



Seal, Mounting type: Plug in, Length x width: 42.8 mm, Max. cable diameter: 26 mm, IP 66, Colour: Black

RAL: 9005

Business data

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Technical data

| Dimensions | |
|----------------------------------|-----------------------------|
| Length | 42.8 mm |
| Width | 42.8 mm |
| Height | 17.7 mm |
| Materials | |
| Material | TPE |
| Flammability class UL 94 | НВ |
| Working temperature, min. | -40 °C |
| Working temperature, max. | 120 °C |
| Halogen-free | \checkmark |
| Silicone-free | \checkmark |
| UV-resistant | \checkmark |
| Further technical data | |
| Mounting type | Plug in |
| Degree of protection | IP66 |
| Strain relief | \checkmark |
| Cable diameter, min. | 25 mm |
| Cable diameter, max. | 26 mm |
| NEMA Туре | 1, 12, 4x (indoor use only) |
| Number of wires | 1 |
| 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, In | lay, Mounting type: Plug in, IP 66, Colou | r: Black | |
|---|-----------------|---|---------------|-------------------|
| | Article number | Article name | GTIN (EAN) | Packaging unit |
| | 28516.4 | KDS-Inlay 1 BK | 4044211210847 | 5 ST |
| | Cable entry, In | lay, Mounting type: Plug in, IP 66, Colou | r: Black | |
| | Article number | Article name | GTIN (EAN) | Packaging unit |
| | 28517.4 | KDS-Inlay 2 BK | 4044211210854 | 5 ST |
| | Cable entry, In | lay, Mounting type: Plug in, IP 66, Colou | r: Black | |
| | Article number | Article name | GTIN (EAN) | Packaging unit |
| Ŧ | 28518.4 | KDS-Inlay 4 BK | 4044211210861 | 5 ST |
| | Cable entry, In | lay, Mounting type: Plug in, IP 66, Colou | r: Black | |
| | Article number | Article name | GTIN (EAN) | Packaging unit |
| | 28519.4 | 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 |
|---|----------------|-----------------|---------------|-------------------|
| | 28504.4 | 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 |
|----------------|----------------|---------------|-------------------|
| 28500.4 | KDS-SR 6/10 BK | 4044211210021 | 1 ST |



Screw frame

| • | Cable entry wi IP 66, Colour: | th foamed-in seal, Mounting type: Scre Black | ews, Length: 126 mm | , Width: 70 mm, |
|-----|----------------------------------|---|-----------------------|-------------------|
| •• | Article number | Article name | GTIN (EAN) | Packaging unit |
| | 28502.4 | KDS-SR 8/16 BK | 4044211210786 | 1 ST |
| • • | Cable entry wi IP 66, Colour: | th foamed-in seal, Mounting type: Scre Black | ews, Length: 81 mm, ' | Width: 70 mm, |
| | Article number | Article name | GTIN (EAN) | Packaging unit |
| | 28506.4 | KDS-SR 1-4 BK | 4044211210823 | 1 ST |

Locking frame

| Inner locking fra | ame, Length: 80 mm, Height: 11.5 mm, C | Colour: Black | |
|-------------------|--|---------------|-------------------|
| Article number | Article name | GTIN (EAN) | Packaging unit |
| 28507.4 | KDS-IVR 1-4 BK | 4044211210830 | 10 ST |

| Inner locking fr | ame, Length: 105 mm, Height: 11.5 mm | n, Colour: Black | |
|------------------|--------------------------------------|------------------------------------|-------------------|
| Article number | Article name | GTIN (EAN) | Packaging unit |
| 28501.4 | KDS-IVR 6/10 BK | 4044211210779 | 10 ST |
| Inner locking fr | ame, Length: 125 mm, Height: 11.5 mm | n, Colour: Black | |
| | | | |
| Article number | Article name | GTIN (EAN) | Packaging unit |
| Article number | Article name KDS-IVR 8/16 BK | GTIN (EAN) 4044211210793 | |
| <u>28503.4</u> | | 4044211210793 | unit |

