



Seal, Mounting type: Plug in, Length x width: 20.3 mm, Max. cable diameter: 14 mm, IP 66, Colour: Black

RAL: 9005

Business data

28533.4
KDS-DE 13-14 BK
4044211210991
10
PC
5 g
5.4 g
G
39259020
DE
Sealing Element
Black



Technical data

20.3 mm
20.3 mm
17.7 mm
TPE
НВ
-40 °C
120 °C
\checkmark
\checkmark
\checkmark
Plug in
IP66
\checkmark
13 mm
14 mm
1, 12, 4x (indoor use only)
1
yes
2023-06-14
No
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	r: Black	
	Article number	Article name	GTIN (EAN)	Packaging unit
	28517.4	KDS-Inlay 2 BK	4044211210854	5 ST
C	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,	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 fra	ame, Length: 80 mm, Height: 11.5 mm, C	Colour: Black	
	Article number	Article name	GTIN (EAN)	Packaging unit
	28507.4	KDS-IVR 1-4 BK	4044211210830	10 ST

Inner locking fr	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 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
28610.4	KDS-KV M20 BK	4044211208936	10 ST

Cable entry with moulded-in seal, Mounting type: Screws, Length: 98 mm, Width: 39 mm, IP 66, Colour: Black

Article number	Article name	GTIN (EAN)	Packaging unit
28702.4	KDS-SR-FB2/B BK	4044211225490	10 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

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	Cable entry wit IP 66, Colour:	th moulded-in seal, Mounting type: Scr Black	ews, Length: 98 mm,	Width: 39 mm,
	Article number	Article name	GTIN (EAN)	Packaging unit
	28702.4	KDS-SR-FB2/B BK	4044211225490	10 ST
	Cable entry wit IP 66, Colour:	th moulded-in seal, Mounting type: Scr Black	ews, Length: 98 mm,	Width: 39 mm,
	Article number	Article name	GTIN (EAN)	Packaging unit
	28702.4	KDS-SR-FB2/B BK	4044211225490	10 ST
	Round cable e	ntry, Material: polyamide PA 6.6, glass	s-fibre reinforced TPI	E, Colour: Black
	Article number	Article name	GTIN (EAN)	Packaging unit
	28774.4	KDS-R 40-63 BK	4044211234546	5 ST
\mathbf{C}	Thread and loc Black	cking adapter, Material: Polyamide PA	6.6, glass-fibre reinfo	rced, Colour:
	Article number	Article name	GTIN (EAN)	Packaging unit
	28777.4	KDS-RGA M63 BK	4044211234577	5 ST
	Cable entry, In	lay, Mounting type: Plug in, IP 66, Cold	our: Black	
	Article number	Article name	GTIN (EAN)	Packaging unit
	28517.4	KDS-Inlay 2 BK	4044211210854	5 ST
S	Thread and loc Black	cking adapter, Material: Polyamide PA	6.6, glass-fibre reinfo	rced, Colour:
	Article number	Article name	GTIN (EAN)	Packaging unit
	28773.4	KDS-RGA M32 BK	4044211234539	5 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		
	-	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 wi IP 66, Colour:	th foamed-in seal, Mounting type: Scr Black	ews, Length: 106 mm	ı, Width: 70 mn		
	Article number	Article name	GTIN (EAN)	Packaging unit		
	28500.4	KDS-SR 6/10 BK	4044211210021	1 ST		
	Cable entry, Ir	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		
0	Cable entry, Ir	nlay, Mounting type: Plug in, IP 66, Co	lour: Black			
	Article number	Article name	GTIN (EAN)	Packaging unit		
Ŧ	28518.4	KDS-Inlay 4 BK	4044211210861	5 ST		
	Cable entry se	et, IP66, Consisting of: 1 x KDS-SR 6/1	10, 1 x KDS-Inlay 2, 1	x KDS-Inlay 6		
	Article number	Article name	GTIN (EAN)	Packaging unit		
	28603.4	KDS-Set 6/10 BK	4044211216191	1 ST		
	Cable entry se	et, IP66, Consisting of: 1xKDSI-SR 10/	24, each 1xKDS-Inla	y 2,4,6		
	Article number	Article name	GTIN (EAN)	Packaging unit		

