



Seal, Mounting type: Plug in, Length x width: 42.8 mm, Max. cable diameter: 17 mm, IP 66, Colour: Black

**RAL:** 9005

#### **Business data**

Article number	<u>28537.4</u>
Article name	KDS-DEG 16-17 BK
GTIN (EAN)	4044211215293
Packaging unit	10
Quantity unit	PC
Weight per piece (not including packaging)	27.3 g
Weight per piece (including packaging)	27.7 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.	16 mm
Cable diameter, max.	17 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





Inlays

	Cable entry, Ini	ay, 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, Inl	ay, 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
0		KDS-Inlay 2 BK ay, Mounting type: Plug in, IP 6		5 ST
				5 ST Packaging unit
	Cable entry, Inl	ay, Mounting type: Plug in, IP 6	6, Colour: Black	Packaging
	Cable entry, Inl Article number 28518.4	ay, Mounting type: Plug in, IP 6 Article name	6, Colour: Black <b>GTIN (EAN)</b> 4044211210861	Packaging unit
	Cable entry, Inl Article number 28518.4	ay, Mounting type: Plug in, IP 6 Article name KDS-Inlay 4 BK	6, Colour: Black <b>GTIN (EAN)</b> 4044211210861	Packaging unit

#### **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 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

<u>4</u>	Article name KDS-IVR 1-4 BK ne, Length: 105 mm, Height: 11.5 mm, C	GTIN (EAN) 4044211210830	Packaging unit 10 ST
			10 ST
locking frar	ne, Length: 105 mm, Height: 11.5 mm, C	olour: Black	
number	Article name	GTIN (EAN)	Packaging unit
4	KDS-IVR 6/10 BK	4044211210779	10 ST
locking frar	ne, Length: 125 mm, Height: 11.5 mm, C	Colour: Black	
number	Article name	GTIN (EAN)	Packaging unit
4	KDS-IVR 8/16 BK	4044211210793	10 ST
locking frar	ne, Length: 152 mm, Height: 11.5 mm, C	Colour: Black	
number	Article name	GTIN (EAN)	Packaging unit
4	KDS-IVR 10/24 BK	4044211210816	10 ST
	4 locking fran number 4 locking fran number	4       KDS-IVR 6/10 BK         locking frame, Length: 125 mm, Height: 11.5 mm, C         number       Article name         4       KDS-IVR 8/16 BK         locking frame, Length: 152 mm, Height: 11.5 mm, C         number       Article name         KDS-IVR 8/16 BK         locking frame, Length: 152 mm, Height: 11.5 mm, C         number       Article name	4       KDS-IVR 6/10 BK       4044211210779         locking frame, Length: 125 mm, Height: 11.5 mm, Colour: Black       mumber         Article name       GTIN (EAN)         4       KDS-IVR 8/16 BK         4       KDS-IVR 8/16 BK         10cking frame, Length: 152 mm, Height: 11.5 mm, Colour: Black         number       Article name         GTIN (EAN)         GTIN (EAN)         GTIN (EAN)

