

## KDS SEAL INSERTS

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

28557.4

KDS-DE 4x 2-3, Black insert, Max 3mmø

- 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	4
Cable diameter min	2 mm
Cable diameter max	3 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	6.8 g
Pack size	10