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



##INVERSE##CONTA-CABLE

 Cable entry, Inlay, 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
Cable entry se	t, IP66, Consisting of: 1 x KDS	I-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 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: So lock	crews, Length: 153 mm, Wid	
-	• • • •	crews, Length: 153mm, Wid GTIN (EAN)	th: 64 mm, IP Packaging unit
66, Colour: Bla	ick		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
66, Colour: Bla Article number 28883.4 Cable entry se	Article name KDSI-SR 10/24 BK t, IP66, Consisting of: 1xKDSI-	GTIN (EAN) 4044211242107 SR 10/24, each 1xKDS-Inla	Packaging unit 1 ST y 2,4,6 Packaging
66, Colour: Bla Article number 28883.4 Cable entry se Article number 28893.4	Article name KDSI-SR 10/24 BK t, IP66, Consisting of: 1xKDSI- Article name KDSI-SET 10/24 BK th TPE seal, Mounting type: So	GTIN (EAN) 4044211242107 •SR 10/24, each 1xKDS-Inlay GTIN (EAN) 4044211242183	Packaging unit 1 ST y 2,4,6 Packaging unit 1 ST

28883.4

KDSI-SR 10/24 BK

4044211242107

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 se	t, IP66, Consisting of: 1xKDSI-SR 10/2	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 wit 66, Colour: Bla	th TPE seal, Mounting type: Screws, L lick	ength: 106 mm, Widt	
*	Article number	Article name	GTIN (EAN)	Packaging unit
	28881.4	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			
				Packaging
	Article number	Article name	GTIN (EAN)	unit
	28890.4	Article name KDSI-SET 1-4 BK	GTIN (EAN) 4044211242152	
	<u>28890.4</u>	KDSI-SET 1-4 BK th foamed-in seal, Mounting type: Scre	4044211242152	unit 1 ST
	28890.4 Cable entry wit	KDSI-SET 1-4 BK th foamed-in seal, Mounting type: Scre	4044211242152	unit 1 ST
	28890.4 Cable entry wit IP 66, Colour:	KDSI-SET 1-4 BK th foamed-in seal, Mounting type: Scre Black	4044211242152 ews, Length: 81 mm,	unit 1 ST Width: 70 mm, Packaging
	28890.4 Cable entry with IP 66, Colour: Article number 28506.4	KDSI-SET 1-4 BK th foamed-in seal, Mounting type: Scre Black Article name	4044211242152 ews, Length: 81 mm, * GTIN (EAN) 4044211210823	unit 1 ST Width: 70 mm, Packaging unit
	28890.4 Cable entry with IP 66, Colour: Article number 28506.4	KDSI-SET 1-4 BK th foamed-in seal, Mounting type: Scre Black Article name KDS-SR 1-4 BK	4044211242152 ews, Length: 81 mm, * GTIN (EAN) 4044211210823	unit 1 ST Width: 70 mm, Packaging unit
	28890.4 Cable entry wit IP 66, Colour: Article number 28506.4 Cable entry se	KDSI-SET 1-4 BK th foamed-in seal, Mounting type: Scree Black Article name KDS-SR 1-4 BK t, IP66, Consisting of: 1xKDSI-SR 8/16	4044211242152 ews, Length: 81 mm, GTIN (EAN) 4044211210823 6, 2xKDS-Inlay 4	unit 1 ST Width: 70 mm, Packaging unit 1 ST Packaging
	28890.4 Cable entry wit IP 66, Colour: Article number 28506.4 Cable entry se Article number 28892.4	KDSI-SET 1-4 BK th foamed-in seal, Mounting type: Scre Black Article name KDS-SR 1-4 BK t, IP66, Consisting of: 1xKDSI-SR 8/16 Article name	4044211242152 ews, Length: 81 mm, 9 GTIN (EAN) 4044211210823 5, 2xKDS-Inlay 4 GTIN (EAN) 4044211242176	unit 1 ST Width: 70 mm, Packaging unit 1 ST Packaging 1 ST 1 ST 1 ST
