



Seal, Mounting type: Plug in, Length x width: 42.8 mm, Max. cable diameter: 22 mm, IP 66, Colour: Black

RAL: 9005

Business data

Article number	<u>28542.4</u>
Article name	KDS-DEG 21-22 BK
GTIN (EAN)	4044211215392
Packaging unit	10
Quantity unit	PC
Weight per piece (not including packaging)	26.3 g
Weight per piece (including packaging)	26.7 g
Unit of weight	G
Customs number	39259020
Country of origin	DE
Product description	Sealing Element
Colour	Black



Technical data

Dimensions	
Length	42.8 mm
Width	42.8 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.	21 mm
Cable diameter, max.	22 mm
NEMA Туре	1, 12, 4x (indoor use only)
Number of wires	1
Environmental Product Compliance	
REACH Conform	yes
REACH Reference date	2023-01-17
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, In	lay, Mounting type: Plug in, IP 6	6, 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 6	6, Colour: Black	
	Article number	Article name	GTIN (EAN)	Packaging unit
	28517.4	KDS-Inlay 2 BK	4044211210854	5 ST
	Cable entry, In	lay, Mounting type: Plug in, IP 6	6, 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 6	6, Colour: 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 numbe	r 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 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

kaging
ST
kaging
ST
kaging
ST
kaging
ST

##INVERSE##CONTA-CABLE



	Split cable gla IP 66, Colour:	nd including counter nut, Thread Black	d type: metric, Material: PA	6.6, Protection:
27	Article number	Article name	GTIN (EAN)	Packaging unit
	28613.4	KDS-KV M40 BK	4044211208967	5 ST
	-	nge plate with foamed-in frame 4 mm, IP66, Colour: Black	gasket, Mounting type: Scr	ew, Length: 16
•	Article number	Article name	GTIN (EAN)	Packaging unit
• • •	28661.4	KDS-FP 3x10/24 BK	4044211220365	1 ST
	Split cable gla IP 66, Colour:	nd including counter nut, Thread Black	d type: metric, Material: PA	6.6, Protection:
い	Article number	Article name	GTIN (EAN)	Packaging unit
	28615.4	KDS-KV M63 BK	4044211208981	5 ST
	Cable entry, Ir	lay, Mounting type: Plug in, IP 6	66, Colour: Black	
······································				
	Article number	Article name	GTIN (EAN)	Packaging unit
	Article number 28516.4	Article name KDS-Inlay 1 BK	GTIN (EAN) 4044211210847	
	28516.4 Cable entry fla		4044211210847	unit 5 ST
	28516.4 Cable entry fla	KDS-Inlay 1 BK	4044211210847	unit 5 ST
	28516.4 Cable entry fla mm, Width: 17	KDS-Inlay 1 BK inge plate with foamed-in frame 4 mm, IP66, Colour: Black	4044211210847 gasket, Mounting type: Scr	unit 5 ST ew, Length: 16 Packaging
	28516.4 Cable entry fla mm, Width: 17 Article number 28661.4	KDS-Inlay 1 BK inge plate with foamed-in frame 4 mm, IP66, Colour: Black Article name	4044211210847 gasket, Mounting type: Scr GTIN (EAN) 4044211220365	unit 5 ST ew, Length: 16 Packaging unit 1 ST
	28516.4 Cable entry fla mm, Width: 17 Article number 28661.4 Thread and log	KDS-Inlay 1 BK inge plate with foamed-in frame 4 mm, IP66, Colour: Black Article name KDS-FP 3x10/24 BK	4044211210847 gasket, Mounting type: Scr GTIN (EAN) 4044211220365	unit 5 ST ew, Length: 168 Packaging unit 1 ST
	28516.4 Cable entry fla mm, Width: 17 Article number 28661.4 Thread and loo Black	KDS-Inlay 1 BK ange plate with foamed-in frame 4 mm, IP66, Colour: Black Article name KDS-FP 3x10/24 BK cking adapter, Material: Polyam	4044211210847 gasket, Mounting type: Scr GTIN (EAN) 4044211220365 ide PA 6.6, glass-fibre reinfo	unit 5 ST ew, Length: 164 Packaging unit 1 ST orced, Colour: Packaging
	28516.4 Cable entry fla mm, Width: 17 Article number 28661.4 Thread and loo Black Article number 28776.4	KDS-Inlay 1 BK ange plate with foamed-in frame 4 mm, IP66, Colour: Black Article name KDS-FP 3x10/24 BK cking adapter, Material: Polyam Article name	4044211210847 gasket, Mounting type: Scr GTIN (EAN) 4044211220365 ide PA 6.6, glass-fibre reinfo GTIN (EAN) 4044211234560	unit 5 ST ew, Length: 16 Packaging unit 1 ST orced, Colour: Packaging unit 5 ST
	28516.4 Cable entry fla mm, Width: 17 Article number 28661.4 Thread and loo Black Article number 28776.4	KDS-Inlay 1 BK ange plate with foamed-in frame 4 mm, IP66, Colour: Black Article name KDS-FP 3x10/24 BK cking adapter, Material: Polyam Article name KDS-RGA M50 BK	4044211210847 gasket, Mounting type: Scr GTIN (EAN) 4044211220365 ide PA 6.6, glass-fibre reinfo GTIN (EAN) 4044211234560	unit 5 ST ew, Length: 163 Packaging unit 1 ST orced, Colour: Packaging unit 5 ST