KDS-IVR 10/24 BK

##INVERSE##CONTA-CABLE

28505.4

4044211210816

10 ST



| | IP 66, Colour: | DIACK | | |
|-------------|------------------------------------|--|--|-------------------------------------|
| 27 | Article number | Article name | GTIN (EAN) | Packaging unit |
| | 28613.4 | KDS-KV M40 BK | 4044211208967 | 5 ST |
| | Split cable glai IP 66, Colour: | nd including counter nut, Thread type Black | e: metric, Material: PA | 6.6, Protection |
| 27 | Article number | Article name | GTIN (EAN) | Packaging unit |
| | 28614.4 | KDS-KV M50 BK | 4044211208974 | 5 ST |
| | Cable entry, In | llay, Mounting type: Plug in, IP 66, C | olour: Black | |
| | Article number | Article name | GTIN (EAN) | Packaging unit |
| | 28517.4 | KDS-Inlay 2 BK | 4044211210854 | 5 ST |
| | Cable entry, In | Ilay, Mounting type: Plug in, IP 66, C | olour: Black | |
| | Article number | Article name | GTIN (EAN) | Packaging unit |
| | 28519.4 | KDS-Inlay 6 BK | 4044211210014 | 5 ST |
| | Inner locking f | rame, Length: 80 mm, Height: 11.5 n | nm, Colour: Black | |
| | Article number | Article name | GTIN (EAN) | Packaging unit |
| | 28507.4 | KDS-IVR 1-4 BK | 4044211210830 | 10 ST |
| | | | | |
| $\mathbf{}$ | Thread and loo Black | cking adapter, Material: Polyamide P | PA 6.6, glass-fibre reinf | orced, Colour: |
| C | | cking adapter, Material: Polyamide P Article name | PA 6.6, glass-fibre reinfo GTIN (EAN) | orced, Colour: Packaging unit |
| C | Black | | | Packaging |
| S | Black Article number 28775.4 | Article name | GTIN (EAN) 4044211234553 | Packaging unit 5 ST |
| C | Black Article number 28775.4 | Article name KDS-RGA M40 BK | GTIN (EAN) 4044211234553 | Packaging unit 5 ST |



