



Seal, Mounting type: Plug in, Length x width: 20.3 mm, Max. cable diameter: 15 mm, IP 66, Colour: Grey

### RAL: Ähnlich 7035

### **Business data**

Article number	28609.6
Article name	KDS-DE 14-15 GR
GTIN (EAN)	4044211219307
Packaging unit	10
Quantity unit	PC
Weight per piece (not including packaging)	4.3 g
Weight per piece (including packaging)	4.7 g
Unit of weight	G
Customs number	39259020
Country of origin	DE
Product description	Sealing Element
Colour	Grey



### **Technical data**

Dimensions	
Length	20.3 mm
Width	20.3 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.	14 mm
Cable diameter, max.	15 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
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		lov. Mounting type: Plug in JP	66. Colour: Plack	
		lay, Mounting type: Plug in, IP	oo, Colour. Diack	
	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, Colour: Black	
-	Article number	Article name	GTIN (EAN)	Packaging unit
	28517.4	KDS-Inlay 2 BK	4044211210854	5 ST
	Cable entry, In	lay, Mounting type: Plug in, IP	66, Colour: Black	
	Article number	Article name	GTIN (EAN)	Packaging unit
T I	28518.4	KDS-Inlay 4 BK	4044211210861	5 ST
11	Cable entry, In	lay, Mounting type: Plug in, IP	66, Colour: 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



#### **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 fr	ame, Length: 80 mm, Height: 1	1.5 mm, Colour: Black	
. !	Article number	Article name	GTIN (EAN)	Packaging unit
UCANADO	28507.4	KDS-IVR 1-4 BK	4044211210830	10 ST
	Inner locking fr	ame, Length: 105 mm, Height:	11.5 mm, Colour: Black	
		Article name	GTIN (EAN)	Packaging
0	Article number	Article hame	GTIN (EAN)	unit
PLANAR P	28501.4	KDS-IVR 6/10 BK	4044211210779	unit 10 ST
	<u>28501.4</u>		4044211210779	10 ST
	<u>28501.4</u>	KDS-IVR 6/10 BK	4044211210779	
	28501.4 Inner locking fr	KDS-IVR 6/10 BK ame, Length: 125 mm, Height:	4044211210779 11.5 mm, Colour: Black	10 ST Packaging
	28501.4 Inner locking fr Article number 28503.4	KDS-IVR 6/10 BK ame, Length: 125 mm, Height: Article name	4044211210779 11.5 mm, Colour: Black GTIN (EAN) 4044211210793	10 ST Packaging unit
	28501.4 Inner locking fr Article number 28503.4	KDS-IVR 6/10 BK ame, Length: 125 mm, Height: Article name KDS-IVR 8/16 BK	4044211210779 11.5 mm, Colour: Black GTIN (EAN) 4044211210793	10 ST Packaging unit

#### 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
	28612.4	KDS-KV M32 BK	4044211208950	10 ST



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
28611.4	KDS-KV M25 BK	4044211208943	10 ST

Cable entry flange plate with foamed-in frame gasket, Mounting type: Screw, Length: 165 mm, Width: 123 mm, IP66, Colour: Black

Article number	Article name	GTIN (EAN)	Packaging unit
28660.4	KDS-FP 2x10/24 BK	4044211220358	1 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



Round cable entry, Material: polyamide PA 6.6, glass-fibre reinforced | TPE, Colour: Black

Article number	Article name	GTIN (EAN)	Packaging unit
28770.4	KDS-R 20-32 BK	4044211234508	5 ST