#### ##INVERSE##CONTA-CABLE



	Split cable glar IP 66, Colour:	nd including counter nut, Thread Black	type: metric, Material: PA	6.6, Protection:
	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: 165
	Article number	Article name	GTIN (EAN)	Packaging unit
•	28661.4	KDS-FP 3x10/24 BK	4044211220365	1 ST
	Split cable glar IP 66, Colour:	nd including counter nut, Thread Black	l type: metric, Material: PA	6.6, Protection:
5	Article number	Article name	GTIN (EAN)	Packaging unit
	28615.4	KDS-KV M63 BK	4044211208981	5 ST
	Cable entry fla	ngo plata with formed in frame		
		3 mm, IP66, Colour: Black	gasket, Mounting type: Scr	
			gasket, Mounting type: Scr GTIN (EAN)	ew, Length: 165 Packaging unit
	mm, Width: 12	3 mm, IP66, Colour: Black		Packaging
	mm, Width: 12 Article number 28660.4 Cable entry fla	3 mm, IP66, Colour: Black Article name	<b>GTIN (EAN)</b> 4044211220358	Packaging unit 1 ST
	mm, Width: 12 Article number 28660.4 Cable entry fla	3 mm, IP66, Colour: Black Article name KDS-FP 2x10/24 BK nge plate with foamed-in frame	<b>GTIN (EAN)</b> 4044211220358	Packaging unit 1 ST
	mm, Width: 12 Article number 28660.4 Cable entry fla mm, Width: 17	3 mm, IP66, Colour: Black Article name KDS-FP 2x10/24 BK nge plate with foamed-in frame 4 mm, IP66, Colour: Black	GTIN (EAN) 4044211220358 gasket, Mounting type: Scr	Packaging unit 1 ST ew, Length: 165 Packaging
	mm, Width: 12 Article number 28660.4 Cable entry fla mm, Width: 17 Article number 28661.4	3 mm, IP66, Colour: Black Article name KDS-FP 2x10/24 BK nge plate with foamed-in frame 4 mm, IP66, Colour: Black Article name	GTIN (EAN) 4044211220358 gasket, Mounting type: Scr GTIN (EAN) 4044211220365	Packaging unit 1 ST ew, Length: 165 Packaging unit
	mm, Width: 12 Article number 28660.4 Cable entry fla mm, Width: 17 Article number 28661.4	3 mm, IP66, Colour: Black Article name KDS-FP 2x10/24 BK nge plate with foamed-in frame 4 mm, IP66, Colour: Black Article name KDS-FP 3x10/24 BK	GTIN (EAN) 4044211220358 gasket, Mounting type: Scr GTIN (EAN) 4044211220365	Packaging unit 1 ST ew, Length: 165 Packaging unit
	mm, Width: 12 Article number 28660.4 Cable entry fla mm, Width: 17 Article number 28661.4 Cable entry, In	3 mm, IP66, Colour: Black Article name KDS-FP 2x10/24 BK nge plate with foamed-in frame 4 mm, IP66, Colour: Black Article name KDS-FP 3x10/24 BK Ilay, Mounting type: Plug in, IP 6	GTIN (EAN) 4044211220358 gasket, Mounting type: Scr GTIN (EAN) 4044211220365 6, Colour: Black	Packaging unit 1 ST ew, Length: 165 Packaging unit 1 ST Packaging
	mm, Width: 12 Article number 28660.4 Cable entry fla mm, Width: 17 Article number 28661.4 Cable entry, In Article number 28518.4	3 mm, IP66, Colour: Black Article name KDS-FP 2x10/24 BK nge plate with foamed-in frame 4 mm, IP66, Colour: Black Article name KDS-FP 3x10/24 BK Ilay, Mounting type: Plug in, IP 6 Article name KDS-Inlay 4 BK th TPE seal, Mounting type: Screen	GTIN (EAN) 4044211220358 gasket, Mounting type: Scr GTIN (EAN) 4044211220365 66, Colour: Black GTIN (EAN) 4044211210861	Packaging unit 1 ST ew, Length: 165 Packaging unit 1 ST Packaging unit 5 ST
	mm, Width: 12 Article number 28660.4 Cable entry fla mm, Width: 17 Article number 28661.4 Cable entry, In Article number 28518.4 Cable entry with	3 mm, IP66, Colour: Black Article name KDS-FP 2x10/24 BK nge plate with foamed-in frame 4 mm, IP66, Colour: Black Article name KDS-FP 3x10/24 BK Ilay, Mounting type: Plug in, IP 6 Article name KDS-Inlay 4 BK th TPE seal, Mounting type: Screen	GTIN (EAN) 4044211220358 gasket, Mounting type: Scr GTIN (EAN) 4044211220365 66, Colour: Black GTIN (EAN) 4044211210861	Packaging unit 1 ST ew, Length: 165 Packaging unit 1 ST Packaging unit 5 ST



