



Seal, Mounting type: Plug in, Length x width: 20.3 mm, Max. cable diameter: 6 mm, IP 66, Colour: Black

RAL: 9005

### Business data

|                                            |                 |
|--------------------------------------------|-----------------|
| Article number                             | 28525.4         |
| Article name                               | KDS-DE 5-6 BK   |
| GTIN (EAN)                                 | 4044211210915   |
| Colour                                     | Black           |
| Packaging unit                             | 10              |
| Quantity unit                              | PC              |
| Weight per piece (not including packaging) | 6.4 g           |
| Weight per piece (including packaging)     | 6.8 g           |
| Unit of weight                             | G               |
| Customs number                             | 39259020        |
| Country of origin                          | DE              |
| Product description                        | Sealing Element |

### Technical data

#### Dimensions

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

#### Materials

|                           |        |
|---------------------------|--------|
| Material                  | TPE    |
| Flammability class UL 94  | HB     |
| Working temperature, min. | -40 °C |
| Working temperature, max. | 120 °C |
| Halogen-free              | ✓      |
| Silicone-free             | ✓      |
| UV-resistant              | ✓      |

#### Further technical data

|                      |                             |
|----------------------|-----------------------------|
| Mounting type        | Plug in                     |
| Degree of protection | IP66                        |
| Strain relief        | ✓                           |
| Cable diameter, min. | 5 mm                        |
| Cable diameter, max. | 6 mm                        |
| NEMA Type            | 1, 12, 4x (indoor use only) |
| Number of wires      | 1                           |

#### Environmental Product Compliance

|                                |            |
|--------------------------------|------------|
| REACH Conform                  | yes        |
| REACH Reference date           | 2022-01-07 |
| REACH Candidate Substance Note | No         |
| RoHS Conform                   | yes        |

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### Approvals

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#### 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                                                                                |

#### UL Recognized

|                |         |
|----------------|---------|
| UL File Number | E489821 |
| UL approval    | UL 508A |
| UL Recognized  | yes     |

#### 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  | yes             |

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           |

## 28525.4 KDS-DE 5-6 BK

### 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 |
|----------------|----------------|---------------|----------------|
| <u>28502.4</u> | 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 |
|----------------|---------------|---------------|----------------|
| <u>28506.4</u> | 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 |
|----------------|----------------|---------------|----------------|
| <u>28507.4</u> | 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 |
|----------------|-----------------|---------------|----------------|
| <u>28501.4</u> | 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 |
|----------------|-----------------|---------------|----------------|
| <u>28503.4</u> | 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 |
|----------------|------------------|---------------|----------------|
| <u>28505.4</u> | KDS-IVR 10/24 BK | 4044211210816 | 10 ST          |

##INVERSE##CONTA-CABLE

## 28525.4 KDS-DE 5-6 BK



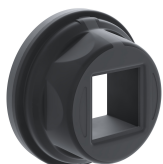
Cable entry flange plate with foamed-in frame gasket, Mounting type: Screw, Length: 165 mm, Width: 123 mm, IP66, Colour: Black

| Article number          | Article name      | GTIN (EAN)    | Packaging unit |
|-------------------------|-------------------|---------------|----------------|
| <a href="#">28660.4</a> | KDS-FP 2x10/24 BK | 4044211220358 | 1 ST           |



Cable entry flange plate with foamed-in frame gasket, Mounting type: Screw, Length: 165 mm, Width: 174 mm, IP66, Colour: Black

| Article number          | Article name      | GTIN (EAN)    | Packaging unit |
|-------------------------|-------------------|---------------|----------------|
| <a href="#">28661.4</a> | KDS-FP 3x10/24 BK | 4044211220365 | 1 ST           |



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

| Article number          | Article name   | GTIN (EAN)    | Packaging unit |
|-------------------------|----------------|---------------|----------------|
| <a href="#">28770.4</a> | KDS-R 20-32 BK | 4044211234508 | 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 |
|-------------------------|-----------------|---------------|----------------|
| <a href="#">28712.4</a> | KDS-SR-FB4/F BK | 4044211225599 | 10 ST          |



