



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

RAL: Ähnlich 7035

Business data

Article number	28578.6
Article name	KDS-DEG 16-17 GR
GTIN (EAN)	4044211215286
Packaging unit	10
Quantity unit	PC
Weight per piece (not including packaging)	29.7 g
Weight per piece (including packaging)	30.1 g
Unit of weight	G
Customs number	39259020
Country of origin	DE
Product description	Sealing Element
Colour	Grey



Technical data

Dimensions	
Length	42.8 mm
Width	42.8 mm
Height	17.7 mm
Materials	
Material	TPE
Flammability class UL 94	V-0
Working temperature, min.	-40 °C
Working temperature, max.	90 °C
Halogen-free	✓
Silicone-free	✓
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 Type	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
0	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
11	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 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

Inner locking fra	ame, 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	n, 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	n, 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	n, Colour: Black	
Article number	Article name	GTIN (EAN)	Packaging unit
	Article number 28507.4 Inner locking fra Article number 28501.4 Inner locking fra Article number 28503.4 Inner locking fra	Article numberArticle name28507.4KDS-IVR 1-4 BKInner locking frame, Length: 105 mm, Height: 11.5 mmArticle numberArticle name28501.4KDS-IVR 6/10 BKInner locking frame, Length: 125 mm, Height: 11.5 mmArticle numberArticle name28503.4KDS-IVR 8/16 BKInner locking frame, Length: 152 mm, Height: 11.5 mm	28507.4KDS-IVR 1-4 BK4044211210830Inner locking frame, Length: 105 mm, Height: 11.5 mm, Colour: BlackArticle numberArticle nameGTIN (EAN)28501.4KDS-IVR 6/10 BK4044211210779Inner locking frame, Length: 125 mm, Height: 11.5 mm, Colour: BlackArticle numberArticle nameGTIN (EAN)28503.4KDS-IVR 8/16 BK4044211210793Inner locking frame, Length: 152 mm, Height: 11.5 mm, Colour: Black

##INVERSE##CONTA-CABLE



23	Article number	Article name	GTIN (EAN)	Packaging unit
	28613.4	KDS-KV M40 BK	4044211208967	5 ST
	Split cable gla IP 66, Colour:	nd including counter nut, Threa Black	d type: metric, Material: PA	6.6, Protection:
25	Article number	Article name	GTIN (EAN)	Packaging unit
	28614.4	KDS-KV M50 BK	4044211208974	5 ST
	Round cable e	entry, Material: polyamide PA 6.	6, glass-fibre reinforced TF	PE, Colour: Blac
	Article number	Article name	GTIN (EAN)	Packaging unit
	28774.4	KDS-R 40-63 BK	4044211234546	5 ST
	•	th foamed-in seal, Mounting typ	be: Screws, Length: 126 mm	n, Width: 70 mm,
	Cable entry wi IP 66, Colour: Article number	• • •	be: Screws, Length: 126 mm GTIN (EAN)	n, Width: 70 mm, Packaging unit
	IP 66, Colour:	Black		Packaging
	IP 66, Colour: Article number 28502.4	Black Article name	GTIN (EAN) 4044211210786	Packaging unit 1 ST
	IP 66, Colour: Article number 28502.4	Black Article name KDS-SR 8/16 BK	GTIN (EAN) 4044211210786	Packaging unit 1 ST
	IP 66, Colour: Article number 28502.4 Cable entry se	Black Article name KDS-SR 8/16 BK et, IP66, Consisting of: 1 x KDS-	GTIN (EAN) 4044211210786 -SR 6/10, 1 x KDS-Inlay 2, 1	Packaging unit 1 ST x KDS-Inlay 6 Packaging
	IP 66, Colour: Article number 28502.4 Cable entry se Article number 28603.4	Black Article name KDS-SR 8/16 BK et, IP66, Consisting of: 1 x KDS- Article name	GTIN (EAN) 4044211210786 -SR 6/10, 1 x KDS-Inlay 2, 1 GTIN (EAN) 4044211216191	Packaging unit 1 ST x KDS-Inlay 6 Packaging unit 1 ST
	IP 66, Colour: Article number 28502.4 Cable entry se Article number 28603.4	Black Article name KDS-SR 8/16 BK et, IP66, Consisting of: 1 x KDS- Article name KDS-Set 6/10 BK	GTIN (EAN) 4044211210786 -SR 6/10, 1 x KDS-Inlay 2, 1 GTIN (EAN) 4044211216191	Packaging unit 1 ST x KDS-Inlay 6 Packaging unit 1 ST
	IP 66, Colour: Article number 28502.4 Cable entry se Article number 28603.4 Cable entry se	Black Article name KDS-SR 8/16 BK et, IP66, Consisting of: 1 x KDS- Article name KDS-Set 6/10 BK et, IP66, Consisting of: 1 x KDS	GTIN (EAN) 4044211210786 -SR 6/10, 1 x KDS-Inlay 2, 1 GTIN (EAN) 4044211216191	Packaging unit 1 ST X KDS-Inlay 6 Packaging unit 1 ST 4 BK Packaging
	IP 66, Colour: Article number 28502.4 Cable entry set Article number 28603.4 Cable entry set Article number 28890.4	Black Article name KDS-SR 8/16 BK et, IP66, Consisting of: 1 x KDS- Article name KDS-Set 6/10 BK et, IP66, Consisting of: 1 x KDS Article name	GTIN (EAN) 4044211210786 -SR 6/10, 1 x KDS-Inlay 2, 1 GTIN (EAN) 4044211216191 I-SR 1-4 BK, 1 x KDS-Inlay GTIN (EAN) 4044211242152	Packaging unit 1 ST x KDS-Inlay 6 Packaging unit 1 ST 4 BK Packaging unit 1 ST
	IP 66, Colour: Article number 28502.4 Cable entry set Article number 28603.4 Cable entry set Article number 28890.4	Black Article name KDS-SR 8/16 BK et, IP66, Consisting of: 1 x KDS- Article name KDS-Set 6/10 BK et, IP66, Consisting of: 1 x KDSI Article name KDSI-SET 1-4 BK	GTIN (EAN) 4044211210786 -SR 6/10, 1 x KDS-Inlay 2, 1 GTIN (EAN) 4044211216191 I-SR 1-4 BK, 1 x KDS-Inlay GTIN (EAN) 4044211242152	Packaging unit 1 ST x KDS-Inlay 6 Packaging unit 1 ST 4 BK Packaging unit 1 ST



