



Seal, Mounting type: Plug in, Length x width: 42.8 mm, Max. cable diameter: 24 mm, IP 66, Colour: Black

### **RAL:** 9005

### **Business data**

Article number	<u>28554.4</u>
Article name	KDS-DEG/K 7-24 BK
GTIN (EAN)	4044211216108
Packaging unit	10
Quantity unit	PC
Weight per piece (not including packaging)	30.4 g
Weight per piece (including packaging)	30.8 g
Unit of weight	G
Customs number	39259020
Country of origin	DE
Product description	Sealing Element
Colour	Black



### **Technical data**

Dimensions	
Length	42.8 mm
Width	42.8 mm
Height	62.7 mm
Materials	
Material	TPE
Flammability class UL 94	НВ
Working temperature, min.	-40 °C
Working temperature, max.	120 °C
Halogen-free	$\checkmark$
Silicone-free	$\checkmark$
UV-resistant	$\checkmark$
Further technical data	
Mounting type	Plug in
Degree of protection	IP66
Strain relief	$\checkmark$
Cable diameter, min.	7 mm
Cable diameter, max.	24 mm
Number of wires	1
Environmental Product Compliance	
REACH Conform	yes
REACH Reference date	2023-06-14
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

	Cable entry, Inlay, Mounting type: Plug in, IP 66, 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 66, Colou	r: Black	
	Article number	Article name	GTIN (EAN)	Packaging unit
	28517.4	KDS-Inlay 2 BK	4044211210854	5 ST
G	Cable entry, Inlay, Mounting type: Plug in, IP 66, 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 66, Colou	r: 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 wi IP 66, Colour:	th foamed-in seal, Mounting type: Scree Black	ews, Length: 126 mm	, Width: 70 mm,
••	Article number	Article name	GTIN (EAN)	Packaging unit
	28502.4	KDS-SR 8/16 BK	4044211210786	1 ST
• •	Cable entry wi IP 66, Colour:	th foamed-in seal, Mounting type: Scre Black	ews, Length: 81 mm, '	Width: 70 mm,
	Article number	Article name	GTIN (EAN)	Packaging unit
	28506.4	KDS-SR 1-4 BK	4044211210823	1 ST

### Locking frame

Inner locking frame, 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 fr	ame, Length: 105 mm, Height: 11.5 mm	, Colour: Black	
Article number	Article name	GTIN (EAN)	Packaging unit
28501.4	KDS-IVR 6/10 BK	4044211210779	10 ST
Inner locking fr	ame, Length: 125 mm, Height: 11.5 mm	, Colour: Black	
Article number	Article name	GTIN (EAN)	Packaging unit
 Article number	Article name KDS-IVR 8/16 BK	GTIN (EAN) 4044211210793	
<u>28503.4</u>		4044211210793	unit

KDS-IVR 10/24 BK

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

28505.4

4044211210816

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
28613.4	KDS-KV M40 BK	4044211208967	5 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
28614.4	KDS-KV M50 BK	4044211208974	5 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
28615.4	KDS-KV M63 BK	4044211208981	5 ST

#### Inner locking frame, Length: 125 mm, Height: 11.5 mm, Colour: Black

j	Article number	Article name	GTIN (EAN)	Packaging unit
	28503.4	KDS-IVR 8/16 BK	4044211210793	10 ST



Inner locking frame, 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 frame, Length: 105 mm, Height: 11.5 mm, Colour: Black

•	Article number	Article name	GTIN (EAN)	Packaging unit
	28501.4	KDS-IVR 6/10 BK	4044211210779	10 ST



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

Article number	Article name	GTIN (EAN)	Packaging unit
28774.4	KDS-R 40-63 BK	4044211234546	5 ST



Article number	Article name	GTIN (EAN)	Packaging unit	
28602.4	KDS-Set 1-4 BK	4044211216184	1 ST	
Thread and loo Black	cking adapter, Material: Polyamide	PA 6.6, glass-fibre reinf	orced, Colour:	
Article number	Article name	GTIN (EAN)	Packaging unit	
28777.4	KDS-RGA M63 BK	4044211234577	5 ST	
Inner locking f	rame, 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	
Cable entry, Inlay, Mounting type: Plug in, IP 66, Colour: Black				
Article number	Article name	GTIN (EAN)	Packaging unit	
28518.4	KDS-Inlay 4 BK	4044211210861	5 ST	
Cable entry se	t, IP66, Consisting of: 1 x KDS-SR	6/10, 1 x KDS-Inlay 2, 1	. x KDS-Inlay	
			Packaging	
Article number	Article name	GTIN (EAN)	unit	
Article number 28603.4	Article name KDS-Set 6/10 BK	4044211216191	1 ST	
28603.4		4044211216191		
28603.4	KDS-Set 6/10 BK	4044211216191		
28603.4 Inner locking f	KDS-Set 6/10 BK rame, Length: 152 mm, Height: 11.	4044211216191 5 mm, Colour: Black	1 ST Packaging	
28603.4 Inner locking fr Article number 28505.4	KDS-Set 6/10 BK rame, Length: 152 mm, Height: 11.4 <b>Article name</b> KDS-IVR 10/24 BK th TPE seal, Mounting type: Screws	4044211216191 5 mm, Colour: Black GTIN (EAN) 4044211210816	1 ST Packaging unit 10 ST	
28603.4 Inner locking fr Article number 28505.4 Cable entry wi	KDS-Set 6/10 BK rame, Length: 152 mm, Height: 11.4 <b>Article name</b> KDS-IVR 10/24 BK th TPE seal, Mounting type: Screws	4044211216191 5 mm, Colour: Black GTIN (EAN) 4044211210816	1 ST Packaging unit 10 ST	



