



Seal, Mounting type: Plug in, Length x width: 42.8 mm, Max. cable diameter: 19 mm, IP 66, Colour: Grey

### RAL: Ähnlich 7035

### **Business data**

Article number	<u>28580.6</u>
Article name	KDS-DEG 18-19 GR
GTIN (EAN)	4044211215323
Packaging unit	10
Quantity unit	PC
Weight per piece (not including packaging)	27.9 g
Weight per piece (including packaging)	28.3 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.	18 mm
Cable diameter, max.	19 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

	Cable entry, Inla	ay, Mounting type: Plug in, IP 66, Colo	our: Black	
	Article number	Article name	GTIN (EAN)	Packaging unit
	28516.4	KDS-Inlay 1 BK	4044211210847	5 ST
	Cable entry, Inla	ay, Mounting type: Plug in, IP 66, Colo	our: Black	
	Article number	Article name	GTIN (EAN)	Packaging unit
	28517.4	KDS-Inlay 2 BK	4044211210854	5 ST
	Cable entry, Inla	ay, Mounting type: Plug in, IP 66, Cold	our: Black	
	Article number	Article name	GTIN (EAN)	Packaging unit
T	28518.4	KDS-Inlay 4 BK	4044211210861	5 ST
11	Cable entry, Inla	ay, Mounting type: Plug in, IP 66, Colo	our: Black	
	Article number	Article name	GTIN (EAN)	Packaging unit
1 1	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

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#### **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



	Article number	Article name	GTIN (EAN)	Packaging unit
	28613.4	KDS-KV M40 BK	4044211208967	5 ST
	Split cable glar IP 66, Colour:	nd including counter nut, Threa Black	d type: metric, Material: PA	6.6, Protection
5	Article number	Article name	GTIN (EAN)	Packaging unit
	28614.4	KDS-KV M50 BK	4044211208974	5 ST
	Split cable glaı IP 66, Colour:	nd including counter nut, Threa Black	d type: metric, Material: PA	6.6, Protection
3	Article number	Article name	GTIN (EAN)	Packaging unit
	28615.4	KDS-KV M63 BK	4044211208981	5 ST
	Cable entry wi IP 66, Colour:	th foamed-in seal, Mounting ty Black	be: Screws, Length: 153 mm	n, Width: 70 mr
	IP 66, Colour: Article number	Black Article name	GTIN (EAN)	Packaging unit
	IP 66, Colour:	Black		Packaging
	IP 66, Colour: Article number 28504.4	Black Article name	GTIN (EAN) 4044211210809	Packaging unit 1 ST
	IP 66, Colour: Article number 28504.4	Black Article name KDS-SR 10/24 BK	GTIN (EAN) 4044211210809	Packaging unit 1 ST
	IP 66, Colour: Article number 28504.4 Cable entry se	Black Article name KDS-SR 10/24 BK t, IP66, Consisting of: 1 x KDS	GTIN (EAN) 4044211210809 -SR 1-4 BK, 1 x KDS-Inlay 4	Packaging unit 1 ST BK Packaging
	IP 66, Colour: Article number 28504.4 Cable entry se Article number 28602.4	Black Article name KDS-SR 10/24 BK t, IP66, Consisting of: 1 x KDS Article name KDS-Set 1-4 BK th foamed-in seal, Mounting typ	GTIN (EAN) 4044211210809 -SR 1-4 BK, 1 x KDS-Inlay 4 GTIN (EAN) 4044211216184	Packaging unit 1 ST BK Packaging unit 1 ST
	IP 66, Colour: Article number 28504.4 Cable entry se Article number 28602.4 Cable entry with	Black Article name KDS-SR 10/24 BK t, IP66, Consisting of: 1 x KDS Article name KDS-Set 1-4 BK th foamed-in seal, Mounting typ	GTIN (EAN) 4044211210809 -SR 1-4 BK, 1 x KDS-Inlay 4 GTIN (EAN) 4044211216184	Packaging unit 1 ST BK Packaging unit 1 ST
	IP 66, Colour: Article number 28504.4 Cable entry se Article number 28602.4 Cable entry wir IP 66, Colour:	Black Article name KDS-SR 10/24 BK t, IP66, Consisting of: 1 x KDS Article name KDS-Set 1-4 BK th foamed-in seal, Mounting typ Black	GTIN (EAN) 4044211210809 -SR 1-4 BK, 1 x KDS-Inlay 4 GTIN (EAN) 4044211216184 be: Screws, Length: 153 mm	Packaging unit 1 ST BK Packaging unit 1 ST n, Width: 70 mr Packaging
	IP 66, Colour: Article number 28504.4 Cable entry se Article number 28602.4 Cable entry wir IP 66, Colour: Article number 28504.4	Black Article name KDS-SR 10/24 BK t, IP66, Consisting of: 1 x KDS Article name KDS-Set 1-4 BK th foamed-in seal, Mounting typ Black Article name	GTIN (EAN) 4044211210809 -SR 1-4 BK, 1 x KDS-Inlay 4 GTIN (EAN) 4044211216184 De: Screws, Length: 153 mm GTIN (EAN) 4044211210809	Packaging unit 1 ST BK Packaging unit 1 ST N, Width: 70 mr Packaging unit 1 ST
	IP 66, Colour: Article number 28504.4 Cable entry se Article number 28602.4 Cable entry wir IP 66, Colour: Article number 28504.4	Black Article name KDS-SR 10/24 BK t, IP66, Consisting of: 1 x KDS Article name KDS-Set 1-4 BK th foamed-in seal, Mounting typ Black Article name KDS-SR 10/24 BK	GTIN (EAN) 4044211210809 -SR 1-4 BK, 1 x KDS-Inlay 4 GTIN (EAN) 4044211216184 De: Screws, Length: 153 mm GTIN (EAN) 4044211210809	Packaging unit 1 ST BK Packaging unit 1 ST N, Width: 70 mr Packaging unit 1 ST



