



Seal, Mounting type: Plug in, Length x width: 20.3 mm, Max. cable diameter: 8 mm, IP 66, Colour: Black

RAL: 9005

Business data

Article number	28527.4
Article name	KDS-DE 7-8 BK
GTIN (EAN)	4044211210939
Packaging unit	10
Quantity unit	PC
Weight per piece (not including packaging)	5.8 g
Weight per piece (including packaging)	6.2 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	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.	7 mm
Cable diameter, max.	8 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, Inlay, Mounting type: Plug in, IP 66, Colour: Black			
	Article number	Article name	GTIN (EAN)	Packaging unit
	28516.4	KDS-Inlay 1 BK	4044211210847	5 ST
	Cable entry, In	ay, 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
0	Cable entry, Inlay, Mounting type: Plug in, IP 66, Colour: 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, V	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 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 fra	ame, 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 fra	ame, 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 fra	ame, 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
28622.0	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
28610.4	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
	28660.4	KDS-FP 2x10/24 BK	4044211220358	1 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
28660.4	KDS-FP 2x10/24 BK	4044211220358	1 ST



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



	Article number	Article name	GTIN (EAN)	Packaging unit
	28704.4	KDS-SR-FB3/B BK	4044211225513	10 ST
	Cable entry wi mm, IP 66, Co	th moulded-in seal, Mounting t lour: Black	ype: Screws, Length: 120 m	m, Width: 39
	Article number	Article name	GTIN (EAN)	Packaging unit
	28706.4	KDS-SR-FB3/D BK	4044211225537	10 ST
	Thread and loo Black	cking adapter, Material: Polyar	nide PA 6.6, glass-fibre reinf	orced, Coloui
	Article number	Article name	GTIN (EAN)	Packaging unit
	28772.4	KDS-RGA M25 BK	4044211234522	5 ST
G		KDS-RGA M25 BK cking adapter, Material: Polyar Article name		orced, Coloui Packaging
C	Thread and loc Black	cking adapter, Material: Polyar	nide PA 6.6, glass-fibre reinf	
	Thread and loc Black Article number 28773.4	cking adapter, Material: Polyar Article name	nide PA 6.6, glass-fibre reinf GTIN (EAN) 4044211234539	orced, Colour Packaging unit 5 ST
	Thread and loc Black Article number 28773.4 Cable entry wir Colour: Black	cking adapter, Material: Polyar Article name KDS-RGA M32 BK th TPE seal, Mounting type: S	nide PA 6.6, glass-fibre reinf GTIN (EAN) 4044211234539 crews, Length: 81 mm, Width	orced, Colour Packaging unit 5 ST n: 64 mm, IP (Packaging
	Thread and loo Black Article number 28773.4 Cable entry wir Colour: Black Article number 28880.4	Article name KDS-RGA M32 BK th TPE seal, Mounting type: S Article name KDSI-SR 1-4 BK	nide PA 6.6, glass-fibre reinf GTIN (EAN) 4044211234539 crews, Length: 81 mm, Width GTIN (EAN) 4044211243807	orced, Colour Packaging unit 5 ST n: 64 mm, IP (Packaging unit 1 ST