	IP 66, Colour:	Black		
	Article number	Article name	GTIN (EAN)	Packaging unit
	28500.4	KDS-SR 6/10 BK	4044211210021	1 ST
	Cable entry wi Colour: Black	th TPE seal, Mounting type: Scr	rews, Length: 81 mm, Width	n: 64 mm, IP 6
	Article number	Article name	GTIN (EAN)	Packaging unit
	28880.4	KDSI-SR 1-4 BK	4044211243807	1 ST
	Cable entry wi Colour: Black	th TPE seal, Mounting type: Scr	rews, Length: 81 mm, Width	n: 64 mm, IP 6
	Article number	Article name	GTIN (EAN)	Packaging unit
	28880.4	KDSI-SR 1-4 BK	4044211243807	1 ST
	Inner locking f	rame, 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 wi Colour: Black	th TPE seal, Mounting type: Scr	ews, Length: 81 mm, Width	n: 64 mm, IP 6
		th TPE seal, Mounting type: Scr Article name	ews, Length: 81 mm, Width GTIN (EAN)	n: 64 mm, IP 66 Packaging unit
	Colour: Black			Packaging
• • •	Colour: Black Article number 28880.4	Article name KDSI-SR 1-4 BK th foamed-in seal, Mounting type	GTIN (EAN) 4044211243807	Packaging unit 1 ST
	Colour: Black Article number 28880.4 Cable entry wi	Article name KDSI-SR 1-4 BK th foamed-in seal, Mounting type	GTIN (EAN) 4044211243807	Packaging unit 1 ST
	Colour: Black Article number 28880.4 Cable entry wi IP 66, Colour:	Article name KDSI-SR 1-4 BK th foamed-in seal, Mounting type Black	GTIN (EAN) 4044211243807 e: Screws, Length: 81 mm,	Packaging unit 1 ST Width: 70 mm Packaging
	Colour: Black Article number 28880.4 Cable entry wi IP 66, Colour: Article number 28506.4	Article name KDSI-SR 1-4 BK th foamed-in seal, Mounting type Black Article name	GTIN (EAN) 4044211243807 e: Screws, Length: 81 mm, GTIN (EAN) 4044211210823	Packaging unit 1 ST Width: 70 mm Packaging unit
	Colour: Black Article number 28880.4 Cable entry wi IP 66, Colour: Article number 28506.4	Article name KDSI-SR 1-4 BK th foamed-in seal, Mounting type Black Article name KDS-SR 1-4 BK	GTIN (EAN) 4044211243807 e: Screws, Length: 81 mm, GTIN (EAN) 4044211210823	Packaging unit 1 ST Width: 70 mm Packaging unit



