

## KDS SEAL INSERTS

KDS-DE, KDE-DEG, KDS-DES, KDS-DE-FB,  
KDS-DE-Z2K

28670.4

KDS-DE 15-16, Black insert, Max 16mmø

- 1.0mm to 35mm, cable diameters
- Patented 'Wave Cut' technology
- Flat cable versions for KDS-FB
- -40°C to 120°C
- IP66 - UL 94-V0 - Grey, UL 94HB- Black



## PRODUCT DESCRIPTION

Conta-Clip offer a wide range of IP66 seals to suit all applications and cable sizes.

The seals are rated to IP66, NEMA12 & NEMA 4X and are ECOLAB® certified, they are available in the standard grey colour or black.

The standard DE and DEG seals ensures a static strain relief in accordance to DIN EN 62444 standard.

Where a higher strain relief is required, the DE-Z2K seals can be used, they made of TPE and glass fibre reinforced polyamide, giving a strain relief of up to 42 Newtons.

The black seals have an operating temperature from -40°C to 120°C, are UV-stabilised and have a high chemical resistance. These are available in the small & large square profile seals only.

Single hole inserts can accommodate cables diameters from 1.5mm up to 35mm and there is a selection of 2, 3 and 4 hole variants for cable diameters of 4.5mm to 8mm diameter.

The introduction of the compact KDS-FB frame now offers a wide range of rectangular inserts designed for flat cables commonly used in the elevator and lifting industry. These can be combined with the small KDS-DE inserts to provide a round & flat cable entry system.

When the split seals or a lower strain relief and high IP rating are not required, then there are a range of seals with a 'fish skin' membrane that can be easily punctured to pass the cables through to provide an IP54 entry.

Cone shape and seals for ASi interface cables complete the range.

## TECHNICAL DATA

### GENERAL DATA

|          |         |
|----------|---------|
| Mounting | Push in |
| Colour   | Black   |
| IP class | IP66    |

|                    |         |
|--------------------|---------|
| Approvals          | cUL, UL |
| NEMA class         | 4x      |
| Number of cables   | 1       |
| Cable diameter min | 15 mm   |
| Cable diameter max | 16 mm   |
| Length             | 20.3 mm |
| Width              | 20.3 mm |
| Height             | 17.7 mm |

**MATERIALS**

|                            |        |
|----------------------------|--------|
| Material                   | TPE    |
| Glass-fibre reinforced     | No     |
| Flammability class         | HB     |
| Silicone-free              | Yes    |
| Halogen-free               | Yes    |
| UV-resistant               | Yes    |
| Operating temperature from | -40 °C |
| Operating temperature to   | 120 °C |

**APPROVALS**

|                   |                 |
|-------------------|-----------------|
| Approvals         | cUL, UL         |
| UL test standard  | UL 508          |
| cUL test standard | C22.2 No. 14-95 |

**ADDITIONAL DATA**

|                   |          |
|-------------------|----------|
| Tariff code       | 39259020 |
| Country of origin | DE       |
| Weight            | 3.9 g    |
| Pack size         | 10       |