



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

#### **RAL:** 7032

### **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	$\checkmark$
Silicone-free	$\checkmark$
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 Type	1, 12, 4x (indoor use only)
Number of wires	1
Environmental Product Compliance	
REACH Conform	yes
REACH Reference date	2022-06-10
REACH Candidate Substance Note	No
RoHS Conform	yes



### Approvals

Standards and regulations	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
	28517.4	KDS-Inlay 2 BK	4044211210854	5 ST
0	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 fr	ame, Length: 80 mm, Height: 1	1.5 mm, Colour: Black	
Article number	Article name	GTIN (EAN)	Packaging unit
28507.4	KDS-IVR 1-4 BK	4044211210830	10 ST
Inner locking fr	ame, Length: 105 mm, Height:	11.5 mm, Colour: Black	
Article number	Article name	GTIN (EAN)	Packaging unit
			unit
28501.4	KDS-IVR 6/10 BK	4044211210779	10 ST
	KDS-IVR 6/10 BK rame, Length: 125 mm, Height:		
Inner locking fr	ame, Length: 125 mm, Height:	11.5 mm, Colour: Black	10 ST Packaging
Inner locking fr Article number 28503.4	ame, Length: 125 mm, Height: Article name	11.5 mm, Colour: Black GTIN (EAN) 4044211210793	10 ST Packaging unit
Inner locking fr Article number 28503.4	rame, Length: 125 mm, Height: Article name KDS-IVR 8/16 BK	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
-	28610.4	KDS-KV M20 BK	4044211208936	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
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
28612.4	KDS-KV M32 BK	4044211208950	10 ST

Cable entry with moulded-in seal, Mounting type: Screws, Length: 147 mm, Width: 39 mm, IP 66, Colour: Black



Article number	Article name	GTIN (EAN)	Packaging unit
28712.4	KDS-SR-FB4/F BK	4044211225599	10 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



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

	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
	Cable entry wi mm, IP 66, Co	th moulded-in seal, Mounting type: S lour: Black	Screws, Length: 120 m	m, Width: 39
	Article number	Article name	GTIN (EAN)	Packaging unit
	28704.4	KDS-SR-FB3/B BK	4044211225513	10 ST
	Cable entry wi mm, IP 66, Co	th moulded-in seal, Mounting type: S lour: Black	Screws, Length: 147 m	m, Width: 39
	Article number	Article name	GTIN (EAN)	Packaging unit
	28712.4	KDS-SR-FB4/F BK	4044211225599	10 ST
	Cable entry with moulded-in seal, Mounting type: Screws, Length: 147 mm, Width: 39 mm, IP 66, Colour: Black			m, Width: 39
	Article number	Article name		Packaging
	Article Humber	Article fidille	GTIN (EAN)	unit
	<u>28708.4</u>	KDS-SR-FB4/B BK	4044211225551	
	<u>28708.4</u>		4044211225551	unit 10 ST
S	28708.4 Thread and loo	KDS-SR-FB4/B BK	4044211225551	unit 10 ST
	28708.4 Thread and loo Black	KDS-SR-FB4/B BK cking adapter, Material: Polyamide F	4044211225551 PA 6.6, glass-fibre reinf	unit 10 ST orced, Colour: Packaging
	28708.4 Thread and loc Black Article number 28773.4	KDS-SR-FB4/B BK Cking adapter, Material: Polyamide F Article name KDS-RGA M32 BK th moulded-in seal, Mounting type: \$	4044211225551 PA 6.6, glass-fibre reinf GTIN (EAN) 4044211234539	unit 10 ST orced, Colour: Packaging unit 5 ST
	28708.4 Thread and loo Black Article number 28773.4 Cable entry wi	KDS-SR-FB4/B BK Cking adapter, Material: Polyamide F Article name KDS-RGA M32 BK th moulded-in seal, Mounting type: \$	4044211225551 PA 6.6, glass-fibre reinf GTIN (EAN) 4044211234539	unit 10 ST orced, Colour: Packaging unit 5 ST
	28708.4 Thread and loo Black Article number 28773.4 Cable entry wir mm, IP 66, Co	KDS-SR-FB4/B BK cking adapter, Material: Polyamide F Article name KDS-RGA M32 BK th moulded-in seal, Mounting type: \$ lour: Black	4044211225551 PA 6.6, glass-fibre reinf GTIN (EAN) 4044211234539 Screws, Length: 147 mi	unit 10 ST orced, Colour: Packaging unit 5 ST m, Width: 39 Packaging
	28708.4 Thread and loo Black Article number 28773.4 Cable entry wi mm, IP 66, Co Article number 28710.4	KDS-SR-FB4/B BK cking adapter, Material: Polyamide F Article name KDS-RGA M32 BK th moulded-in seal, Mounting type: S lour: Black Article name	4044211225551 PA 6.6, glass-fibre reinf GTIN (EAN) 4044211234539 Screws, Length: 147 mi GTIN (EAN) 4044211225575	unit 10 ST orced, Colour: Packaging unit 5 ST m, Width: 39 Packaging unit 10 ST
	28708.4Thread and locBlackArticle number28773.4Cable entry wi mm, IP 66, CoArticle number28710.4Thread and loc	KDS-SR-FB4/B BK cking adapter, Material: Polyamide F Article name KDS-RGA M32 BK th moulded-in seal, Mounting type: S lour: Black Article name KDS-SR-FB4/D BK	4044211225551 PA 6.6, glass-fibre reinf GTIN (EAN) 4044211234539 Screws, Length: 147 mi GTIN (EAN) 4044211225575	unit 10 ST orced, Colour: Packaging unit 5 ST m, Width: 39 Packaging unit 10 ST



