



Seal, Mounting type: Plug in, Length x width: 20.3 mm, Max. cable diameter: 11 mm, IP 66, Colour: Black

RAL: 9005

Business data

Article number	28553.4
Article name	KDS-DE/K 2-11 BK
GTIN (EAN)	4044211216092
Packaging unit	10
Quantity unit	PC
Weight per piece (not including packaging)	6.8 g
Weight per piece (including packaging)	7.2 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	42.5 mm
Materials	
Material	TPE
Flammability class UL 94	HB
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.	2 mm
Cable diameter, max.	11 mm
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			
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	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, 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
11	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

CONTACLIP



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 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 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 fr	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 fr	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
	28612.4	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 number Article name		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: 174 mm, IP66, Colour: Black

Article number	Article name	GTIN (EAN)	Packaging unit
28661.4	KDS-FP 3x10/24 BK	4044211220365	1 ST

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

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Article number	Article name	GTIN (EAN)	Packaging unit
28712.4	KDS-SR-FB4/F BK	4044211225599	10 ST



##INVERSE##CONTA-CABLE

	-	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		
	28704.4	KDS-SR-FB3/B BK	4044211225513	10 ST		
	Cable entry wi mm, IP 66, Co	th moulded-in seal, Mounting type: S Iour: Black	Screws, Length: 120 m	m, Width: 39		
	Article number	Article name	GTIN (EAN)	Packaging unit		
	28704.4	KDS-SR-FB3/B BK	4044211225513	10 ST		
	Thread and loo Black	cking adapter, Material: Polyamide P	PA 6.6, glass-fibre reinf	orced, Colour:		
	Article number	Article name	GTIN (EAN)	Packaging unit		
	28772.4	KDS-RGA M25 BK	4044211234522	5 ST		
	Thread and loo Black	cking adapter, Material: Polyamide P	PA 6.6, glass-fibre reinf	orced, Colour:		
	Article number	Article name	GTIN (EAN)	Packaging unit		
	28773.4	KDS-RGA M32 BK	4044211234539	5 ST		
	Cable entry wi mm, IP 66, Co	th moulded-in seal, Mounting type: S lour: Black	Screws, Length: 147 m	m, Width: 39		
••	Article number	Article name	GTIN (EAN)	Packaging unit		
	28710.4	KDS-SR-FB4/D BK	4044211225575	10 ST		
	Thread and loo Black	cking adapter, Material: Polyamide P	PA 6.6, glass-fibre reinf	orced, Colour:		
	Article number	Article name	GTIN (EAN)	Packaging unit		
	28777.4	KDS-RGA M63 BK	4044211234577	5 ST		



28553.4 KD	S-DE/K 2-1	1 BK		
##INVERSE##CO	NTA-CABLE			
	Cable entry, In	lay, Mounting type: Plug in, IP 66, Colo	our: Black	
	Article number	Article name	GTIN (EAN)	Packaging unit
	28517.4	KDS-Inlay 2 BK	4044211210854	5 ST
	Cable entry wit mm, IP 66, Col	th moulded-in seal, Mounting type: Scr lour: Black	ews, Length: 147 mm,	Width: 39
	Article number	Article name	GTIN (EAN)	Packaging unit
	28709.4	KDS-SR-FB4/C BK	4044211225568	10 ST
	Inner locking fr	ame, Length: 105 mm, Height: 11.5 m	m, Colour: Black	
	Article number	Article name	GTIN (EAN)	Packaging unit
	28501.4	KDS-IVR 6/10 BK	4044211210779	10 ST
	Cable entry wit mm, IP 66, Co	th moulded-in seal, Mounting type: Scr lour: Black	ews, Length: 147 mm,	Width: 39
	Article number	Article name	GTIN (EAN)	Packaging unit
	28709.4	KDS-SR-FB4/C BK	4044211225568	10 ST
	Inner locking fr	ame, Length: 152 mm, Height: 11.5 m	m, Colour: Black	
	Article number	Article name	GTIN (EAN)	Packaging unit
	28505.4	KDS-IVR 10/24 BK	4044211210816	10 ST
	Inner locking fr	ame, Length: 152 mm, Height: 11.5 m	m, Colour: Black	
	Article number	Article name	GTIN (EAN)	Packaging unit
	28505.4	KDS-IVR 10/24 BK	4044211210816	10 ST
	Cable entry, In	lay, Mounting type: Plug in, IP 66, Colo	our: Black	
	Article number	Article name	GTIN (EAN)	Packaging unit
	28517.4	KDS-Inlay 2 BK	4044211210854	5 ST



