

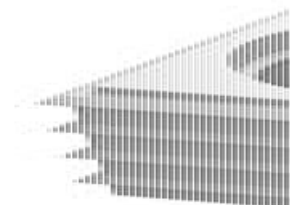
## KDS SEAL INSERTS

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

28558.4

KDS-DE 4x 3-4, Black insert, Max 4mmø

- 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

<b>Mounting</b>	Push in
<b>Colour</b>	Black
<b>IP class</b>	IP66

<b>Approvals</b>	cUL, UL
<b>NEMA class</b>	4x
<b>Number of cables</b>	4
<b>Cable diameter min</b>	3 mm
<b>Cable diameter max</b>	4 mm
<b>Length</b>	20,3 mm
<b>Width</b>	20,3 mm
<b>Height</b>	17,7 mm

## MATERIALS

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

## APPROVALS

<b>Approvals</b>	cUL, UL
<b>UL test standard</b>	UL 508
<b>cUL test standard</b>	C22.2 No. 14-95

## ADDITIONAL DATA

<b>Tariff code</b>	39259020
<b>Country of origin</b>	DE
<b>Weight</b>	6,6 g
<b>Pack size</b>	10