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

• •	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 wit mm, IP 66, Col	h moulded-in seal, Mounting type: So our: Black	crews, 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 wit mm, IP 66, Col	h moulded-in seal, Mounting type: So our: Black	crews, Length: 147 mi	m, Width: 39	
••	Article number	Article name	GTIN (EAN)	Packaging unit	
	28708.4	KDS-SR-FB4/B BK	4044211225551	10 ST	
Cable entry set, IP66, Consisting of: 1 x KDS-SR 1-4 BK, 1 x KDS-Inlay 4 BK			BK		
	Article number	Article name	GTIN (EAN)	Packaging unit	
	28602.4	KDS-Set 1-4 BK	4044211216184	1 ST	
	20002.4				
		h moulded-in seal, Mounting type: So lour: Black	crews, Length: 147 mi		
	Cable entry wit	our: Black	crews, Length: 147 mi GTIN (EAN)		
	Cable entry wit mm, IP 66, Col	our: Black		m, Width: 39 Packaging	
	Cable entry wit mm, IP 66, Col Article number 28710.4	our: Black Article name KDS-SR-FB4/D BK ch foamed-in seal, Mounting type: Scr	<b>GTIN (EAN)</b> 4044211225575	m, Width: 39 Packaging unit 10 ST	
	Cable entry wit mm, IP 66, Col Article number 28710.4 Cable entry wit	our: Black Article name KDS-SR-FB4/D BK ch foamed-in seal, Mounting type: Scr	<b>GTIN (EAN)</b> 4044211225575	m, Width: 39 Packaging unit 10 ST	
	Cable entry wit mm, IP 66, Col Article number 28710.4 Cable entry wit IP 66, Colour: I	Article name KDS-SR-FB4/D BK th foamed-in seal, Mounting type: Scr Black	GTIN (EAN) 4044211225575 rews, Length: 153 mm	m, Width: 39 Packaging unit 10 ST n, Width: 70 mm, Packaging	
	Cable entry wit mm, IP 66, Col Article number 28710.4 Cable entry wit IP 66, Colour: I Article number 28504.4	Article name KDS-SR-FB4/D BK th foamed-in seal, Mounting type: Scr Black Article name KDS-SR 10/24 BK th foamed-in seal, Mounting type: Scr	GTIN (EAN) 4044211225575 rews, Length: 153 mm GTIN (EAN) 4044211210809	m, Width: 39 Packaging unit 10 ST N, Width: 70 mm, Packaging unit 1 ST	
	Cable entry wit mm, IP 66, Col Article number 28710.4 Cable entry wit IP 66, Colour: I Article number 28504.4 Cable entry wit	Article name KDS-SR-FB4/D BK th foamed-in seal, Mounting type: Scr Black Article name KDS-SR 10/24 BK th foamed-in seal, Mounting type: Scr	GTIN (EAN) 4044211225575 rews, Length: 153 mm GTIN (EAN) 4044211210809	m, Width: 39 Packaging unit 10 ST N, Width: 70 mm, Packaging unit 1 ST	



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



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 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

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 numberArticle nameGTIN (EAN)Packaging<br/>unit28891.4KDSI-SET 6/10 BK40442112421691 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

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, 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 n	umber Article name	GTIN (EAN)	Packaging unit
28890.4	KDSI-SET 1-4 Bł	K 4044211242152	1 ST

Cable entry set, IP66, Consisting of: 1xKDSI-SR 6/10, 1xKDS-Inlay 2, 1xKDS-Inlay 6

Article numbe	er 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

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

Article number	Article name	GTIN (EAN)	Packaging unit
28881.4	KDSI-SR 6/10 BK	4044211242084	1 ST