

Data sheet

28528.4 KDS-DE 8-9 BK



Seal, Mounting type: Plug in, Length x width: 20.3 mm, Max. cable diameter: 9 mm, IP 66, Colour: Black

RAL: 9005

Business data

Article number	<u>28528.4</u>
Article name	KDS-DE 8-9 BK
GTIN (EAN)	4044211210946
Packaging unit	10
Quantity unit	PC
Weight per piece (not including packaging)	5.6 g
Weight per piece (including packaging)	6 g
Unit of weight	G
Customs number	39259020
Country of origin	DE
Product description	Sealing Element
Colour	Black

Data sheet

28528.4 KDS-DE 8-9 BK



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.	8 mm
Cable diameter, max.	9 mm
NEMA Type	1, 12, 4x (indoor use only)
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
----------------------------	---

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

Screw frame



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

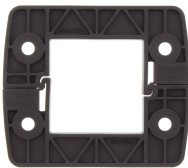
Article number	Article name	GTIN (EAN)	Packaging unit
28502.4	KDS-SR 8/16 BK	4044211210786	1 ST



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

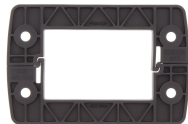
Article number	Article name	GTIN (EAN)	Packaging unit
28506.4	KDS-SR 1-4 BK	4044211210823	1 ST

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



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>28612.4</u>	KDS-KV M32 BK	4044211208950	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: 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

##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
	28776.4	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
	28771.4	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
	28771.4	KDS-RGA M20 BK	4044211234515	5 ST

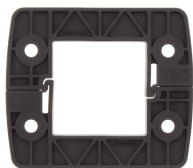
	Thread and locking adapter, Material: Polyamide PA 6.6, glass-fibre reinforced, Colour: Black			
	Article number	Article name	GTIN (EAN)	Packaging unit
	28772.4	KDS-RGA M25 BK	4044211234522	5 ST

	Thread and locking adapter, Material: Polyamide PA 6.6, glass-fibre reinforced, Colour: Black			
	Article number	Article name	GTIN (EAN)	Packaging unit
	28773.4	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
	28774.4	KDS-R 40-63 BK	4044211234546	5 ST

28528.4 KDS-DE 8-9 BK

##INVERSE##CONTA-CABLE



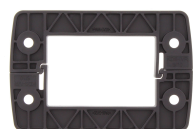
Inner locking frame, Length: 80 mm, Height: 11.5 mm, Colour: Black

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



Cable entry, 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



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



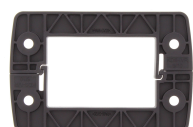
Inner locking frame, Length: 105 mm, Height: 11.5 mm, Colour: Black

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



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



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



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

28528.4 KDS-DE 8-9 BK

##INVERSE##CONTA-CABLE



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 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



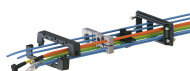
Cable entry set, IP66, Consisting of: 1xKDSI-SR 6/10, 1xKDS-Inlay 2, 1xKDS-Inlay 6

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: 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 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: 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: 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

##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 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



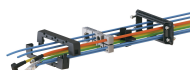
Cable entry set, IP66, Consisting of: 1 x KDS-SR 10/24, 1 each of KDS-Inlay 2,4,6

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: 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



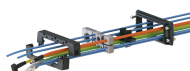
Cable entry with TPE seal, Mounting type: Screws, Length: 126 mm, Width: 64 mm, IP 66, Colour: Black

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 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

28528.4 KDS-DE 8-9 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



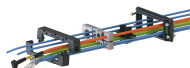
Cable entry set, IP66, Consisting of: 1 x KDS-SR 6/10, 1 x KDS-Inlay 2, 1 x KDS-Inlay 6

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



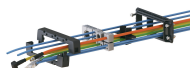
Cable entry set, IP66, Consisting of: 1 x KDS-SR 8/16, 1 x KDS-Inlay 1, 2 x KDS-Inlay 4

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



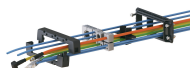
Cable entry with TPE seal, Mounting type: Screws, Length: 106 mm, Width: 64 mm, IP 66, Colour: Black

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

##INVERSE##CONTA-CABLE

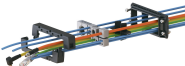
	Cable entry with TPE seal, Mounting type: Screws, Length: 153 mm, Width: 64 mm, IP66, Colour: Black			
	Article number	Article name	GTIN (EAN)	Packaging unit
	<u>28883.4</u>	KDSI-SR 10/24 BK	4044211242107	1 ST

	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