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

	Round cable e	ntry, Material: polyamide PA 6.6, glas	s-fibre reinforced   TF	PE, Colour: Black
	Article number	Article name	GTIN (EAN)	Packaging unit
	28774.4	KDS-R 40-63 BK	4044211234546	5 ST
	Cable entry wi mm, IP 66, Co	th moulded-in seal, Mounting type: Sc lour: Black	rews, Length: 120 mi	m, Width: 39
	Article number	Article name	GTIN (EAN)	Packaging unit
	28706.4	KDS-SR-FB3/D BK	4044211225537	10 ST
	Cable entry wi IP 66, Colour:	th foamed-in seal, Mounting type: Scre Black	ews, Length: 153 mm	, Width: 70 mm,
	Article number	Article name	GTIN (EAN)	Packaging unit
	28504.4	KDS-SR 10/24 BK	4044211210809	1 ST
	Cable entry wi mm, IP 66, Co	th moulded-in seal, Mounting type: Sc lour: Black	rews, Length: 147 m	m, Width: 39
•				<b>D</b>
	Article number	Article name	GTIN (EAN)	Packaging unit
	Article number 28710.4	Article name KDS-SR-FB4/D BK	GTIN (EAN) 4044211225575	
	<u>28710.4</u>	KDS-SR-FB4/D BK th foamed-in seal, Mounting type: Scre	4044211225575	unit 10 ST
	28710.4 Cable entry wi	KDS-SR-FB4/D BK th foamed-in seal, Mounting type: Scre	4044211225575	unit 10 ST
	28710.4 Cable entry wi IP 66, Colour:	KDS-SR-FB4/D BK th foamed-in seal, Mounting type: Scre Black	4044211225575 ews, Length: 153 mm	unit 10 ST , Width: 70 mm, Packaging
	28710.4 Cable entry wi IP 66, Colour: Article number 28504.4	KDS-SR-FB4/D BK th foamed-in seal, Mounting type: Scre Black Article name	4044211225575 ews, Length: 153 mm GTIN (EAN) 4044211210809	unit 10 ST a, Width: 70 mm, Packaging unit 1 ST
	28710.4 Cable entry wi IP 66, Colour: Article number 28504.4 Cable entry wi	KDS-SR-FB4/D BK th foamed-in seal, Mounting type: Scre Black Article name KDS-SR 10/24 BK	4044211225575 ews, Length: 153 mm GTIN (EAN) 4044211210809	unit 10 ST a, Width: 70 mm, Packaging unit 1 ST
	28710.4 Cable entry wi IP 66, Colour: Article number 28504.4 Cable entry wi Colour: Black	KDS-SR-FB4/D BK th foamed-in seal, Mounting type: Scre Black Article name KDS-SR 10/24 BK th TPE seal, Mounting type: Screws, L	4044211225575 ews, Length: 153 mm GTIN (EAN) 4044211210809 Length: 81 mm, Width	unit 10 ST 1, Width: 70 mm, Packaging unit 1 ST 1: 64 mm, IP 66, Packaging
•,**	28710.4 Cable entry wi IP 66, Colour: Article number 28504.4 Cable entry wi Colour: Black Article number 28880.4	KDS-SR-FB4/D BK th foamed-in seal, Mounting type: Scree Black Article name KDS-SR 10/24 BK th TPE seal, Mounting type: Screws, L Article name KDSI-SR 1-4 BK th TPE seal, Mounting type: Screws, L	4044211225575 ews, Length: 153 mm GTIN (EAN) 4044211210809 Length: 81 mm, Width GTIN (EAN) 4044211243807	unit 10 ST 10 ST 1, Width: 70 mm, Packaging unit 1 ST 1 ST 1 ST 1 ST
	28710.4 Cable entry wi IP 66, Colour: Article number 28504.4 Cable entry wi Colour: Black Article number 28880.4 Cable entry wi	KDS-SR-FB4/D BK th foamed-in seal, Mounting type: Scree Black Article name KDS-SR 10/24 BK th TPE seal, Mounting type: Screws, L Article name KDSI-SR 1-4 BK th TPE seal, Mounting type: Screws, L	4044211225575 ews, Length: 153 mm GTIN (EAN) 4044211210809 Length: 81 mm, Width GTIN (EAN) 4044211243807	unit 10 ST 10 ST width: 70 mm, Packaging unit 1 ST 1 ST 1 ST 1 ST 1 ST



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

Cable entry set, IP66, Consisting of: 1 x KDS-SR 1-4 BK, 1 x KDS-Inlay 4 BK

•	Article number	Article name	GTIN (EAN)	Packaging unit
	28602.4	KDS-Set 1-4 BK	4044211216184	1 ST



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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

Cable entry with TPE seal, Mounting type: Screws, Length: 81 mm, Width: 64 mm, IP 66, Colour: Black

Article number	Article name	GTIN (EAN)	Packaging unit
28880.4	KDSI-SR 1-4 BK	4044211243807	1 ST

Cable entry set, IP66, Consisting of: 1 x KDS-SR 1-4 BK, 1 x KDS-Inlay 4 BK

	Article number	Article name	GTIN (EAN)	Packaging unit
J	28602.4	KDS-Set 1-4 BK	4044211216184	1 ST