	Inner locking f	rame, Length: 80 mm, Height: 11.5 m	.1.5 mm, Colour: Black	
	Article number	Article name	GTIN (EAN)	Packaging unit
	28507.4	KDS-IVR 1-4 BK	4044211210830	10 ST
	Cable entry wi mm, IP 66, Co	ith moulded-in seal, Mounting type: S lour: Black	crews, Length: 147 m	m, Width: 39
	Article number	Article name	GTIN (EAN)	Packaging unit
	28709.4	KDS-SR-FB4/C BK	4044211225568	10 ST
• •	Cable entry wi IP 66, Colour:	ith foamed-in seal, Mounting type: Sc Black	rews, Length: 81 mm,	Width: 70 mm,
	Article number	Article name	GTIN (EAN)	Packaging unit
	28506.4	KDS-SR 1-4 BK	4044211210823	1 ST
	Cable entry wi Colour: Black	th TPE seal, Mounting type: Screws,	Length: 81 mm, Width	n: 64 mm, IP 66,
-				Packaging
	Article number	Article name	GTIN (EAN)	Packaging unit
	Article number 28880.4	Article name KDSI-SR 1-4 BK	GTIN (EAN) 4044211243807	
	28880.4		4044211243807	unit
	28880.4	KDSI-SR 1-4 BK	4044211243807	unit
	28880.4 Inner locking f	KDSI-SR 1-4 BK rame, Length: 152 mm, Height: 11.5 r	4044211243807 mm, Colour: Black	unit 1 ST Packaging
	28880.4 Inner locking f Article number 28505.4	KDSI-SR 1-4 BK rame, Length: 152 mm, Height: 11.5 Article name	4044211243807 mm, Colour: Black GTIN (EAN) 4044211210816	unit 1 ST Packaging unit
	28880.4 Inner locking f Article number 28505.4	KDSI-SR 1-4 BK rame, Length: 152 mm, Height: 11.5 Article name KDS-IVR 10/24 BK	4044211243807 mm, Colour: Black GTIN (EAN) 4044211210816	unit 1 ST Packaging unit
	28880.4 Inner locking f Article number 28505.4 Inner locking f	KDSI-SR 1-4 BK rame, Length: 152 mm, Height: 11.5 Article name KDS-IVR 10/24 BK rame, Length: 105 mm, Height: 11.5	4044211243807 mm, Colour: Black GTIN (EAN) 4044211210816 mm, Colour: Black	unit 1 ST Packaging unit 10 ST Packaging
	28880.4 Inner locking f Article number 28505.4 Inner locking f Article number 28501.4	KDSI-SR 1-4 BK rame, Length: 152 mm, Height: 11.5 r Article name KDS-IVR 10/24 BK rame, Length: 105 mm, Height: 11.5 r Article name	4044211243807 mm, Colour: Black GTIN (EAN) 4044211210816 mm, Colour: Black GTIN (EAN) 4044211210779	unit 1 ST Packaging unit 10 ST Packaging unit
	28880.4 Inner locking f Article number 28505.4 Inner locking f Article number 28501.4	KDSI-SR 1-4 BK rame, Length: 152 mm, Height: 11.5 Article name KDS-IVR 10/24 BK rame, Length: 105 mm, Height: 11.5 Article name KDS-IVR 6/10 BK	4044211243807 mm, Colour: Black GTIN (EAN) 4044211210816 mm, Colour: Black GTIN (EAN) 4044211210779	unit 1 ST Packaging unit 10 ST Packaging unit



