



Seal, Mounting type: Plug in, Length x width: 20.3 mm, Max. cable diameter: 6.5 mm, IP 66, Colour: Grey

RAL: Ähnlich 7035

Business data

| | |
|--|-----------------|
| Article number | 28607.6 |
| Article name | KDS-DE 2X6,5 GR |
| GTIN (EAN) | 4044211216238 |
| Packaging unit | 10 |
| Quantity unit | PC |
| Weight per piece (not including packaging) | 6 g |
| Weight per piece (including packaging) | 6.4 g |
| Unit of weight | G |
| Customs number | 39259020 |
| Country of origin | DE |
| Product description | Sealing Element |
| Colour | Grey |

Technical data

Dimensions

| | |
|--------|---------|
| Length | 20.3 mm |
| Width | 20.3 mm |
| Height | 17.7 mm |

Materials

| | |
|---------------------------|--------|
| Material | TPE |
| Flammability class UL 94 | V-0 |
| Working temperature, min. | -40 °C |
| Working temperature, max. | 90 °C |
| Halogen-free | ✓ |
| Silicone-free | ✓ |

Further technical data

| | |
|----------------------|-----------------------------|
| Mounting type | Plug in |
| Degree of protection | IP66 |
| Strain relief | ✓ |
| Cable diameter, min. | 6.2 mm |
| Cable diameter, max. | 6.6 mm |
| NEMA Type | 1, 12, 4x (indoor use only) |
| Number of wires | 2 |

Environmental Product Compliance

| | |
|--------------------------------|------------|
| REACH Conform | yes |
| REACH Reference date | 2023-06-14 |
| REACH Candidate Substance Note | No |
| RoHS Conform | yes |

Approvals

Standards and regulations

| | |
|----------------------------|---|
| Standards / specifications | Strain relief complying with DIN EN 62444 |
|----------------------------|---|

cUL Recognized

| | |
|--------------|-----------------|
| cUL approval | C22.2 No. 14-18 |
|--------------|-----------------|

| | |
|-----------------|---------|
| cUL File Number | E489821 |
|-----------------|---------|

| | |
|----------------|---|
| cUL Recognized | 1 |
|----------------|---|

UL Recognized

| | |
|-------------|---------|
| UL approval | UL 508A |
|-------------|---------|

| | |
|----------------|---------|
| UL File Number | E489821 |
|----------------|---------|

| | |
|---------------|---|
| UL Recognized | 1 |
|---------------|---|

| | |
|----------------|-----------------------------|
| UL Type Rating | 1, 12, 4x (indoor use only) |
|----------------|-----------------------------|

German Lloyd approval

| | |
|---------------------------|------------|
| DNV GL Certificate number | TAE00003V7 |
|---------------------------|------------|

| | |
|-------------------------|--|
| DNV GL Location Classes | Temperature: -40°C to 120°C, Humidity: B, Vibration: B, Ingress protection: IP66 |
|-------------------------|--|

| | |
|-------------------------|---|
| DNV GL approval granted | 1 |
|-------------------------|---|

Media



Accessories

Inlays



Cable entry, Inlay, Mounting type: Plug in, IP 66, Colour: Black

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|----------------|---------------|----------------|
| <u>28516.4</u> | KDS-Inlay 1 BK | 4044211210847 | 5 ST |



Cable entry, Inlay, Mounting type: Plug in, IP 66, Colour: Black

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|----------------|---------------|----------------|
| <u>28517.4</u> | KDS-Inlay 2 BK | 4044211210854 | 5 ST |



Cable entry, Inlay, Mounting type: Plug in, IP 66, Colour: Black

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|----------------|---------------|----------------|
| <u>28518.4</u> | KDS-Inlay 4 BK | 4044211210861 | 5 ST |



Cable entry, Inlay, Mounting type: Plug in, IP 66, Colour: Black

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|----------------|---------------|----------------|
| <u>28519.4</u> | KDS-Inlay 6 BK | 4044211210014 | 5 ST |

Screw frame



Cable entry with foamed-in seal, Mounting type: Screws, Length: 153 mm, Width: 70 mm, IP 66, Colour: Black

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|-----------------|---------------|----------------|
| <u>28504.4</u> | KDS-SR 10/24 BK | 4044211210809 | 1 ST |



Cable entry with foamed-in seal, Mounting type: Screws, Length: 106 mm, Width: 70 mm, IP 66, Colour: Black