	Cable entry wit Colour: Black	th TPE seal, Mounting type: Screws, L	ength: 81 mm, Width.	n: 64 mm, IP 66,
- Andrew	Article number	Article name	GTIN (EAN)	Packaging unit
	28880.4	KDSI-SR 1-4 BK	4044211243807	1 ST
	Cable entry se	t, IP66, Consisting of: 1 x KDS-SR 6/1	0, 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	t, IP66, Consisting of: 1 x KDS-SR 8/1	6, 1 x KDS-Inlay 1, 2	2 x KDS-Inlay 4
	Article number	Article name	GTIN (EAN)	Packaging unit
	28604.4	KDS-Set 8/16 BK	4044211216207	1 ST
	•	th foamed-in seal, Mounting type: Scre	ews, Length: 126 mm	n, width: 70 mm,
	Cable entry wit IP 66, Colour: Article number		GTIN (EAN)	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 t, IP66, Consisting of: 1xKDSI-SR 6/10	<b>GTIN (EAN)</b> 4044211210786 0, 1xKDS-Inlay 2, 1xl	Packaging unit 1 ST KDS-Inlay 6 Packaging
	IP 66, Colour: Article number 28502.4 Cable entry se Article number 28891.4	Black Article name KDS-SR 8/16 BK t, IP66, Consisting of: 1xKDSI-SR 6/10 Article name	GTIN (EAN) 4044211210786 0, 1xKDS-Inlay 2, 1x GTIN (EAN) 4044211242169	Packaging unit 1 ST KDS-Inlay 6 Packaging unit 1 ST
	IP 66, Colour: Article number 28502.4 Cable entry se Article number 28891.4	Black Article name KDS-SR 8/16 BK t, IP66, Consisting of: 1xKDSI-SR 6/10 Article name KDSI-SET 6/10 BK	GTIN (EAN) 4044211210786 0, 1xKDS-Inlay 2, 1x GTIN (EAN) 4044211242169	Packaging unit 1 ST KDS-Inlay 6 Packaging unit 1 ST
	IP 66, Colour: Article number 28502.4 Cable entry se Article number 28891.4 Cable entry se	Black Article name KDS-SR 8/16 BK t, IP66, Consisting of: 1xKDSI-SR 6/10 Article name KDSI-SET 6/10 BK t, IP66, Consisting of: 1 x KDS-SR 8/1	GTIN (EAN) 4044211210786 0, 1xKDS-Inlay 2, 1xl GTIN (EAN) 4044211242169 6, 1 x KDS-Inlay 1, 2	Packaging unit 1 ST KDS-Inlay 6 Packaging unit 1 ST 2 x KDS-Inlay 4 Packaging
	IP 66, Colour: Article number 28502.4 Cable entry se Article number 28891.4 Cable entry se Article number 28604.4	Black Article name KDS-SR 8/16 BK t, IP66, Consisting of: 1xKDSI-SR 6/10 Article name KDSI-SET 6/10 BK t, IP66, Consisting of: 1 x KDS-SR 8/1 Article name	GTIN (EAN) 4044211210786 0, 1xKDS-Inlay 2, 1xl GTIN (EAN) 4044211242169 6, 1 x KDS-Inlay 1, 2 GTIN (EAN) 4044211216207	Packaging unit 1 ST KDS-Inlay 6 Packaging unit 1 ST 2 x KDS-Inlay 4 Packaging unit 1 ST 1 ST
	IP 66, Colour: Article number 28502.4 Cable entry se Article number 28891.4 Cable entry se Article number 28604.4	Black Article name KDS-SR 8/16 BK t, IP66, Consisting of: 1xKDSI-SR 6/10 Article name KDSI-SET 6/10 BK t, IP66, Consisting of: 1 x KDS-SR 8/1 Article name KDS-Set 8/16 BK	GTIN (EAN) 4044211210786 0, 1xKDS-Inlay 2, 1xl GTIN (EAN) 4044211242169 6, 1 x KDS-Inlay 1, 2 GTIN (EAN) 4044211216207	Packaging unit 1 ST KDS-Inlay 6 Packaging unit 1 ST 2 x KDS-Inlay 4 Packaging unit 1 ST 1 ST