	Article number	Article name	GTIN (EAN)	Packaging
1020.00.00.00.00				unit
	28505.4	KDS-IVR 10/24 BK	4044211210816	10 ST
	Cable entry wi IP 66, Colour:	th foamed-in seal, Mounting typ Black	e: Screws, Length: 126 mm	n, Width: 70 mr
•	Article number	Article name	GTIN (EAN)	Packaging unit
	28502.4	KDS-SR 8/16 BK	4044211210786	1 ST
•	IP 66, Colour:			n, Width: 70 mr Packaging
and a second	Article number	Article name	GTIN (EAN)	unit
	28500.4	KDS-SR 6/10 BK	4044211210021	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
		th foamed-in seal, Mounting typ		n, Width: 70 mr
	Cable entry wi	th foamed-in seal, Mounting typ		
	Cable entry wi IP 66, Colour:	th foamed-in seal, Mounting typ Black	e: Screws, Length: 126 mm	n, Width: 70 mr Packaging
	Cable entry wi IP 66, Colour: Article number 28502.4	th foamed-in seal, Mounting typ Black Article name KDS-SR 8/16 BK th TPE seal, Mounting type: Scr	e: Screws, Length: 126 mm GTIN (EAN) 4044211210786	n, Width: 70 mr Packaging unit 1 ST
	Cable entry wi IP 66, Colour: Article number 28502.4 Cable entry wi	th foamed-in seal, Mounting typ Black Article name KDS-SR 8/16 BK th TPE seal, Mounting type: Scr	e: Screws, Length: 126 mm GTIN (EAN) 4044211210786	n, Width: 70 mr Packaging unit 1 ST
	Cable entry wi IP 66, Colour: Article number 28502.4 Cable entry wi 66, Colour: Bla	th foamed-in seal, Mounting typ Black Article name KDS-SR 8/16 BK th TPE seal, Mounting type: Scr ack	e: Screws, Length: 126 mm GTIN (EAN) 4044211210786 rews, Length: 153 mm, Wid	n, Width: 70 mr Packaging unit 1 ST th: 64 mm, IP Packaging
	Cable entry wi IP 66, Colour: Article number 28502.4 Cable entry wi 66, Colour: Bla Article number 28883.4	th foamed-in seal, Mounting typ Black Article name KDS-SR 8/16 BK th TPE seal, Mounting type: Scr ack Article name KDSI-SR 10/24 BK th foamed-in seal, Mounting typ	e: Screws, Length: 126 mm GTIN (EAN) 4044211210786 rews, Length: 153 mm, Wid GTIN (EAN) 4044211242107	n, Width: 70 mr Packaging unit 1 ST th: 64 mm, IP Packaging unit 1 ST
	Cable entry wi IP 66, Colour: Article number 28502.4 Cable entry wi 66, Colour: Bla Article number 28883.4 Cable entry wi	th foamed-in seal, Mounting typ Black Article name KDS-SR 8/16 BK th TPE seal, Mounting type: Scr ack Article name KDSI-SR 10/24 BK th foamed-in seal, Mounting typ	e: Screws, Length: 126 mm GTIN (EAN) 4044211210786 rews, Length: 153 mm, Wid GTIN (EAN) 4044211242107	n, Width: 70 mr Packaging unit 1 ST th: 64 mm, IP Packaging unit 1 ST