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|----------------|---------------|----------------|
| <u>28500.4</u> | KDS-SR 6/10 BK | 4044211210021 | 1 ST |

28607.6 KDS-DE 2X6,5 GR

Screw frame



Cable entry with foamed-in seal, Mounting type: Screws, Length: 126 mm, Width: 70 mm, IP 66, Colour: Black

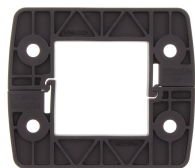
| Article number | Article name | GTIN (EAN) | Packaging unit |
|-------------------------|----------------|---------------|----------------|
| 28502.4 | KDS-SR 8/16 BK | 4044211210786 | 1 ST |



Cable entry with foamed-in seal, Mounting type: Screws, Length: 81 mm, Width: 70 mm, IP 66, Colour: Black

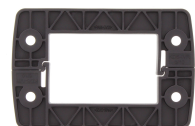
| Article number | Article name | GTIN (EAN) | Packaging unit |
|-------------------------|---------------|---------------|----------------|
| 28506.4 | KDS-SR 1-4 BK | 4044211210823 | 1 ST |

Locking frame



Inner locking frame, Length: 80 mm, Height: 11.5 mm, Colour: Black

| Article number | Article name | GTIN (EAN) | Packaging unit |
|-------------------------|----------------|---------------|----------------|
| 28507.4 | KDS-IVR 1-4 BK | 4044211210830 | 10 ST |



Inner locking frame, Length: 105 mm, Height: 11.5 mm, Colour: Black

| Article number | Article name | GTIN (EAN) | Packaging unit |
|-------------------------|-----------------|---------------|----------------|
| 28501.4 | KDS-IVR 6/10 BK | 4044211210779 | 10 ST |



Inner locking frame, Length: 125 mm, Height: 11.5 mm, Colour: Black

| Article number | Article name | GTIN (EAN) | Packaging unit |
|-------------------------|-----------------|---------------|----------------|
| 28503.4 | KDS-IVR 8/16 BK | 4044211210793 | 10 ST |



Inner locking frame, Length: 152 mm, Height: 11.5 mm, Colour: Black

| Article number | Article name | GTIN (EAN) | Packaging unit |
|-------------------------|------------------|---------------|----------------|
| 28505.4 | KDS-IVR 10/24 BK | 4044211210816 | 10 ST |

Actuating tool

28607.6 KDS-DE 2X6,5 GR



Using the KDS BW1 actuating tool, the seals can be conveniently mounted in and dismantled from the frame. The ergonomic grip and the special shape enable simple and precise installations, especially for cabling applications in confined spaces., Material: Polyamide

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|--------------|---------------|----------------|
| <u>28622.0</u> | KDS BW 1 | 4044211216597 | 1 ST |

##INVERSE##CONTA-CABLE



Split cable gland including counter nut, Thread type: metric, Material: PA 6.6, Protection: IP 66, Colour: Black

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|---------------|---------------|----------------|
| <u>28610.4</u> | KDS-KV M20 BK | 4044211208936 | 10 ST |



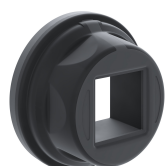
Cable entry with moulded-in seal, Mounting type: Screws, Length: 98 mm, Width: 39 mm, IP 66, Colour: Black

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|-----------------|---------------|----------------|
| <u>28702.4</u> | KDS-SR-FB2/B BK | 4044211225490 | 10 ST |



Cable entry with moulded-in seal, Mounting type: Screws, Length: 98 mm, Width: 39 mm, IP 66, Colour: Black

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|-----------------|---------------|----------------|
| <u>28702.4</u> | KDS-SR-FB2/B BK | 4044211225490 | 10 ST |



Round cable entry, Material: polyamide PA 6.6, glass-fibre reinforced | TPE, Colour: Black

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|----------------|---------------|----------------|
| <u>28770.4</u> | KDS-R 20-32 BK | 4044211234508 | 5 ST |

##INVERSE##CONTA-CABLE



Thread and locking adapter, Material: Polyamide PA 6.6, glass-fibre reinforced, Colour: Black

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|----------------|---------------|----------------|
| <u>28776.4</u> | KDS-RGA M50 BK | 4044211234560 | 5 ST |



Thread and locking adapter, Material: Polyamide PA 6.6, glass-fibre reinforced, Colour: Black

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|----------------|---------------|----------------|
| <u>28771.4</u> | KDS-RGA M20 BK | 4044211234515 | 5 ST |