	Cable entry wit Colour: Black	h TPE seal, Mounting type: Screws, L	₋ength: 81 mm, Width	n: 64 mm, IP 66,
	Article number	Article name	GTIN (EAN)	Packaging unit
	28880.4	KDSI-SR 1-4 BK	4044211243807	1 ST
	Cable entry se	t, IP66, Consisting of: 1xKDSI-SR 10/	24, each 1xKDS-Inla	y 2,4,6
SUBBE	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: 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 wit 66, Colour: Bla	h TPE seal, Mounting type: Screws, L ck	₋ength: 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 wit 66, Colour: Bla	h TPE seal, Mounting type: Screws, L ck	ength: 106 mm, Wid.	th: 64 mm, IP
	•	• • • •	ength: 106 mm, Wid. GTIN (EAN)	th: 64 mm, IP Packaging unit
	66, Colour: Bla	ck		Packaging
	66, Colour: Bla Article number 28881.4	Article name	<b>GTIN (EAN)</b> 4044211242084	Packaging unit 1 ST
Bab	66, Colour: Bla Article number 28881.4	Article name KDSI-SR 6/10 BK	<b>GTIN (EAN)</b> 4044211242084	Packaging unit 1 ST
BBB	66, Colour: Bla Article number 28881.4 Cable entry se	Article name KDSI-SR 6/10 BK t, IP66, Consisting of: 1xKDSI-SR 6/10	<b>GTIN (EAN)</b> 4044211242084 0, 1xKDS-Inlay 2, 1xl	Packaging unit 1 ST KDS-Inlay 6 Packaging
	66, Colour: Bla Article number 28881.4 Cable entry se Article number 28891.4	Article name KDSI-SR 6/10 BK t, IP66, Consisting of: 1xKDSI-SR 6/10 Article name	GTIN (EAN) 4044211242084 0, 1xKDS-Inlay 2, 1xl GTIN (EAN) 4044211242169	Packaging unit 1 ST KDS-Inlay 6 Packaging unit
	66, Colour: Bla Article number 28881.4 Cable entry se Article number 28891.4	Article name KDSI-SR 6/10 BK t, IP66, Consisting of: 1xKDSI-SR 6/10 Article name KDSI-SET 6/10 BK	GTIN (EAN) 4044211242084 0, 1xKDS-Inlay 2, 1xl GTIN (EAN) 4044211242169	Packaging unit 1 ST KDS-Inlay 6 Packaging unit



	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			
	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			
8888	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			
SUBBRE	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, IP66,<br/>Colour: BlackArticle numberArticle nameGTIN (EAN)Packaging<br/>unit28881.4KDSI-SR 6/10 BK40442112420841 ST