Article numberArticle nameGTIN (EAN)Packaging unit28891.4KDSI-SET 6/10 BK40442112421691 ST28891.4KDSI-SET 6/10 BK40442112421691 STCable entry set, IP66, Consisting of: 1 x KDS-SR 10/24, 1 each of KDS-InIay 24,6Article numberArticle nameArticle numberArticle nameGTIN (EAN)Packaging unit28005.4KDS-Set 10/24 BK40442112162141 STCable entry, InIay, Mounting type: Plug in, IP 66, Colour: BlackArticle numberArticle nameArticle numberArticle nameGTIN (EAN)Packaging unit28519.4KDS-Inlay 6 BK40442112100145 STCable entry with foamed-in seal, Mounting type: Screws, Length: 81 mm, Width: 70 mm IP 66, Colour: BlackSTArticle numberArticle nameGTIN (EAN)Packaging unit28506.4KDS-SR 1-4 BK40442112108231 STCable entry set, IP66, Consisting of: 1xKDSI-SR 8/16, 2xKDS-Inlay 41 ST
Cable entry set, IP66, Consisting of: 1 x KDS-SR 10/24, 1 each of KDS-Inlay 2,4,6     Article number   Article name   GTIN (EAN)   Packaging unit     28605.4   KDS-Set 10/24 BK   4044211216214   1 ST     Cable entry, Inlay, Mounting type: Plug in, IP 66, Colour: Black   Article number   Article name   GTIN (EAN)   Packaging unit     28519.4   KDS-Inlay 6 BK   4044211210014   5 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
Article numberArticle nameGTIN (EAN)Packaging unit28605.4KDS-Set 10/24 BK40442112162141 ST28605.4KDS-Set 10/24 BK40442112162141 STCable entry, Inlay, Mounting type: Plug in, IP 66, Colour: BlackArticle numberArticle nameGTIN (EAN)Packaging unit28519.4KDS-Inlay 6 BK40442112100145 STCable entry with foamed-in seal, Mounting type: Screws, Length: 81 mm, Width: 70 mm IP 66, Colour: BlackArticle numberArticle nameGTIN (EAN)Packaging unitCable entry with foamed-in seal, Mounting type: Screws, Length: 81 mm, Width: 70 mm IP 66, Colour: BlackArticle numberArticle nameGTIN (EAN)Packaging unit28506.4KDS-SR 1-4 BK40442112108231 ST
Article number   Article name   GTIN (EAN)   unit     28605.4   KDS-Set 10/24 BK   4044211216214   1 ST     Cable entry, InIay, Mounting type: Plug in, IP 66, Colour: Black   Article number   Article name   GTIN (EAN)   Packaging unit     28519.4   KDS-Inlay 6 BK   4044211210014   5 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, InIay, Mounting type: Plug in, IP 66, Colour: Black     Article number   Article name   GTIN (EAN)   Packaging unit     28519.4   KDS-Inlay 6 BK   4044211210014   5 ST     Cable entry with foamed-in seal, Mounting type: Screws, Length: 81 mm, Width: 70 mr   IP 66, Colour: Black     Article number   Article name   GTIN (EAN)   Packaging unit     28506.4   KDS-SR 1-4 BK   4044211210823   1 ST
Article numberArticle nameGTIN (EAN)Packaging unit28519.4KDS-Inlay 6 BK40442112100145 STCable entry with foamed-in seal, Mounting type: Screws, Length: 81 mm, Width: 70 mr IP 66, Colour: BlackArticle numberArticle nameGTIN (EAN)Packaging unit28506.4KDS-SR 1-4 BK40442112108231 ST
Article numberArticle nameGTIN (EAN)unit28519.4KDS-Inlay 6 BK40442112100145 STCable entry with foamed-in seal, Mounting type: Screws, Length: 81 mm, Width: 70 mr IP 66, Colour: BlackArticle numberArticle nameGTIN (EAN)Packaging unit28506.4KDS-SR 1-4 BK40442112108231 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
IP 66, Colour: Black GTIN (EAN) Packaging unit   28506.4 KDS-SR 1-4 BK 4044211210823 1 ST
Article number     Article name     GTIN (EAN)     unit       28506.4     KDS-SR 1-4 BK     4044211210823     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 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: 126 mm, Width: 64 mm, IP 66, Colour: Black
Article number Article name GTIN (EAN) Packaging unit



