



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	28530.4
Article name	KDS-DE 10-11 BK
GTIN (EAN)	4044211210960
Packaging unit	10
Quantity unit	PC
Weight per piece (not including packaging)	5 g
Weight per piece (including packaging)	5.4 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	\checkmark
Silicone-free	\checkmark
UV-resistant	\checkmark
Further technical data	
Mounting type	Plug in
Degree of protection	IP66
Strain relief	\checkmark
Cable diameter, min.	10 mm
Cable diameter, max.	11 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	lay, Mounting type: Plug in, IP 66, Colou	ır: 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
I	28518.4	KDS-Inlay 4 BK	4044211210861	5 ST
	Cable entry, In	lay, Mounting type: Plug in, IP 66, Colou	ır: 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: Scree 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 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 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
28712.4	KDS-SR-FB4/F BK	4044211225599	10 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

Creation date 10.11.2023 17:00:22



	Article number	Article name	GTIN (EAN)	Packaging unit
	28770.4	KDS-R 20-32 BK	4044211234508	5 ST
	Thread and loo Black	cking adapter, Material: Polyami	de PA 6.6, glass-fibre reinf	orced, Colour:
V	Article number	Article name	GTIN (EAN)	Packaging unit
	28771.4	KDS-RGA M20 BK	4044211234515	5 ST
	Cable entry wi mm, IP 66, Co	th moulded-in seal, Mounting ty lour: Black	pe: Screws, Length: 147 m	
		Article name	GTIN (EAN)	Packaging
	Article number	Article fiame		unit
	28710.4	KDS-SR-FB4/D BK	4044211225575	unit 10 ST
	28710.4		4044211225575	10 ST PE, Colour: Bla
0	28710.4	KDS-SR-FB4/D BK	4044211225575	10 ST PE, Colour: Bla
Ø	28710.4 Round cable e	KDS-SR-FB4/D BK entry, Material: polyamide PA 6.6	4044211225575 6, glass-fibre reinforced TF	10 ST PE, Colour: Bla Packaging
	28710.4 Round cable e Article number 28774.4	KDS-SR-FB4/D BK entry, Material: polyamide PA 6.6 Article name	4044211225575 6, glass-fibre reinforced TF GTIN (EAN) 4044211234546	10 ST PE, Colour: Bl Packaging unit 5 ST
0 0	28710.4 Round cable e Article number 28774.4 Thread and loc	KDS-SR-FB4/D BK entry, Material: polyamide PA 6.6 Article name KDS-R 40-63 BK	4044211225575 6, glass-fibre reinforced TF GTIN (EAN) 4044211234546	10 ST PE, Colour: Bla Packaging unit 5 ST orced, Colour:
0	28710.4 Round cable e Article number 28774.4 Thread and loo Black	KDS-SR-FB4/D BK entry, Material: polyamide PA 6.6 Article name KDS-R 40-63 BK cking adapter, Material: Polyami	4044211225575 6, glass-fibre reinforced TF GTIN (EAN) 4044211234546 de PA 6.6, glass-fibre reinf	10 ST PE, Colour: Bla Packaging unit 5 ST orced, Colour: Packaging
	28710.4 Round cable e Article number 28774.4 Thread and loo Black Article number 28777.4	KDS-SR-FB4/D BK entry, Material: polyamide PA 6.6 Article name KDS-R 40-63 BK cking adapter, Material: Polyami Article name	4044211225575 6, glass-fibre reinforced TF GTIN (EAN) 4044211234546 de PA 6.6, glass-fibre reinf GTIN (EAN) 4044211234577	10 ST PE, Colour: Bla Packaging unit 5 ST orced, Colour: Packaging unit
	28710.4 Round cable e Article number 28774.4 Thread and loo Black Article number 28777.4	KDS-SR-FB4/D BK entry, Material: polyamide PA 6.6 Article name KDS-R 40-63 BK cking adapter, Material: Polyami Article name KDS-RGA M63 BK	4044211225575 6, glass-fibre reinforced TF GTIN (EAN) 4044211234546 de PA 6.6, glass-fibre reinf GTIN (EAN) 4044211234577	10 ST PE, Colour: Bla Packaging unit 5 ST orced, Colour: Packaging unit