	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
0	Cable entry, In	lay, Mounting type: Plug in, IP 66, C	Colour: Black	
	Article number	Article name	GTIN (EAN)	Packaging unit
Ŧ	28518.4	KDS-Inlay 4 BK	4044211210861	5 ST
	Cable entry wi IP 66, Colour: Article number	th foamed-in seal, Mounting type: So Black Article name	crews, Length: 153 mm GTIN (EAN)	Packaging
	28504.4	KDS-SR 10/24 BK	4044211210809	unit 1 ST
	Cable entry se	t, IP66, Consisting of: 1xKDSI-SR 1	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
	-	th TPE seal, Mounting type: Screws	, Length: 81 mm, Width	n: 64 mm. IP 6
	Colour: Black			
	Colour: Black Article number	Article name	GTIN (EAN)	Packaging unit
		Article name KDSI-SR 1-4 BK	GTIN (EAN) 4044211243807	Packaging
	Article number 28880.4	KDSI-SR 1-4 BK th TPE seal, Mounting type: Screws	4044211243807	Packaging unit 1 ST
	Article number 28880.4 Cable entry wi	KDSI-SR 1-4 BK th TPE seal, Mounting type: Screws	4044211243807	Packaging unit 1 ST
	Article number 28880.4 Cable entry wi 66, Colour: Bla	KDSI-SR 1-4 BK th TPE seal, Mounting type: Screws ack	4044211243807 , Length: 126 mm, Wid	Packaging unit 1 ST th: 64 mm, IP Packaging
	Article number 28880.4 Cable entry wi 66, Colour: Bla Article number 28882.4	KDSI-SR 1-4 BK th TPE seal, Mounting type: Screws ack Article name KDSI-SR 8/16 BK th TPE seal, Mounting type: Screws	4044211243807 , Length: 126 mm, Wid GTIN (EAN) 4044211242091	Packaging unit 1 ST th: 64 mm, IP Packaging unit 1 ST

28883.4

KDSI-SR 10/24 BK

4044211242107

1 ST



	Article number	Article name	GTIN (EAN)	Packaging unit	
	28602.4	KDS-Set 1-4 BK	4044211216184	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: 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	
	Cable entry set, IP66, Consisting of: 1 x KDS-SR 10/24, 1 each of KDS-Inlay 2,4,6				
<u> </u>	Article number	Article name	GTIN (EAN)	Packaging unit	
	28605.4	KDS-Set 10/24 BK	4044211216214	1 ST	
		KDS-Set 10/24 BK th TPE seal, Mounting type: Screws			
	Cable entry wi				
	Cable entry wi Colour: Black	th TPE seal, Mounting type: Screws	s, Length: 81 mm, Width	n: 64 mm, IP 60 Packaging	
	Cable entry wi Colour: Black Article number 28880.4	th TPE seal, Mounting type: Screws Article name KDSI-SR 1-4 BK th TPE seal, Mounting type: Screws	s, Length: 81 mm, Width GTIN (EAN) 4044211243807	n: 64 mm, IP 6 Packaging unit 1 ST	
	Cable entry wi Colour: Black Article number 28880.4 Cable entry wi	th TPE seal, Mounting type: Screws Article name KDSI-SR 1-4 BK th TPE seal, Mounting type: Screws	s, Length: 81 mm, Width GTIN (EAN) 4044211243807	n: 64 mm, IP 60 Packaging unit 1 ST	
	Cable entry wi Colour: Black Article number 28880.4 Cable entry wi 66, Colour: Bla	th TPE seal, Mounting type: Screws Article name KDSI-SR 1-4 BK th TPE seal, Mounting type: Screws ack	s, Length: 81 mm, Width GTIN (EAN) 4044211243807 s, Length: 126 mm, Wid	n: 64 mm, IP 60 Packaging unit 1 ST th: 64 mm, IP Packaging	
	Cable entry wi Colour: Black Article number 28880.4 Cable entry wi 66, Colour: Bla Article number 28882.4	th TPE seal, Mounting type: Screws Article name KDSI-SR 1-4 BK th TPE seal, Mounting type: Screws ack Article name KDSI-SR 8/16 BK th TPE seal, Mounting type: Screws	s, Length: 81 mm, Width GTIN (EAN) 4044211243807 s, Length: 126 mm, Wid GTIN (EAN) 4044211242091	n: 64 mm, IP 60 Packaging unit 1 ST th: 64 mm, IP Packaging unit 1 ST	
	Cable entry wi Colour: Black Article number 28880.4 Cable entry wi 66, Colour: Bla Article number 28882.4 Cable entry wi	th TPE seal, Mounting type: Screws Article name KDSI-SR 1-4 BK th TPE seal, Mounting type: Screws ack Article name KDSI-SR 8/16 BK th TPE seal, Mounting type: Screws	s, Length: 81 mm, Width GTIN (EAN) 4044211243807 s, Length: 126 mm, Wid GTIN (EAN) 4044211242091	n: 64 mm, IP 60 Packaging unit 1 ST th: 64 mm, IP Packaging unit 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					
	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		
	28892.4	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		
	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					
	Article number	Article name	GTIN (EAN)	Packaging unit		
	<u>28881.4</u>	KDSI-SR 6/10 BK	4044211242084	1 ST		