Article number	Article name	GTIN (EAN)	Packaging	
28890.4	KDSI-SET 1-4 BK	4044211242152	unit 1 ST	
 	t, 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 se	t, 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 8/16, 2xKDS-Inlay 4				
Article number	Article name	GTIN (EAN)	Packaging unit	
28892.4	KDSI-SET 8/16 BK	4044211242176		
		4044211242170	1 ST	
 	th TPE seal, Mounting type: Screw			
Cable entry wi	th TPE seal, Mounting type: Screw			
Cable entry wi 66, Colour: Bla	th TPE seal, Mounting type: Screw ack	vs, Length: 106 mm, Wid	th: 64 mm, IP Packaging	
Cable entry wi 66, Colour: Bla Article number 28881.4	th TPE seal, Mounting type: Screw ack <b>Article name</b> KDSI-SR 6/10 BK th TPE seal, Mounting type: Screw	vs, Length: 106 mm, Wid GTIN (EAN) 4044211242084	th: 64 mm, IP Packaging unit 1 ST	
Cable entry wi 66, Colour: Bla Article number 28881.4 Cable entry wi	th TPE seal, Mounting type: Screw ack <b>Article name</b> KDSI-SR 6/10 BK th TPE seal, Mounting type: Screw	vs, Length: 106 mm, Wid GTIN (EAN) 4044211242084	th: 64 mm, IP Packaging unit 1 ST th: 64 mm, IP	
Cable entry wi 66, Colour: Bla Article number 28881.4 Cable entry wi 66, Colour: Bla	th TPE seal, Mounting type: Screw ack Article name KDSI-SR 6/10 BK th TPE seal, Mounting type: Screw ack	vs, Length: 106 mm, Wid GTIN (EAN) 4044211242084 vs, Length: 106 mm, Wid	th: 64 mm, IP Packaging unit 1 ST th: 64 mm, IP Packaging	
Cable entry wi 66, Colour: Bla Article number 28881.4 Cable entry wi 66, Colour: Bla Article number 28881.4	th TPE seal, Mounting type: Screw ack Article name KDSI-SR 6/10 BK th TPE seal, Mounting type: Screw ack Article name KDSI-SR 6/10 BK th TPE seal, Mounting type: Screw	vs, Length: 106 mm, Wid GTIN (EAN) 4044211242084 vs, Length: 106 mm, Wid GTIN (EAN) 4044211242084	th: 64 mm, IP Packaging unit 1 ST th: 64 mm, IP Packaging unit 1 ST	
Cable entry wi 66, Colour: Bla Article number 28881.4 Cable entry wi 66, Colour: Bla Article number 28881.4 Cable entry wi	th TPE seal, Mounting type: Screw ack Article name KDSI-SR 6/10 BK th TPE seal, Mounting type: Screw ack Article name KDSI-SR 6/10 BK th TPE seal, Mounting type: Screw	vs, Length: 106 mm, Wid GTIN (EAN) 4044211242084 vs, Length: 106 mm, Wid GTIN (EAN) 4044211242084	th: 64 mm, IP Packaging unit 1 ST th: 64 mm, IP Packaging unit 1 ST	



	Cable entry se	able 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 se	t, IP66, Consisting of: 1xKDSI-SR 6/10	), 1xKDS-Inlay 2, 1xK	DS-Inlay 6	
	Article number	Article name	GTIN (EAN)	Packaging unit	
	28891.4	KDSI-SET 6/10 BK	4044211242169	1 ST	
No Con-	Cable entry se	t, IP66, Consisting of: 1xKDSI-SR 8/16	6, 2xKDS-Inlay 4		
	Article number	Article name	GTIN (EAN)	Packaging unit	
	28892.4	KDSI-SET 8/16 BK	4044211242176	1 ST	
	Cable entry se	t, IP66, Consisting of: 1xKDSI-SR 10/2	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 wit 66, Colour: Bla	th TPE seal, Mounting type: Screws, L lick	ength: 106 mm, Widtł	n: 64 mm, IP	
	Article number	Article name	GTIN (EAN)	Packaging unit	

28881.4

KDSI-SR 6/10 BK

4044211242084

1 ST