Cable entry wi mm, IP 66, Co	th 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, In	llay, Mounting type: Plug in, IP 66, Co	blour: Black	
Article number	Article name	GTIN (EAN)	Packaging unit
 28519.4	KDS-Inlay 6 BK	4044211210014	5 ST
 Cable entry wi mm, IP 66, Co	th moulded-in seal, Mounting type: S lour: Black	crews, Length: 147 m	m, Width: 39
Article number	Article name	GTIN (EAN)	Packaging unit
28708.4	KDS-SR-FB4/B BK	4044211225551	10 ST
Inner locking f	rame, Length: 125 mm, Height: 11.5	mm, Colour: Black	
Article number	Article name	GTIN (EAN)	Packaging unit
			um
28503.4	KDS-IVR 8/16 BK	4044211210793	10 ST
 	KDS-IVR 8/16 BK Ilay, Mounting type: Plug in, IP 66, Co		
 	lay, Mounting type: Plug in, IP 66, Co		
Cable entry, In	lay, Mounting type: Plug in, IP 66, Co	blour: Black	10 ST Packaging
Cable entry, In Article number 28519.4	Ilay, Mounting type: Plug in, IP 66, Co Article name	olour: Black GTIN (EAN) 4044211210014	10 ST Packaging unit
Cable entry, In Article number 28519.4	Ilay, Mounting type: Plug in, IP 66, Co Article name KDS-Inlay 6 BK	olour: Black GTIN (EAN) 4044211210014	10 ST Packaging unit
Cable entry, In Article number 28519.4 Cable entry, In	Ilay, Mounting type: Plug in, IP 66, Co Article name KDS-Inlay 6 BK Ilay, Mounting type: Plug in, IP 66, Co	olour: Black GTIN (EAN) 4044211210014 Dlour: Black	10 ST Packaging unit 5 ST Packaging
Cable entry, In Article number 28519.4 Cable entry, In Article number 28516.4	Ilay, Mounting type: Plug in, IP 66, Co Article name KDS-Inlay 6 BK Ilay, Mounting type: Plug in, IP 66, Co Article name	Dolour: Black GTIN (EAN) 4044211210014 Dolour: Black GTIN (EAN) 4044211210847	10 ST Packaging unit 5 ST Packaging unit
Cable entry, In Article number 28519.4 Cable entry, In Article number 28516.4	Ilay, Mounting type: Plug in, IP 66, Co Article name KDS-Inlay 6 BK Ilay, Mounting type: Plug in, IP 66, Co Article name KDS-Inlay 1 BK	Dolour: Black GTIN (EAN) 4044211210014 Dolour: Black GTIN (EAN) 4044211210847	10 ST Packaging unit 5 ST Packaging unit



1.1	Cable entry, Ir	hlay, Mounting type: Plug in, IP	66, Colour: Black	
┿┿	Article number	Article name	GTIN (EAN)	Packaging unit
	28519.4	KDS-Inlay 6 BK	4044211210014	5 ST
0	Cable entry, Ir	nlay, 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 wi Colour: Black	th TPE seal, Mounting type: Se	crews, Length: 81 mm, Width	n: 64 mm, IP 6
	Article number	Article name	GTIN (EAN)	Packaging unit
	28880.4 Cable entry wi	KDSI-SR 1-4 BK ith TPE seal, Mounting type: Se	4044211243807 crews, Length: 106 mm, Wid	1 ST th: 64 mm, IP
		th TPE seal, Mounting type: S		th: 64 mm, IP Packaging
	Cable entry wi 66, Colour: Bla	ith TPE seal, Mounting type: Seack	crews, Length: 106 mm, Wid	
	Cable entry wi 66, Colour: Bla Article number 28881.4	ith TPE seal, Mounting type: Seack Article name KDSI-SR 6/10 BK	crews, Length: 106 mm, Wid GTIN (EAN) 4044211242084	th: 64 mm, IP Packaging unit 1 ST I, Width: 70 m
	Cable entry wi 66, Colour: Bla Article number 28881.4 Cable entry wi IP 66, Colour:	ith TPE seal, Mounting type: Seack Article name KDSI-SR 6/10 BK ith foamed-in seal, Mounting ty Black	crews, Length: 106 mm, Wid GTIN (EAN) 4044211242084 pe: Screws, Length: 106 mm	th: 64 mm, IP Packaging unit 1 ST I, Width: 70 m Packaging
	Cable entry wi 66, Colour: Bla Article number 28881.4 Cable entry wi IP 66, Colour: Article number 28500.4	ith TPE seal, Mounting type: Seack Article name KDSI-SR 6/10 BK Ith foamed-in seal, Mounting ty Black Article name	crews, Length: 106 mm, Wid GTIN (EAN) 4044211242084 pe: Screws, Length: 106 mm GTIN (EAN) 4044211210021	th: 64 mm, IP Packaging unit 1 ST I, Width: 70 m Packaging unit 1 ST



