



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	<b>GTIN (EAN)</b> 4044211210786	Packaging unit 1 ST
	IP 66, Colour: Article number 28502.4	Black Article name KDS-SR 8/16 BK	<b>GTIN (EAN)</b> 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 <b>Article name</b> 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 <b>Article name</b> 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 <b>Article name</b> 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,<br/>Colour: BlackArticle numberArticle nameGTIN (EAN)Packaging<br/>unit28881.4KDSI-SR 6/10 BK40442112420841 ST