Article number	Article name	GTIN (EAN)	Packaging unit
28516.4	KDS-Inlay 1 BK	4044211210847	5 ST
Thread and loc Black	king adapter, Material: Polyamide	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
Cable entry se	t, IP66, Consisting of: 1xKDSI-SR	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: 1 x KDS-SR	1-4 BK, 1 x KDS-Inlay 4	I BK
 Article number	Article name	GTIN (EAN)	Packaging unit
28602.4	KDS-Set 1-4 BK	4044211216184	1 ST
Cable entry wi Colour: Black	th TPE seal, Mounting type: Screw	rs, Length: 81 mm, Width	n: 64 mm, IP 6
Colour. Diack			
Article number	Article name	GTIN (EAN)	
	Article name KDSI-SR 1-4 BK	<b>GTIN (EAN)</b> 4044211243807	Packaging
Article number 28880.4		4044211243807	Packaging unit
Article number 28880.4	KDSI-SR 1-4 BK	4044211243807	Packaging unit 1 ST
Article number 28880.4 Cable entry, In	KDSI-SR 1-4 BK lay, Mounting type: Plug in, IP 66,	4044211243807 Colour: Black	Packaging unit 1 ST Packaging
Article number 28880.4 Cable entry, In Article number 28517.4	KDSI-SR 1-4 BK lay, Mounting type: Plug in, IP 66, Article name	4044211243807 Colour: Black GTIN (EAN) 4044211210854	Packaging unit 1 ST Packaging unit
Article number 28880.4 Cable entry, In Article number 28517.4	KDSI-SR 1-4 BK lay, Mounting type: Plug in, IP 66, Article name KDS-Inlay 2 BK	4044211243807 Colour: Black GTIN (EAN) 4044211210854	Packaging unit 1 ST Packaging unit
Article number 28880.4 Cable entry, In Article number 28517.4 Cable entry, In	KDSI-SR 1-4 BK lay, Mounting type: Plug in, IP 66, Article name KDS-Inlay 2 BK lay, Mounting type: Plug in, IP 66,	4044211243807 Colour: Black GTIN (EAN) 4044211210854 Colour: Black	Packaging unit 1 ST Packaging unit 5 ST Packaging
Article number 28880.4 Cable entry, In Article number 28517.4 Cable entry, In Article number 28518.4	KDSI-SR 1-4 BK lay, Mounting type: Plug in, IP 66, Article name KDS-Inlay 2 BK lay, Mounting type: Plug in, IP 66, Article name	4044211243807 Colour: Black GTIN (EAN) 4044211210854 Colour: Black GTIN (EAN) 4044211210861	Packaging unit 1 ST Packaging unit 5 ST Packaging unit 5 ST
Article number 28880.4 Cable entry, In Article number 28517.4 Cable entry, In Article number 28518.4	KDSI-SR 1-4 BK lay, Mounting type: Plug in, IP 66, Article name KDS-Inlay 2 BK lay, Mounting type: Plug in, IP 66, Article name KDS-Inlay 4 BK	4044211243807 Colour: Black GTIN (EAN) 4044211210854 Colour: Black GTIN (EAN) 4044211210861	Packaging unit 1 ST Packaging unit 5 ST Packaging unit 5 ST