1.00	Colour: Black	h TPE seal, Mounting type: Screws,	, ∟engin: 126 mm, Wid	un. 64 mm, IPt
	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, ck	, 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 se	t, 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	t, IP66, Consisting of: 1xKDSI-SR 6/		·
add	Article number	Article name	GTIN (EAN)	Packaging unit
	28891.4	KDSI-SET 6/10 BK	4044211242169	
	20091.4		4044211242109	1 ST
		t, IP66, Consisting of: 1xKDSI-SR 6/		
		t, IP66, Consisting of: 1xKDSI-SR 6/ Article name		
	Cable entry se		/10, 1xKDS-Inlay 2, 1x	KDS-Inlay 6 Packaging
	Cable entry se Article number 28891.4	Article name	/10, 1xKDS-Inlay 2, 1x GTIN (EAN) 4044211242169	KDS-Inlay 6 Packaging unit 1 ST
	Cable entry se Article number 28891.4	Article name KDSI-SET 6/10 BK	/10, 1xKDS-Inlay 2, 1x GTIN (EAN) 4044211242169	KDS-Inlay 6 Packaging unit 1 ST
	Cable entry se Article number 28891.4 Cable entry se	Article name KDSI-SET 6/10 BK t, IP66, Consisting of: 1 x KDS-SR 1	/10, 1xKDS-Inlay 2, 1x GTIN (EAN) 4044211242169 10/24, 1 each of KDS-Ir	KDS-Inlay 6 Packaging unit 1 ST nlay 2,4,6 Packaging
	Cable entry se Article number 28891.4 Cable entry se Article number 28605.4	Article name KDSI-SET 6/10 BK t, IP66, Consisting of: 1 x KDS-SR 1 Article name	/10, 1xKDS-Inlay 2, 1x GTIN (EAN) 4044211242169 0/24, 1 each of KDS-In GTIN (EAN) 4044211216214	KDS-Inlay 6 Packaging unit 1 ST hlay 2,4,6 Packaging unit 1 ST
	Cable entry se Article number 28891.4 Cable entry se Article number 28605.4	Article name KDSI-SET 6/10 BK t, IP66, Consisting of: 1 x KDS-SR 1 Article name KDS-Set 10/24 BK	/10, 1xKDS-Inlay 2, 1x GTIN (EAN) 4044211242169 0/24, 1 each of KDS-In GTIN (EAN) 4044211216214	KDS-Inlay 6 Packaging unit 1 ST hlay 2,4,6 Packaging unit 1 ST



	Article number	Article name	GTIN (EAN)	Packaging unit
	28881.4	KDSI-SR 6/10 BK	4044211242084	1 ST
	Cable entry with TPE seal, Mounting type: Screws, Length: 126 mm, Width: 64 mm, IP 66, Colour: Black			
	Article number	Article name	GTIN (EAN)	Packaging unit
	28882.4	KDSI-SR 8/16 BK	4044211242091	1 ST
	Cable entry with TPE seal, Mounting type: Screws, Length: 153 mm, Width: 64 mm, IP 66, Colour: Black			
	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 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
SUBUE	Cable entry set, IP66, Consisting of: 1xKDSI-SR 10/24, each 1xKDS-Inlay 2,4,6			
	Article number	Article name	GTIN (EAN)	Packaging unit



Cable entry with TPE seal, Mounting type: Screws, Length: 106 mm, Width: 64 mm, IP66,
Colour: BlackArticle numberArticle nameGTIN (EAN)Packaging
unit28881.4KDSI-SR 6/10 BK40442112420841 ST