	Article number	Article name	GTIN (EAN)	Packaging unit
	28517.4	KDS-Inlay 2 BK	4044211210854	5 ST
	Cable entry wi	th TPE seal, Mounting type: Scr	ews, Length: 153 mm, Wid	th: 64 mm, IP
	66, Colour: Bla	ack		
	Article number	Article name	GTIN (EAN)	Packaging unit
	28883.4	KDSI-SR 10/24 BK	4044211242107	1 ST
	Cable entry se	et, IP66, Consisting of: 1xKDSI-S	SR 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 se	et, IP66, Consisting of: 1 x KDS-	SR 10/24, 1 each of KDS-Iı	-
••••••	Article number	Article name	GTIN (EAN)	Packaging unit
	28605.4	KDS-Set 10/24 BK	4044211216214	1 ST
	Cable entry wi 66, Colour: Bla	th TPE seal, Mounting type: Scr ack	ews, Length: 153 mm, Wid	th: 64 mm, IP
		0.01	ews, Length: 153 mm, Wid GTIN (EAN)	
	66, Colour: Bla	ack		Packaging
	66, Colour: Bla Article number 28883.4	Article name	GTIN (EAN) 4044211242107	Packaging unit 1 ST
	66, Colour: Bla Article number 28883.4	Article name KDSI-SR 10/24 BK	GTIN (EAN) 4044211242107	Packaging unit 1 ST 4 BK
	66, Colour: Bla Article number 28883.4 Cable entry se	Article name KDSI-SR 10/24 BK et, IP66, Consisting of: 1 x KDSI-	GTIN (EAN) 4044211242107 SR 1-4 BK, 1 x KDS-Inlay	Packaging unit 1 ST 4 BK Packaging
	66, Colour: Bla Article number 28883.4 Cable entry se Article number 28890.4	Article name KDSI-SR 10/24 BK et, IP66, Consisting of: 1 x KDSI- Article name KDSI-SET 1-4 BK th TPE seal, Mounting type: Scr	GTIN (EAN) 4044211242107 SR 1-4 BK, 1 x KDS-Inlay GTIN (EAN) 4044211242152	Packaging unit 1 ST 4 BK Packaging unit 1 ST
	66, Colour: Bla Article number 28883.4 Cable entry se Article number 28890.4 Cable entry wi	Article name KDSI-SR 10/24 BK et, IP66, Consisting of: 1 x KDSI- Article name KDSI-SET 1-4 BK th TPE seal, Mounting type: Scr	GTIN (EAN) 4044211242107 SR 1-4 BK, 1 x KDS-Inlay GTIN (EAN) 4044211242152	Packaging unit 1 ST 4 BK Packaging unit 1 ST



	Cable entry set	, IP66, Consisting of: 1 x KDS-SR 1-4	BK, 1 x KDS-Inlay 4 B	ĸ	
	Article number	Article name	GTIN (EAN)	Packaging unit	
	28602.4	KDS-Set 1-4 BK	4044211216184	1 ST	
	Cable entry set	, IP66, Consisting of: 1xKDSI-SR 6/10	, 1xKDS-Inlay 2, 1xKD	S-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 10/24	4, each 1xKDS-Inlay 2	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: 1 x KDS-SR 10/2	24, 1 each of KDS-Inla	y 2,4,6	
	Article number	Article name	GTIN (EAN)	Packaging unit	
	28605.4	KDS-Set 10/24 BK	4044211216214	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	
and the second	Cable entry wit 66, Colour: Bla	h TPE seal, Mounting type: Screws, Le ck	ength: 126 mm, Width:	64 mm, IP	
	Article number	Article name	GTIN (EAN)	Packaging unit	
	28882.4	KDSI-SR 8/16 BK	4044211242091	1 ST	
	Cable entry wit 66, Colour: Bla	h TPE seal, Mounting type: Screws, Le ck	ength: 153 mm, Width:	64 mm, IP	
	Article number	Article name	GTIN (EAN)	Packaging unit	
	28883.4	KDSI-SR 10/24 BK	4044211242107	1 ST	



##INVERSE##CONTA-CABLE

Cable entry se	t, IP66, Consisting of: 1 x KDSI-SR	R 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	6/10, 1xKDS-Inlay 2, 1x	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	8/16, 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	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: Screw ack	s, Length: 106 mm, Wid	lth: 64 mm, IP
Article number	Article name	GTIN (EAN)	Packaging unit
28881.4	KDSI-SR 6/10 BK	4044211242084	1 ST