**OEM Automatic Ltd**
Address: Whiteacres, Whetstone Leicester, LE8 6ZG
0116 284 9900 | Orders@oem.co.uk | www.oem.co.uk

# KDS- FP FLANGE PLATE

## Flange Plate Cable Entry - KDS-FP

28660.4
KDS-FP 2 x 10/24, Flange plate



- Low profile, modular system
- up to 120 cable entires
- Uses standard KDS inserts
- Tool free locking clamps
- IP66

### PRODUCT DESCRIPTION

KDS-FP
Flange plates
New versatility for managing cables
The new KDS-FP flange plate provides manufacturers of machines and panels with a very cost-effective, convenient cable entry system solution.
It can be used to adapt housings and switchgear cabinets to fit your multiple cables and has the flexibility to accommadate any updated wiring requirements at any time, and can also considerably simplify your warehousing.
You no longer have to stock switchgear cabinets or enclosures with different cut-out configurations of assembled cable and cable outlets. Instead, you can uniformly prepare your products with the flange plate and then adapt them at any time to your specific cabling or tubing requirements.

In the future, CONTA-CLIP will also offer the flange plates of the KDS-FP series in other shapes and sizes.

Your advantage is that you save money by requiring fewer variants.

The modular design – 3 basic components – provides more flexibility

1. Flange plate
The flange plate is available in the 2 variants;
KDS-FP-2x10/24 (up to 20 feed-through openings)
KDS-FP-3x10/24 (up to 30 feed-through openings)
Uniform housing break-outs of 131 x 110 mm or 131 x 161 mm are used for installation.

By screwing the flange plate on the outside of the cabinet,the break-out is completely sealed according to IP66.
On the closed flange plates, there are two or three cover segments with pre-determined breaking points; these can be pushed out (without tools) which then opens up a 40 x 110 mm feed-through opening.
The click-in KDSClickframe inlays can be used to subdivide this opening in up to ten appropriately sized frame openings.

2. Inlays
The click-in inlays enable needs-based dimensioning of the frame opening, corresponding to the seal being used.
An audible "click" confirms a correct installation. So you can configure the cable entries to match various requirements (for cables, lines, tubing, pneumatic and hydraulic lines).

3. Seals
The conical shape of the seal makes it easy to press in. Thisalso reliably seals the gaps and ensures strain relief in accordance with DIN EN 62444. The seals are installed by pressing them from the inside outwards into the openings of the previously installed inlays.
Their wave-cut profile makes them easy to install and ensures a perfect fit around the cables.
There are currently over 90 different seals that can be used for sealing cables of various diameters and sizes.

4. Locking Pins

For additional security there are locking clamps available to prevent seals being pushed into the enclosure from the outside and an additional cover to conform to UL when an opening is not currently being used.

# TECHNICAL DATA

## GENERAL DATA

| | |
|---|---|
| **Mounting** | Screw |
| **Colour** | Black |
| **IP class** | IP66 |

| | |
|---|---|
| **NEMA class** | 4x |
| **Length** | 165 mm |
| **Width** | 123 mm |
| **Height** | 17.5 mm |
| **Installed height** | 10.5 mm |

## MOUNTING DETAILS

| | |
|---|---|
| **Number of screw holes** | 6 |
| **Diameter of the screw holes** | 5.5 mm |
| **Fixing screws** | M5 |
| **Torque of the fixing screws** | 3 |

## MATERIALS

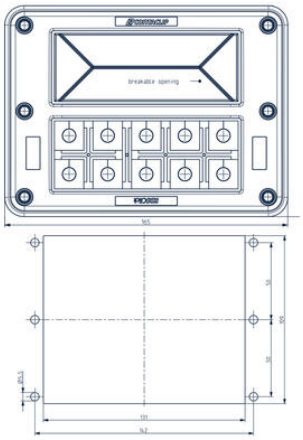
| | |
|---|---|
| **Material** | Polyamide |
| **Glass-fibre reinforced** | Yes |
| **Flammability class** | V-0 |
| **Sealing material** | Polyurethane |
| **Silicone-free** | Yes |
| **Halogen-free** | Yes |
| **Operating temperature from** | -40 °C |
| **Operating temperature to** | 120 °C |

## APPROVALS

| | |
|---|---|
| **UL test standard** | UL 508A |
| **cUL test standard** | C22.2 No. 14-18 |

## ADDITIONAL DATA

| | |
|---|---|
| **Tariff code** | 39259020 |
| **Country of origin** | DE |
| **Weight** | 146 g |
| **Pack size** | 1 |


breakable opening