Cable entry with moulded-in seal, Mounting type: Screws, Length: 147 mm, Width: 39 mm, IP 66, Colour: Black

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|-----------------|---------------|----------------|
| <u>28708.4</u> | KDS-SR-FB4/B BK | 4044211225551 | 10 ST |



Cable entry with moulded-in seal, Mounting type: Screws, Length: 147 mm, Width: 39 mm, IP 66, Colour: Black

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|-----------------|---------------|----------------|
| <u>28710.4</u> | KDS-SR-FB4/D BK | 4044211225575 | 10 ST |



Cable entry with moulded-in seal, Mounting type: Screws, Length: 147 mm, Width: 39 mm, IP 66, Colour: Black

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|-----------------|---------------|----------------|
| <u>28712.4</u> | KDS-SR-FB4/F BK | 4044211225599 | 10 ST |



Cable entry with foamed-in seal, Mounting type: Screws, Length: 126 mm, Width: 70 mm, IP 66, Colour: Black

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|----------------|---------------|----------------|
| <u>28502.4</u> | KDS-SR 8/16 BK | 4044211210786 | 1 ST |

##INVERSE##CONTA-CABLE



Cable entry set, IP66, Consisting of: 1xKDSI-SR 6/10, 1xKDS-Inlay 2, 1xKDS-Inlay 6

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|------------------|---------------|----------------|
| <u>28891.4</u> | KDSI-SET 6/10 BK | 4044211242169 | 1 ST |



Cable entry with TPE seal, Mounting type: Screws, Length: 153 mm, Width: 64 mm, IP 66, Colour: Black

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|------------------|---------------|----------------|
| <u>28883.4</u> | KDSI-SR 10/24 BK | 4044211242107 | 1 ST |



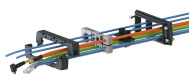
Cable entry with foamed-in seal, Mounting type: Screws, Length: 81 mm, Width: 70 mm, IP 66, Colour: Black

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|---------------|---------------|----------------|
| <u>28506.4</u> | KDS-SR 1-4 BK | 4044211210823 | 1 ST |



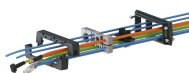
Cable entry set, IP66, Consisting of: 1xKDSI-SR 8/16, 2xKDS-Inlay 4

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|------------------|---------------|----------------|
| <u>28892.4</u> | KDSI-SET 8/16 BK | 4044211242176 | 1 ST |



Cable entry with TPE seal, Mounting type: Screws, Length: 81 mm, Width: 64 mm, IP 66, Colour: Black

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|----------------|---------------|----------------|
| <u>28880.4</u> | KDSI-SR 1-4 BK | 4044211243807 | 1 ST |



Cable entry with TPE seal, Mounting type: Screws, Length: 126 mm, Width: 64 mm, IP 66, Colour: Black

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|-----------------|---------------|----------------|
| <u>28882.4</u> | KDSI-SR 8/16 BK | 4044211242091 | 1 ST |

##INVERSE##CONTA-CABLE



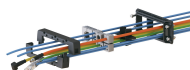
Cable entry set, IP66, Consisting of: 1xKDSI-SR 6/10, 1xKDS-Inlay 2, 1xKDS-Inlay 6

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|------------------|---------------|----------------|
| <u>28891.4</u> | KDSI-SET 6/10 BK | 4044211242169 | 1 ST |



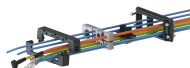
Cable entry with foamed-in seal, Mounting type: Screws, Length: 153 mm, Width: 70 mm, IP 66, Colour: Black

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|-----------------|---------------|----------------|
| <u>28504.4</u> | KDS-SR 10/24 BK | 4044211210809 | 1 ST |



Cable entry with TPE seal, Mounting type: Screws, Length: 106 mm, Width: 64 mm, IP 66, Colour: Black

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|-----------------|---------------|----------------|
| <u>28881.4</u> | KDSI-SR 6/10 BK | 4044211242084 | 1 ST |



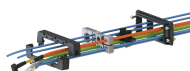
Cable entry with TPE seal, Mounting type: Screws, Length: 106 mm, Width: 64 mm, IP 66, Colour: Black

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|-----------------|---------------|----------------|
| <u>28881.4</u> | KDSI-SR 6/10 BK | 4044211242084 | 1 ST |