	28890.4 Cable entry wit IP 66, Colour: Article number 28506.4 Cable entry se Article number 28892.4	KDSI-SET 1-4 BK th foamed-in seal, Mounting type: Scree Black Article name KDS-SR 1-4 BK t, IP66, Consisting of: 1xKDSI-SR 8/16 Article name KDSI-SET 8/16 BK	4044211242152 ews, Length: 81 mm, 9 GTIN (EAN) 4044211210823 5, 2xKDS-Inlay 4 GTIN (EAN) 4044211242176	unit 1 ST Width: 70 mm, Packaging unit 1 ST Packaging 1 ST 1 ST 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 se	et, 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 se	et, 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 with TPE seal, Mounting type: Screws, Length: 126 mm, Width: 64 mm, IP 66, Colour: Black				
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	Article number	Article name	GTIN (EAN)	Packaging unit	
	Article number 28882.4	Article name KDSI-SR 8/16 BK	GTIN (EAN) 4044211242091		
	28882.4	KDSI-SR 8/16 BK th TPE seal, Mounting type: Screws, L	4044211242091	unit 1 ST	
	28882.4 Cable entry wi	KDSI-SR 8/16 BK th TPE seal, Mounting type: Screws, L	4044211242091	unit 1 ST	
	28882.4 Cable entry wi 66, Colour: Bla	KDSI-SR 8/16 BK th TPE seal, Mounting type: Screws, L ack	4044211242091 ength: 153 mm, Wide	unit 1 ST th: 64 mm, IP Packaging	
	28882.4 Cable entry wi 66, Colour: Bla Article number 28883.4	KDSI-SR 8/16 BK th TPE seal, Mounting type: Screws, L ack Article name	4044211242091 Length: 153 mm, Widt GTIN (EAN) 4044211242107	unit 1 ST th: 64 mm, IP Packaging unit 1 ST	
	28882.4 Cable entry wi 66, Colour: Bla Article number 28883.4	KDSI-SR 8/16 BK th TPE seal, Mounting type: Screws, L ack Article name KDSI-SR 10/24 BK	4044211242091 Length: 153 mm, Widt GTIN (EAN) 4044211242107	unit 1 ST th: 64 mm, IP Packaging unit 1 ST	
	28882.4 Cable entry wi 66, Colour: Bla Article number 28883.4 Cable entry se	KDSI-SR 8/16 BK th TPE seal, Mounting type: Screws, L ack Article name KDSI-SR 10/24 BK et, IP66, Consisting of: 1 x KDSI-SR 1-	4044211242091 Length: 153 mm, Widt GTIN (EAN) 4044211242107 4 BK, 1 x KDS-Inlay 4	unit 1 ST th: 64 mm, IP Packaging unit 1 ST 4 BK Packaging	
	28882.4 Cable entry wi 66, Colour: Bla Article number 28883.4 Cable entry se Article number 28890.4	KDSI-SR 8/16 BK th TPE seal, Mounting type: Screws, L ack Article name KDSI-SR 10/24 BK et, IP66, Consisting of: 1 x KDSI-SR 1- Article name	4044211242091 ength: 153 mm, Wide GTIN (EAN) 4044211242107 4 BK, 1 x KDS-Inlay GTIN (EAN) 4044211242152	unit 1 ST 1 ST th: 64 mm, IP Packaging unit 1 ST 4 BK Packaging unit 1 ST 1 ST	
	28882.4 Cable entry wi 66, Colour: Bla Article number 28883.4 Cable entry se Article number 28890.4	KDSI-SR 8/16 BK th TPE seal, Mounting type: Screws, L ack Article name KDSI-SR 10/24 BK et, IP66, Consisting of: 1 x KDSI-SR 1- Article name KDSI-SET 1-4 BK	4044211242091 ength: 153 mm, Wide GTIN (EAN) 4044211242107 4 BK, 1 x KDS-Inlay GTIN (EAN) 4044211242152	unit 1 ST 1 ST th: 64 mm, IP Packaging unit 1 ST 4 BK Packaging unit 1 ST 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 se	t, IP66, Consisting of: 1xKDSI-SR 10/2	24, each 1xKDS-Inlay	y 2,4,6	
	Article number	Article name	GTIN (EAN)	Packaging unit	
	28893.4	KDSI-SET 10/24 BK	4044211242183	1 ST	
	Cable entry wit 66, Colour: Bla	th TPE seal, Mounting type: Screws, L	.ength: 106 mm, Widt	th: 64 mm, IP	
	оо, Coloul. Ыа	ICK			
	Article number	Article name	GTIN (EAN)	Packaging unit	