##INVERSE##CONTA-CABLE

1.1	Cable entry, Ir			
	Article number	Article name	GTIN (EAN)	Packaging unit
	28519.4	KDS-Inlay 6 BK	4044211210014	5 ST
11	Cable entry, Ir	nlay, Mounting type: Plug in, IP 66	6, Colour: Black	
	Article number	Article name	GTIN (EAN)	Packaging unit
	28519.4	KDS-Inlay 6 BK	4044211210014	5 ST
	Cable entry se	et, IP66, Consisting of: 1 x KDSI-S	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 wi IP 66, Colour:	th foamed-in seal, Mounting type: Black	: Screws, Length: 81 mm,	Width: 70 mm,
				Packaging
	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
	28506.4	KDS-SR 1-4 BK	4044211210823	unit
	28506.4 Cable entry, Ir	KDS-SR 1-4 BK nlay, Mounting type: Plug in, IP 66	4044211210823	unit 1 ST Packaging
	28506.4 Cable entry, Ir Article number 28519.4	KDS-SR 1-4 BK nlay, Mounting type: Plug in, IP 66 Article name KDS-Inlay 6 BK th TPE seal, Mounting type: Scre	4044211210823 5, Colour: Black GTIN (EAN) 4044211210014	unit 1 ST Packaging unit 5 ST
	28506.4 Cable entry, Ir Article number 28519.4 Cable entry wi	KDS-SR 1-4 BK nlay, Mounting type: Plug in, IP 66 Article name KDS-Inlay 6 BK th TPE seal, Mounting type: Scre	4044211210823 5, Colour: Black GTIN (EAN) 4044211210014	unit 1 ST Packaging unit 5 ST
	28506.4 Cable entry, Ir Article number 28519.4 Cable entry wi 66, Colour: Bla	KDS-SR 1-4 BK nlay, Mounting type: Plug in, IP 66 Article name KDS-Inlay 6 BK th TPE seal, Mounting type: Scre	4044211210823 5, Colour: Black GTIN (EAN) 4044211210014 ws, Length: 126 mm, Wid	unit 1 ST Packaging unit 5 ST th: 64 mm, IP Packaging
	28506.4 Cable entry, Ir Article number 28519.4 Cable entry wi 66, Colour: Bla Article number 28882.4	KDS-SR 1-4 BK Anlay, Mounting type: Plug in, IP 66 Article name KDS-Inlay 6 BK th TPE seal, Mounting type: Screack Article name KDSI-SR 8/16 BK th TPE seal, Mounting type: Scre	4044211210823 5, Colour: Black GTIN (EAN) 4044211210014 ws, Length: 126 mm, Wid GTIN (EAN) 4044211242091	unit 1 ST Packaging unit 5 ST th: 64 mm, IP Packaging unit 1 ST
	28506.4 Cable entry, Ir Article number 28519.4 Cable entry wi 66, Colour: Bla Article number 28882.4 Cable entry wi	KDS-SR 1-4 BK Anlay, Mounting type: Plug in, IP 66 Article name KDS-Inlay 6 BK th TPE seal, Mounting type: Screack Article name KDSI-SR 8/16 BK th TPE seal, Mounting type: Scre	4044211210823 5, Colour: Black GTIN (EAN) 4044211210014 ws, Length: 126 mm, Wid GTIN (EAN) 4044211242091	unit 1 ST Packaging unit 5 ST th: 64 mm, IP Packaging unit 1 ST



##INVERSE##CONTA-CABLE

	Article number	Article name	GTIN (EAN)	Packaging
	Cable entry se	t, IP66, Consisting of: 1 x KDSI-SR 1	-4 BK, 1 x KDS-Inlay	4 BK
	28502.4	KDS-SR 8/16 BK	4044211210786	1 ST
••	Article number	Article name	GTIN (EAN)	Packaging unit
• • •	Cable entry wi IP 66, Colour:	th foamed-in seal, Mounting type: Sci Black	rews, Length: 126 mm	ı, Width: 70 mm,
	28881.4	KDSI-SR 6/10 BK	4044211242084	1 ST
	Article number	Article name	GTIN (EAN)	Packaging unit
	Cable entry wi 66, Colour: Bla	th TPE seal, Mounting type: Screws, ack	Length: 106 mm, Wid	th: 64 mm, IP
	28893.4	KDSI-SET 10/24 BK	4044211242183	1 ST
	Article number	Article name	GTIN (EAN)	Packaging unit
	Cable entry se	t, IP66, Consisting of: 1xKDSI-SR 10	/24, each 1xKDS-Inla	y 2,4,6
	28893.4	KDSI-SET 10/24 BK	4044211242183	1 ST
	Article number	Article name	GTIN (EAN)	Packaging unit
	Cable entry se	t, IP66, Consisting of: 1xKDSI-SR 10	/24, each 1xKDS-Inla	y 2,4,6
	28891.4	KDSI-SET 6/10 BK	4044211242169	1 ST
	Article number	Article name	GTIN (EAN)	Packaging unit
	Cable entry se	t, IP66, Consisting of: 1xKDSI-SR 6/1	10, 1xKDS-Inlay 2, 1xl	KDS-Inlay 6
	28891.4	KDSI-SET 6/10 BK	4044211242169	1 ST
	Article number	Article name	GTIN (EAN)	Packaging unit
	Cable entry se	t, IP66, Consisting of: 1xKDSI-SR 6/1	10, 1xKDS-Inlay 2, 1xl	KDS-Inlay 6

