) |
| **Includes DIN Rail:** | Yes |
| **Plate:** | No |
| **Adjustable Plate:** | No |
| **Perforated Plate:** | No |

## Materials

| | |
|---|---|
| **Halogen-free materials:** | Yes |
| **Body/Base Material:** | ABS |
| **Door/Lid/Window Material:** | ABS |
| **Chassis cover material:** | ABS |
| **Lock material:** | ABS |
| **Base color:** | White RAL 9003 |
| **Door color:** | White RAL 9003 |

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### Electrical properties

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

**Maximum permissible current (A):** 125

**Power dissipation:**

| Power dissipation P(W) as a function of temperature increase ΔT (°C) | | | | |
|---|---|---|---|---|
| 20 | 25 | 30 | 35 | 40 |
| 26.6 | 33.3 | 40.0 | 46.6 | 53.3 |

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:** EN-IEC 62208:2023,EN-IEC 60670-1:2021/A11:2021; EN 60670-24:2013/A11:2023

### Packaging

**Supply:**
Supplied in individual packaging
When several items are sent together, they are bundled together with transparent film
Supplied with all the elements assembled, except for the elements supplied in the accessory bag
**Accessory bag:**
Screws for frame-base closure
Door hinges
Cover for white modules (6 modules)
Hermetic caps
Level
Module identification strips

**Individual Packaging Type:** Box

**UoM Packaging - Individual:** Unit

**Minimum Selling Quantity:** 2

**Individual packaging dimensions - HxWxD (m):** 0.429 x 0.399 x 0.128

**Net weight per unit (kg):** 2.833

**Gross weight per unit (kg):** 3.116

### Codes

**GTIN-13 code:** 8431044522272

**Tariff code:** 85381000

**ETIM code 9.0:** EC000214

## Ref: GPS36PO2F/RR

### Downloads (links)

| | |
|---|---|
| **Product drawing STP (URL):** | https://ideelectric.com/docs/plans/stp/GPS36PO2FRR.stp |
| **Product drawing DXF (URL):** | https://ideelectric.com/docs/plans/dxf/GPS36PO2FRR.dxf |
| **Product drawing (PDF):** | https://ideelectric.com/docs/plans/pdf/GPS36PO2FRR.pdf |
| **Assembly instructions:** | https://assemblysteps.org/qr/91376 |
| **Videos:** | GOLD-P EMPOTRAR Y SUPERFICIE LOW |