Cable entry set, IP66, Consisting of: 1xKDSI-SR 8/16, 2xKDS-Inlay 4

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|------------------|---------------|----------------|
| <u>28892.4</u> | KDSI-SET 8/16 BK | 4044211242176 | 1 ST |



Cable entry with TPE seal, Mounting type: Screws, Length: 106 mm, Width: 64 mm, IP 66, Colour: Black

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|-----------------|---------------|----------------|
| <u>28881.4</u> | KDSI-SR 6/10 BK | 4044211242084 | 1 ST |

28607.6 KDS-DE 2X6,5 GR

##INVERSE##CONTA-CABLE



Cable entry with TPE seal, Mounting type: Screws, Length: 106 mm, Width: 64 mm, IP66, Colour: Black

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|-----------------|---------------|----------------|
| <u>28881.4</u> | KDSI-SR 6/10 BK | 4044211242084 | 1 ST |



Cable entry set, IP66, Consisting of: 1 x KDS-SR 10/24, 1 each of KDS-Inlay 2,4,6

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|------------------|---------------|----------------|
| <u>28605.4</u> | KDS-Set 10/24 BK | 4044211216214 | 1 ST |



Cable entry set, IP66, Consisting of: 1 x KDS-SR 6/10, 1 x KDS-Inlay 2, 1 x KDS-Inlay 6

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|-----------------|---------------|----------------|
| <u>28603.4</u> | KDS-Set 6/10 BK | 4044211216191 | 1 ST |



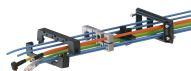
Cable entry set, IP66, Consisting of: 1 x KDS-SR 8/16, 1 x KDS-Inlay 1, 2 x KDS-Inlay 4

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|-----------------|---------------|----------------|
| <u>28604.4</u> | KDS-Set 8/16 BK | 4044211216207 | 1 ST |



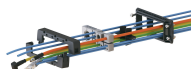
Cable entry set, IP66, Consisting of: 1 x KDS-SR 10/24, 1 each of KDS-Inlay 2,4,6

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|------------------|---------------|----------------|
| <u>28605.4</u> | KDS-Set 10/24 BK | 4044211216214 | 1 ST |



Cable entry with TPE seal, Mounting type: Screws, Length: 81 mm, Width: 64 mm, IP 66, Colour: Black

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|----------------|---------------|----------------|
| <u>28880.4</u> | KDSI-Sr 1-4 BK | 4044211243807 | 1 ST |



Cable entry with TPE seal, Mounting type: Screws, Length: 126 mm, Width: 64 mm, IP 66, Colour: Black

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|-----------------|---------------|----------------|
| <u>28882.4</u> | KDSI-SR 8/16 BK | 4044211242091 | 1 ST |

##INVERSE##CONTA-CABLE



Cable entry with TPE seal, Mounting type: Screws, Length: 153 mm, Width: 64 mm, IP 66, Colour: Black

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|------------------|---------------|----------------|
| <u>28883.4</u> | KDSI-SR 10/24 BK | 4044211242107 | 1 ST |



Cable entry set, IP66, Consisting of: 1 x KDSI-SR 1-4 BK, 1 x KDS-Inlay 4 BK

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|-----------------|---------------|----------------|
| <u>28890.4</u> | KDSI-SET 1-4 BK | 4044211242152 | 1 ST |



Cable entry set, IP66, Consisting of: 1xKDSI-SR 6/10, 1xKDS-Inlay 2, 1xKDS-Inlay 6

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|------------------|---------------|----------------|
| <u>28891.4</u> | KDSI-SET 6/10 BK | 4044211242169 | 1 ST |



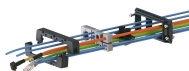
Cable entry set, IP66, Consisting of: 1xKDSI-SR 8/16, 2xKDS-Inlay 4

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|------------------|---------------|----------------|
| <u>28892.4</u> | KDSI-SET 8/16 BK | 4044211242176 | 1 ST |



Cable entry set, IP66, Consisting of: 1xKDSI-SR 10/24, each 1xKDS-Inlay 2,4,6

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|-------------------|---------------|----------------|
| <u>28893.4</u> | KDSI-SET 10/24 BK | 4044211242183 | 1 ST |



Cable entry with TPE seal, Mounting type: Screws, Length: 106 mm, Width: 64 mm, IP 66, Colour: Black

| Article number | Article name | GTIN (EAN) | Packaging unit |
|----------------|-----------------|---------------|----------------|
| <u>28881.4</u> | KDSI-SR 6/10 BK | 4044211242084 | 1 ST |