Article number	Article name	GTIN (EAN)	Packaging unit
28890.4	KDSI-SET 1-4 BK	4044211242152	1 ST



##INVERSE##CONTA-CABLE

Cable entry se	et, IP66, Consisting of: 1xKDSI-SR 8/	-	
Article number	Article name	GTIN (EAN)	Packaging unit
28892.4	KDSI-SET 8/16 BK	4044211242176	1 ST
Cable entry se	et, IP66, Consisting of: 1xKDSI-SR 10	0/24, each 1xKDS-Inla	y 2,4,6
Article number	Article name	GTIN (EAN)	Packaging unit
28893.4	KDSI-SET 10/24 BK	4044211242183	1 ST
Cable entry se	et, IP66, Consisting of: 1 x KDS-SR 8	/16, 1 x KDS-Inlay 1, 2	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 wi	ith TPE seal, Mounting type: Screws,	Length: 106 mm, Wid	th: 64 mm, IP
	• • • •	Length: 106 mm, Wid GTIN (EAN)	
Cable entry wi 66, Colour: Bla	ack	-	Packaging
Cable entry wi 66, Colour: Bla Article number 28881.4	ack Article name	GTIN (EAN) 4044211242084	Packaging unit 1 ST
Cable entry wi 66, Colour: Bla Article number 28881.4 Cable entry wi	Article name KDSI-SR 6/10 BK ith TPE seal, Mounting type: Screws,	GTIN (EAN) 4044211242084	Packaging unit 1 ST
Cable entry wi 66, Colour: Bla Article number 28881.4 Cable entry wi Colour: Black	Article name KDSI-SR 6/10 BK ith TPE seal, Mounting type: Screws,	GTIN (EAN) 4044211242084 Length: 81 mm, Width	Packaging unit 1 ST n: 64 mm, IP 6 Packaging
Cable entry wi 66, Colour: Bla Article number 28881.4 Cable entry wi Colour: Black Article number 28880.4	Article name KDSI-SR 6/10 BK ith TPE seal, Mounting type: Screws, Article name KDSI-SR 1-4 BK ith TPE seal, Mounting type: Screws,	GTIN (EAN) 4044211242084 Length: 81 mm, Width GTIN (EAN) 4044211243807	Packaging unit 1 ST n: 64 mm, IP 6 Packaging unit 1 ST
Cable entry wi 66, Colour: Bla Article number 28881.4 Cable entry wi Colour: Black Article number 28880.4 Cable entry wi	Article name KDSI-SR 6/10 BK ith TPE seal, Mounting type: Screws, Article name KDSI-SR 1-4 BK ith TPE seal, Mounting type: Screws,	GTIN (EAN) 4044211242084 Length: 81 mm, Width GTIN (EAN) 4044211243807	Packaging unit 1 ST n: 64 mm, IP 6 Packaging unit 1 ST



##INVERSE##CONTA-CABLE

Cable entry wi Colour: Black	th TPE seal, Mounting type: Screws	s, Length: 153 mm, Wid	th: 64 mm, IP6
Article number	Article name	GTIN (EAN)	Packaging unit
28883.4	KDSI-SR 10/24 BK	4044211242107	1 ST
Cable entry se	t, 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 se	t, IP66, Consisting of: 1xKDSI-SR 6	6/10, 1xKDS-Inlay 2, 1xl	KDS-Inlay 6
Article number	Article name	GTIN (EAN)	Packaging unit
28891.4	KDSI-SET 6/10 BK	4044211242169	1 ST
Cable entry se	t, IP66, Consisting of: 1xKDSI-SR 8	3/16, 2xKDS-Inlay 4	
Article number	Article name	GTIN (EAN)	Packaging unit
28892.4	KDSI-SET 8/16 BK	4044211242176	1 ST
Cable entry se	t, IP66, Consisting of: 1xKDSI-SR 1	10/24, each 1xKDS-Inla	y 2,4,6
Article number	Article name	GTIN (EAN)	Packaging unit
28893.4	KDSI-SET 10/24 BK	4044211242183	1 ST
Cable entry wi 66, Colour: Bla	th TPE seal, Mounting type: Screws ack	s, Length: 106 mm, Wid	th: 64 mm, IP
			Packaging
Article number	Article name	GTIN (EAN)	unit