	Cable entry, Inlay, Mounting type: Plug in, IP 66, Colour: Black				
	Article number	Article name	GTIN (EAN)	Packaging unit	
	28517.4	KDS-Inlay 2 BK	4044211210854	5 ST	
	Cable entry, Ir	nlay, Mounting type: Plug in, IP 66, Col	lour: Black		
	Article number	Article name	GTIN (EAN)	Packaging unit	
	28519.4	KDS-Inlay 6 BK	4044211210014	5 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	
	Cable entry se	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 wi IP 66, Colour:	th foamed-in seal, Mounting type: Scre Black	ews, Length: 106 mm	, Width: 70 mm,	
•	Article number	Article name	GTIN (EAN)	Packaging unit	
	28500.4	KDS-SR 6/10 BK	4044211210021	1 ST	
	Cable entry wi 66, Colour: Bla	th TPE seal, Mounting type: Screws, L ack	ength: 153 mm, Widt.	h: 64 mm, IP	
	Article number	Article name	GTIN (EAN)	Packaging unit	
	28883.4	KDSI-SR 10/24 BK	4044211242107	1 ST	
	Cable entry, Ir	nlay, Mounting type: Plug in, IP 66, Col	lour: Black		
	Article number	Article name	GTIN (EAN)	Packaging unit	
	28516.4	KDS-Inlay 1 BK	4044211210847	5 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	4, 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 set	, IP66, Consisting of: 1xKDSI-SR 10/24	4, 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 Colour: Black	n TPE seal, Mounting type: Screws, Le	ngth: 81 mm, Width: 6	4 mm, IP 66,	
Article number	Article name	GTIN (EAN)	Packaging unit	
Article number 28880.4	Article name KDSI-SR 1-4 BK	GTIN (EAN) 4044211243807		
28880.4		4044211243807	unit 1 ST	
28880.4	KDSI-SR 1-4 BK	4044211243807	unit 1 ST	
28880.4 Cable entry set	KDSI-SR 1-4 BK , IP66, Consisting of: 1xKDSI-SR 6/10,	4044211243807 1xKDS-Inlay 2, 1xKD	unit 1 ST S-Inlay 6 Packaging	
28880.4 Cable entry set Article number 28891.4	KDSI-SR 1-4 BK , IP66, Consisting of: 1xKDSI-SR 6/10, Article name KDSI-SET 6/10 BK	4044211243807 1xKDS-Inlay 2, 1xKD GTIN (EAN) 4044211242169	unit 1 ST S-Inlay 6 Packaging unit 1 ST	
28880.4 Cable entry set Article number 28891.4 Cable entry with	KDSI-SR 1-4 BK , IP66, Consisting of: 1xKDSI-SR 6/10, Article name KDSI-SET 6/10 BK	4044211243807 1xKDS-Inlay 2, 1xKD GTIN (EAN) 4044211242169	unit 1 ST S-Inlay 6 Packaging unit 1 ST	
28880.4 Cable entry set Article number 28891.4 Cable entry with 66, Colour: Blac	KDSI-SR 1-4 BK , IP66, Consisting of: 1xKDSI-SR 6/10, Article name KDSI-SET 6/10 BK n TPE seal, Mounting type: Screws, Le	4044211243807 1xKDS-Inlay 2, 1xKD GTIN (EAN) 4044211242169 ength: 106 mm, Width:	unit 1 ST S-Inlay 6 Packaging unit 1 ST 64 mm, IP Packaging	
28880.4 Cable entry set Article number 28891.4 Cable entry with 66, Colour: Black Article number 28881.4	KDSI-SR 1-4 BK , IP66, Consisting of: 1xKDSI-SR 6/10, Article name KDSI-SET 6/10 BK n TPE seal, Mounting type: Screws, Le ck Article name	4044211243807 1xKDS-Inlay 2, 1xKD GTIN (EAN) 4044211242169 ength: 106 mm, Width: GTIN (EAN) 4044211242084	unit 1 ST S-Inlay 6 Packaging unit 1 ST 64 mm, IP Packaging unit 1 ST 1 ST	

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



##INVERSE##CONTA-CABLE

66, Colour: Black		-
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Article number	Article name	GTIN (EAN)	Packaging unit
28881.4	KDSI-SR 6/10 BK	4044211242084	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

	oo, 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: 106 mm, Width: 64 mm, IP 66, Colour: Black



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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: 81 mm, Width: 64 mm, IP 66, Colour: Black

Article number	Article name	GTIN (EAN)	Packaging unit
28880.4	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
28882.4	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	
	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				
000	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	
	-		GTIN (EAN) 4044211242176		
	Article number	Article name	4044211242176	unit 1 ST	
	Article number	Article name KDSI-SET 8/16 BK	4044211242176	unit 1 ST	
	Article number 28892.4 Cable entry set	Article name KDSI-SET 8/16 BK , IP66, Consisting of: 1xKDSI-SR 10/2	4044211242176 24, each 1xKDS-Inlay	unit 1 ST / 2,4,6 Packaging	
	Article number 28892.4 Cable entry set Article number 28893.4	Article name KDSI-SET 8/16 BK IP66, Consisting of: 1xKDSI-SR 10/2 Article name KDSI-SET 10/24 BK h TPE seal, Mounting type: Screws, L	4044211242176 24, each 1xKDS-Inlay GTIN (EAN) 4044211242183	unit 1 ST / 2,4,6 Packaging unit 1 ST	
	Article number 28892.4 Cable entry set Article number 28893.4 Cable entry wit	Article name KDSI-SET 8/16 BK IP66, Consisting of: 1xKDSI-SR 10/2 Article name KDSI-SET 10/24 BK h TPE seal, Mounting type: Screws, L	4044211242176 24, each 1xKDS-Inlay GTIN (EAN) 4044211242183	unit 1 ST / 2,4,6 Packaging unit 1 ST	