	Cable entry se	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 wi 66, Colour: Bla	th TPE seal, Mounting type: Screws ack	, Length: 106 mm, Wid	th: 64 mm, IP
	Article number	Article name	GTIN (EAN)	Packaging unit
	28881.4	KDSI-SR 6/10 BK	4044211242084	1 ST
• •	Cable entry wi IP 66, Colour:	th foamed-in seal, Mounting type: So Black	crews, Length: 81 mm,	Width: 70 mm,
••	Article number	Article name	GTIN (EAN)	Packaging unit
	28506.4	KDS-SR 1-4 BK	4044211210823	1 ST
• •		th foamed-in seal, Mounting type: So Black	crews, Length: 106 mm	n, Width: 70 mr
• • •	Cable entry wi		crews, Length: 106 mm GTIN (EAN)	n, Width: 70 mr Packaging unit
• • •	Cable entry wi IP 66, Colour:	Black		Packaging
	Cable entry wi IP 66, Colour: Article number 28500.4	Black Article name KDS-SR 6/10 BK th foamed-in seal, Mounting type: So	<b>GTIN (EAN)</b> 4044211210021	Packaging unit 1 ST
	Cable entry wi IP 66, Colour: Article number 28500.4 Cable entry wi	Black Article name KDS-SR 6/10 BK th foamed-in seal, Mounting type: So	<b>GTIN (EAN)</b> 4044211210021	Packaging unit 1 ST
	Cable entry wi IP 66, Colour: Article number 28500.4 Cable entry wi IP 66, Colour:	Black Article name KDS-SR 6/10 BK th foamed-in seal, Mounting type: So Black	GTIN (EAN) 4044211210021 crews, Length: 126 mm	Packaging unit 1 ST n, Width: 70 mr Packaging
	Cable entry wi IP 66, Colour: Article number 28500.4 Cable entry wi IP 66, Colour: Article number 28502.4	Black Article name KDS-SR 6/10 BK th foamed-in seal, Mounting type: So Black Article name	GTIN (EAN) 4044211210021 crews, Length: 126 mm GTIN (EAN) 4044211210786	Packaging unit 1 ST n, Width: 70 mr Packaging unit 1 ST
	Cable entry wi IP 66, Colour: Article number 28500.4 Cable entry wi IP 66, Colour: Article number 28502.4	Black Article name KDS-SR 6/10 BK th foamed-in seal, Mounting type: So Black Article name KDS-SR 8/16 BK	GTIN (EAN) 4044211210021 crews, Length: 126 mm GTIN (EAN) 4044211210786	Packaging unit 1 ST n, Width: 70 mr Packaging unit 1 ST
	Cable entry wi IP 66, Colour: Article number 28500.4 Cable entry wi IP 66, Colour: Article number 28502.4 Cable entry se	Black Article name KDS-SR 6/10 BK th foamed-in seal, Mounting type: So Black Article name KDS-SR 8/16 BK et, IP66, Consisting of: 1 x KDS-SR 1	GTIN (EAN) 4044211210021 crews, Length: 126 mm GTIN (EAN) 4044211210786	Packaging unit 1 ST n, Width: 70 mr Packaging unit 1 ST 4 BK Packaging
	Cable entry wi IP 66, Colour: Article number 28500.4 Cable entry wi IP 66, Colour: Article number 28502.4 Cable entry se Article number 28602.4	Black Article name KDS-SR 6/10 BK th foamed-in seal, Mounting type: So Black Article name KDS-SR 8/16 BK et, IP66, Consisting of: 1 x KDS-SR 1 Article name	GTIN (EAN) 4044211210021 crews, Length: 126 mm GTIN (EAN) 4044211210786 1-4 BK, 1 x KDS-Inlay 4 GTIN (EAN) 4044211216184	Packaging unit 1 ST n, Width: 70 mm Packaging unit 1 ST 4 BK Packaging unit 1 ST
	Cable entry wi IP 66, Colour: Article number 28500.4 Cable entry wi IP 66, Colour: Article number 28502.4 Cable entry se Article number 28602.4	Black Article name KDS-SR 6/10 BK th foamed-in seal, Mounting type: So Black Article name KDS-SR 8/16 BK et, IP66, Consisting of: 1 x KDS-SR 1 Article name KDS-Set 1-4 BK	GTIN (EAN) 4044211210021 crews, Length: 126 mm GTIN (EAN) 4044211210786 1-4 BK, 1 x KDS-Inlay 4 GTIN (EAN) 4044211216184	Packaging unit 1 ST n, Width: 70 mr Packaging unit 1 ST 4 BK Packaging unit 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 se	et, IP66, Consisting of: 1 x KDS-SR	10/24, 1 each of KDS-Ir	nlay 2,4,6	
::	Article number	Article name	GTIN (EAN)	Packaging unit	
	28605.4	KDS-Set 10/24 BK	4044211216214	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	et, 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		
	Article number	Article name	GTIN (EAN)	Packaging unit	
	28881.4	KDSI-SR 6/10 BK	4044211242084	1 ST	
	Cable entry wi 66, Colour: Bla	th TPE seal, Mounting type: Screws ack	s, Length: 153 mm, Wid	th: 64 mm, IP	
	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 se	et, IP66, Consisting of: 1xKDSI-SR 6	6/10, 1xKDS-Inlay 2, 1x	KDS-Inlay 6	
	Article number	Article name	GTIN (FAN)	Packaging	

Article number	Article name	GTIN (EAN)	Packaging unit
28891.4	KDSI-SET 6/10 BK	4044211242169	1 ST

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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 wi 66, Colour: Bla	th TPE seal, Mounting type: Souck	crews, Length: 106 mm, Wid	th: 64 mm, IP
•	• • • • •	crews, Length: 106 mm, Wid GTIN (EAN)	th: 64 mm, IP Packaging unit