Cable entry set, IP66, Consis	sting of: 1 x KDSI-SR 1-4 BK, 1 x KDS-Inlay 4 I	BK
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Article number	Article name	GTIN (EAN)	Packaging unit
28890.4	KDSI-SET 1-4 BK	4044211242152	1 ST

Cable entry set, IP66, Consisting of: 1 x KDS-SR 8/16, 1 x KDS-Inlay 1, 2 x KDS-Inlay 4

Η.	Article number	Article name	GTIN (EAN)	Packaging unit
	28604.4	KDS-Set 8/16 BK	4044211216207	1 ST

Cable entry set, IP66, Consisting of: 1 x KDS-SR 1-4 BK, 1 x KDS-Inlay 4 BK
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 Article number	Article name	GTIN (EAN)	Packaging unit
28602.4	KDS-Set 1-4 BK	4044211216184	1 ST



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

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 with TPE seal, Mounting type: Screws, Length: 106 mm, Width: 64 mm, IP 66, Colour: Black



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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: 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 KDS-SR 6/10, 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 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 numberArticle nameGTIN (EAN)Packaging<br/>unit28892.4KDSI-SET 8/16 BK40442112421761 ST

Cable entry with TPE seal, Mounting type: Screws, Length: 81 mm, Width: 64 mm, IP 66, Colour: Black

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	Article number	Article name	GTIN (EAN)	Packaging unit
	28880.4	KDSI-SR 1-4 BK	4044211243807	1 ST



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

Cable entry with TPE seal, Mounting type: Screws, Length: 126 mm, Width: 64 mm, IP66, Colour: Black

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	Article number	Article name	GTIN (EAN)	Packaging unit	
	28882.4	KDSI-SR 8/16 BK	4044211242091	1 ST	
	Cable entry wi 66, Colour: Bla	th TPE seal, Mounting type: Screws, ack	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 se	t, IP66, Consisting of: 1 x KDSI-SR 1	I-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	Cable entry set, IP66, Consisting of: 1xKDSI-SR 6/10, 1xKDS-Inlay 2, 1xKDS-Inlay 6			
	Article number	Article name	GTIN (EAN)	Packaging unit	
			4044211242169	4 OT	
	28891.4	KDSI-SET 6/10 BK	4044211242109	1 ST	
		t, IP66, Consisting of: 1xKDSI-SR 8/		151	
				Packaging unit	
	Cable entry se	t, IP66, Consisting of: 1xKDSI-SR 8/	16, 2xKDS-Inlay 4	Packaging	
	Cable entry se	t, IP66, Consisting of: 1xKDSI-SR 8/ Article name	16, 2xKDS-Inlay 4 GTIN (EAN) 4044211242176	Packaging unit 1 ST	
	Cable entry se	t, IP66, Consisting of: 1xKDSI-SR 8/ Article name KDSI-SET 8/16 BK	16, 2xKDS-Inlay 4 GTIN (EAN) 4044211242176	Packaging unit 1 ST y 2,4,6	
	Cable entry se Article number 28892.4 Cable entry se	t, IP66, Consisting of: 1xKDSI-SR 8/ Article name KDSI-SET 8/16 BK t, IP66, Consisting of: 1xKDSI-SR 10	16, 2xKDS-Inlay 4 GTIN (EAN) 4044211242176 D/24, each 1xKDS-Inla	Packaging unit 1 ST y 2,4,6 Packaging	
	Cable entry se Article number 28892.4 Cable entry se Article number 28893.4	t, IP66, Consisting of: 1xKDSI-SR 8/ Article name KDSI-SET 8/16 BK t, IP66, Consisting of: 1xKDSI-SR 10 Article name KDSI-SET 10/24 BK th TPE seal, Mounting type: Screws,	16, 2xKDS-Inlay 4 GTIN (EAN) 4044211242176 D/24, each 1xKDS-Inla GTIN (EAN) 4044211242183	Packaging unit 1 ST y 2,4,6 Packaging unit 1 ST	
	Cable entry se Article number 28892.4 Cable entry se Article number 28893.4 Cable entry wi	t, IP66, Consisting of: 1xKDSI-SR 8/ Article name KDSI-SET 8/16 BK t, IP66, Consisting of: 1xKDSI-SR 10 Article name KDSI-SET 10/24 BK th TPE seal, Mounting type: Screws,	16, 2xKDS-Inlay 4 GTIN (EAN) 4044211242176 D/24, each 1xKDS-Inla GTIN (EAN) 4044211242183	Packaging unit 1 ST y 2,4,6 Packaging unit 1 ST	