| • • | Cable entry wit IP 66, Colour: | th foamed-in seal, Mounting type: Scr Black | ews, Length: 126 mm | n, Width: 70 mm |
|--------------|---|--|---|---|
| •• | Article number | Article name | GTIN (EAN) | Packaging unit |
| | 28502.4 | KDS-SR 8/16 BK | 4044211210786 | 1 ST |
| \mathbf{O} | Thread and loc Black | cking adapter, Material: Polyamide PA | 6.6, glass-fibre reinf | orced, Colour: |
| V | Article number | Article name | GTIN (EAN) | Packaging unit |
| | 28777.4 | KDS-RGA M63 BK | 4044211234577 | 5 ST |
| • _ • | Cable entry se | t, IP66, Consisting of: 1 x KDS-SR 1-4 | 4 BK, 1 x KDS-Inlay 4 | I BK |
| | Article number | Article name | GTIN (EAN) | Packaging unit |
| | 28602.4 | KDS-Set 1-4 BK | 4044211216184 | 1 ST |
| | Inner locking fr | rame, Length: 105 mm, Height: 11.5 n | nm, Colour: Black | |
| | | | | |
| | Article number | Article name | GTIN (EAN) | Packaging unit |
| | Article number 28501.4 | Article name KDS-IVR 6/10 BK | GTIN (EAN) 4044211210779 | |
| | <u>28501.4</u> | | 4044211210779 | unit 10 ST |
| | 28501.4 Cable entry wit | KDS-IVR 6/10 BK | 4044211210779 | unit 10 ST |
| | 28501.4 Cable entry wit Colour: Black | KDS-IVR 6/10 BK th TPE seal, Mounting type: Screws, I | 4044211210779 -ength: 81 mm, Width | unit 10 ST n: 64 mm, IP 66, Packaging |
| | 28501.4 Cable entry wit Colour: Black Article number 28880.4 | KDS-IVR 6/10 BK th TPE seal, Mounting type: Screws, I Article name | 4044211210779 Length: 81 mm, Width GTIN (EAN) 4044211243807 | unit 10 ST n: 64 mm, IP 66 Packaging unit 1 ST |
| | 28501.4 Cable entry wit Colour: Black Article number 28880.4 | KDS-IVR 6/10 BK th TPE seal, Mounting type: Screws, I Article name KDSI-SR 1-4 BK | 4044211210779 Length: 81 mm, Width GTIN (EAN) 4044211243807 | unit 10 ST n: 64 mm, IP 66, Packaging unit 1 ST |
| | 28501.4 Cable entry wit Colour: Black Article number 28880.4 Cable entry se | KDS-IVR 6/10 BK th TPE seal, Mounting type: Screws, I Article name KDSI-SR 1-4 BK t, IP66, Consisting of: 1xKDSI-SR 10/ | 4044211210779 Length: 81 mm, Width GTIN (EAN) 4044211243807 24, each 1xKDS-Inla | unit 10 ST n: 64 mm, IP 66 Packaging unit 1 ST y 2,4,6 Packaging |
| | 28501.4 Cable entry wit Colour: Black Article number 28880.4 Cable entry se Article number 28893.4 | KDS-IVR 6/10 BK th TPE seal, Mounting type: Screws, I Article name KDSI-SR 1-4 BK t, IP66, Consisting of: 1xKDSI-SR 10/ Article name | 4044211210779 ength: 81 mm, Width GTIN (EAN) 4044211243807 24, each 1xKDS-Inla GTIN (EAN) 4044211242183 | unit 10 ST n: 64 mm, IP 66 Packaging unit 1 ST y 2,4,6 Packaging unit |
| | 28501.4 Cable entry wit Colour: Black Article number 28880.4 Cable entry se Article number 28893.4 | KDS-IVR 6/10 BK th TPE seal, Mounting type: Screws, I Article name KDSI-SR 1-4 BK t, IP66, Consisting of: 1xKDSI-SR 10/ Article name KDSI-SET 10/24 BK | 4044211210779 ength: 81 mm, Width GTIN (EAN) 4044211243807 24, each 1xKDS-Inla GTIN (EAN) 4044211242183 | unit 10 ST n: 64 mm, IP 66 Packaging unit 1 ST y 2,4,6 Packaging unit |