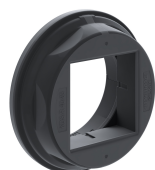
Thread and locking adapter, Material: Polyamide PA 6.6, glass-fibre reinforced, Colour: Black

| Article number          | Article name   | GTIN (EAN)    | Packaging unit |
|-------------------------|----------------|---------------|----------------|
| <a href="#">28772.4</a> | KDS-RGA M25 BK | 4044211234522 | 5 ST           |



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

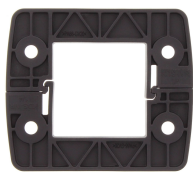
| Article number          | Article name   | GTIN (EAN)    | Packaging unit |
|-------------------------|----------------|---------------|----------------|
| <a href="#">28773.4</a> | KDS-RGA M32 BK | 4044211234539 | 5 ST           |



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

| Article number          | Article name   | GTIN (EAN)    | Packaging unit |
|-------------------------|----------------|---------------|----------------|
| <a href="#">28774.4</a> | KDS-R 40-63 BK | 4044211234546 | 5 ST           |

## 28525.4 KDS-DE 5-6 BK



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

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



Cable entry with moulded-in seal, Mounting type: Screws, Length: 120 mm, Width: 39 mm, IP 66, Colour: Black

| Article number | Article name    | GTIN (EAN)    | Packaging unit |
|----------------|-----------------|---------------|----------------|
| <u>28704.4</u> | KDS-SR-FB3/B BK | 4044211225513 | 10 ST          |



Cable entry with moulded-in seal, Mounting type: Screws, Length: 120 mm, Width: 39 mm, IP 66, Colour: Black

| Article number | Article name    | GTIN (EAN)    | Packaging unit |
|----------------|-----------------|---------------|----------------|
| <u>28706.4</u> | KDS-SR-FB3/D BK | 4044211225537 | 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>28708.4</u> | KDS-SR-FB4/B BK | 4044211225551 | 10 ST          |



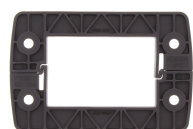
Cable entry with moulded-in seal, Mounting type: Screws, Length: 147 mm, Width: 39 mm, IP 66, Colour: Black

| Article number | Article name    | GTIN (EAN)    | Packaging unit |
|----------------|-----------------|---------------|----------------|
| <u>28709.4</u> | KDS-SR-FB4/C BK | 4044211225568 | 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          |



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

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

## 28525.4 KDS-DE 5-6 BK



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

| Article number          | Article name    | GTIN (EAN)    | Packaging unit |
|-------------------------|-----------------|---------------|----------------|
| <a href="#">28503.4</a> | 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 |
|-------------------------|------------------|---------------|----------------|
| <a href="#">28505.4</a> | KDS-IVR 10/24 BK | 4044211210816 | 10 ST          |



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

| Article number          | Article name   | GTIN (EAN)    | Packaging unit |
|-------------------------|----------------|---------------|----------------|
| <a href="#">28516.4</a> | 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 |
|-------------------------|----------------|---------------|----------------|
| <a href="#">28517.4</a> | 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 |
|-------------------------|----------------|---------------|----------------|
| <a href="#">28518.4</a> | 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 |
|-------------------------|----------------|---------------|----------------|
| <a href="#">28519.4</a> | KDS-Inlay 6 BK | 4044211210014 | 5 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 |
|-------------------------|-----------------|---------------|----------------|
| <a href="#">28504.4</a> | 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 |
|-------------------------|----------------|---------------|----------------|
| <a href="#">28500.4</a> | KDS-SR 6/10 BK | 4044211210021 | 1 ST           |

## 28525.4 KDS-DE 5-6 BK



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           |



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: 1 x KDS-SR 1-4 BK, 1 x KDS-Inlay 4 BK

| Article number | Article name   | GTIN (EAN)    | Packaging unit |
|----------------|----------------|---------------|----------------|
| <u>28602.4</u> | KDS-Set 1-4 BK | 4044211216184 | 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

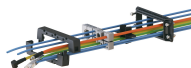
| Article number | Article name   | GTIN (EAN)    | Packaging unit |
|----------------|----------------|---------------|----------------|
| <u>28880.4</u> | KDSI-SR 1-4 BK | 4044211243807 | 1 ST           |

## 28525.4 KDS-DE 5-6 BK



Cable entry with TPE seal, Mounting type: Screws, Length: 126 mm, Width: 64 mm, IP66, Colour: Black

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