



Seal, Mounting type: Plug in, Length x width: 20.3 mm, IP 66, Colour: Black

RAL: 9005

Business data

Article number	<u>28559.4</u>
Article name	KDS-DE/1XASI BK
GTIN (EAN)	4044211215668
Packaging unit	10
Quantity unit	PC
Weight per piece (not including packaging)	6.1 g
Weight per piece (including packaging)	6.5 g
Unit of weight	G
Customs number	39259020
Country of origin	DE
Product description	Sealing Element
Colour	Black

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	✓
Number of wires	1

Environmental Product Compliance

REACH Conform	yes
REACH Reference date	2024-01-23
REACH Candidate Substance Note	No
RoHS Conform	yes

Approvals

Standards and regulations

Standards / specifications	Strain relief complying with DIN EN 62444
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cUL Recognized

cUL approval	C22.2 No. 14-18
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cUL File Number	E489821
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cUL Recognized	1
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UL Recognized

UL approval	UL 508A
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UL File Number	E489821
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UL Recognized	1
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German Lloyd approval

DNV GL Certificate number	TAE00003V7
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DNV GL Location Classes	Temperature: -40°C to 120°C, Humidity: B, Vibration: B, Ingress protection: IP66
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DNV GL approval granted	1
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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

28559.4 KDS-DE/1XASI BK

Screw frame



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

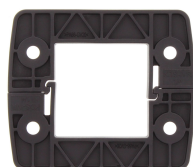
Article number	Article name	GTIN (EAN)	Packaging unit
28502.4	KDS-SR 8/16 BK	4044211210786	1 ST



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

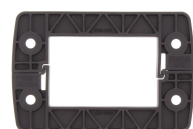
Article number	Article name	GTIN (EAN)	Packaging unit
28506.4	KDS-SR 1-4 BK	4044211210823	1 ST

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

28559.4 KDS-DE/1XASI BK



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 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
<u>28660.4</u>	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
<u>28661.4</u>	KDS-FP 3x10/24 BK	4044211220365	1 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

28559.4 KDS-DE/1XASI BK

##INVERSE##CONTA-CABLE

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

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

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



Article number	Article name	GTIN (EAN)	Packaging unit
<u>28772.4</u>	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
<u>28772.4</u>	KDS-RGA M25 BK	4044211234522	5 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

28559.4 KDS-DE/1XASI BK

##INVERSE##CONTA-CABLE



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
28602.4	KDS-Set 1-4 BK	4044211216184	1 ST



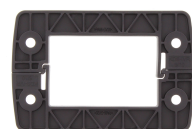
Cable entry with moulded-in seal, Mounting type: Screws, Length: 147 mm, Width: 39 mm, IP 66, Colour: Black

Article number	Article name	GTIN (EAN)	Packaging unit
28709.4	KDS-SR-FB4/C BK	4044211225568	10 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



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



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 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 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

28559.4 KDS-DE/1XASI BK

##INVERSE##CONTA-CABLE



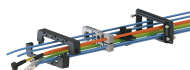
Cable entry with foamed-in seal, Mounting type: Screws, Length: 126 mm, Width: 70 mm, IP 66, Colour: Black

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



Cable entry 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: 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



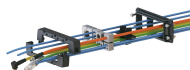
Cable entry set, IP66, Consisting of: 1xKDSI-SR 6/10, 1xKDS-Inlay 2, 1xKDS-Inlay 6

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: 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 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

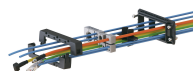
28559.4 KDS-DE/1XASI BK

##INVERSE##CONTA-CABLE



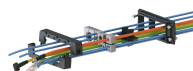
Cable entry with TPE seal, Mounting type: Screws, Length: 106 mm, Width: 64 mm, IP66, Colour: Black

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



Cable entry 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 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 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

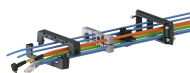
28559.4 KDS-DE/1XASI BK

##INVERSE##CONTA-CABLE



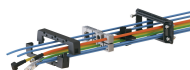
Cable entry set, IP66, Consisting of: 1xKDSI-SR 10/24, each 1xKDS-Inlay 2,4,6

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



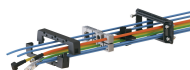
Cable entry with TPE seal, Mounting type: Screws, Length: 106 mm, Width: 64 mm, IP 66, Colour: Black

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



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



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

28559.4 KDS-DE/1XASI BK

##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 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