| | Article number | Article name | GTIN (EAN) | Packaging |
|-----|--|---|---|--|
| | 28517.4 | KDS-Inlay 2 BK | 4044211210854 | unit 5 ST |
| | | | 4044211210004 | 551 |
| 0 | Cable entry, Ir | nlay, Mounting type: Plug in, IP 6 | 6, Colour: Black | |
| | Article number | Article name | GTIN (EAN) | Packaging unit |
| Ŧ | 28518.4 | KDS-Inlay 4 BK | 4044211210861 | 5 ST |
| | Cable entry, Ir | nlay, Mounting type: Plug in, IP 6 | 6, Colour: Black | |
| | Article number | Article name | GTIN (EAN) | Packaging unit |
| | 28519.4 | KDS-Inlay 6 BK | 4044211210014 | 5 ST |
| | | | | |
| | | | | |
| | Article number | Article name | GTIN (EAN) | Packaging unit |
| • • | Article number 28506.4 | Article name KDS-SR 1-4 BK | GTIN (EAN) 4044211210823 | |
| | 28506.4 | | 4044211210823 | unit 1 ST |
| | 28506.4 | KDS-SR 1-4 BK | 4044211210823 | unit 1 ST |
| | 28506.4 Cable entry se | KDS-SR 1-4 BK et, IP66, Consisting of: 1xKDSI-S | 4044211210823 R 10/24, each 1xKDS-Inla | unit 1 ST y 2,4,6 Packaging |
| | 28506.4 Cable entry se Article number 28893.4 | KDS-SR 1-4 BK et, IP66, Consisting of: 1xKDSI-S Article name | 4044211210823 R 10/24, each 1xKDS-Inla GTIN (EAN) 4044211242183 | unit 1 ST y 2,4,6 Packaging unit 1 ST |
| | 28506.4 Cable entry se Article number 28893.4 | KDS-SR 1-4 BK et, IP66, Consisting of: 1xKDSI-S Article name KDSI-SET 10/24 BK th TPE seal, Mounting type: Scre | 4044211210823 R 10/24, each 1xKDS-Inla GTIN (EAN) 4044211242183 | unit 1 ST y 2,4,6 Packaging unit 1 ST |
| | 28506.4 Cable entry se Article number 28893.4 Cable entry wi | KDS-SR 1-4 BK et, IP66, Consisting of: 1xKDSI-S Article name KDSI-SET 10/24 BK th TPE seal, Mounting type: Scre | 4044211210823 R 10/24, each 1xKDS-Inla GTIN (EAN) 4044211242183 | unit 1 ST y 2,4,6 Packaging unit 1 ST |
| | 28506.4 Cable entry se Article number 28893.4 Cable entry wi 66, Colour: Bla | KDS-SR 1-4 BK et, IP66, Consisting of: 1xKDSI-S Article name KDSI-SET 10/24 BK th TPE seal, Mounting type: Scre ack | 4044211210823 R 10/24, each 1xKDS-Inla GTIN (EAN) 4044211242183 ews, Length: 126 mm, Wid | unit 1 ST y 2,4,6 Packaging unit 1 ST th: 64 mm, IP Packaging |
| | 28506.4 Cable entry se Article number 28893.4 Cable entry wi 66, Colour: Bla Article number 28882.4 | KDS-SR 1-4 BK et, IP66, Consisting of: 1xKDSI-S Article name KDSI-SET 10/24 BK th TPE seal, Mounting type: Screack Article name KDSI-SR 8/16 BK th foamed-in seal, Mounting type | 4044211210823 R 10/24, each 1xKDS-Inla GTIN (EAN) 4044211242183 ews, Length: 126 mm, Wid GTIN (EAN) 4044211242091 | unit 1 ST y 2,4,6 Packaging unit 1 ST th: 64 mm, IP Packaging unit 1 ST |
| | 28506.4 Cable entry se Article number 28893.4 Cable entry wi 66, Colour: Bla Article number 28882.4 Cable entry wi | KDS-SR 1-4 BK et, IP66, Consisting of: 1xKDSI-S Article name KDSI-SET 10/24 BK th TPE seal, Mounting type: Screack Article name KDSI-SR 8/16 BK th foamed-in seal, Mounting type | 4044211210823 R 10/24, each 1xKDS-Inla GTIN (EAN) 4044211242183 ews, Length: 126 mm, Wid GTIN (EAN) 4044211242091 | unit 1 ST y 2,4,6 Packaging unit 1 ST th: 64 mm, IP Packaging unit 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 | | |
| | 28890.4 | 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 | | |
| | 28891.4 | KDSI-SET 6/10 BK | 4044211242169 | 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 | | |
| | 28604.4 | KDS-Set 8/16 BK | 4044211216207 | 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 | | |
| | 28893.4 | 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 | | |
| | 28881.4 | KDSI-SR 6/10 BK | 4044211242084 | 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 | | |
| | 28882.4 | 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 | | |
| | 28883.4 | 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 | |
| | 28890.4 | 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 | |
| | 28891.4 | 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 | |
| | 28892.4 | 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 | |
| | 28893.4 | 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 | |
| | | | | | |

28881.4

KDSI-SR 6/10 BK

4044211242084

1 ST