



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	28554.4
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
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, Humidit B, Ingress protection: IP66		
DNV GL approval granted 1		



Media





Accessories

Article number Article name GTIN (EAN) unit 28516.4 KDS-Inlay 1 BK 4044211210847 5 ST Cable entry, Inlay, 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, Inlay, Mounting type: Plug in, IP 66, Colour: Black Fackaging unit 28517.4 KDS-Inlay 2 BK 4044211210854 5 ST Cable entry, Inlay, Mounting type: Plug in, IP 66, Colour: Black Fackaging unit Fackaging unit 28518.4 KDS-Inlay 4 BK 4044211210861 5 ST Cable entry, Inlay, Mounting type: Plug in, IP 66, Colour: Black Fackaging unit 28518.4 KDS-Inlay 4 BK 4044211210861 5 ST Cable entry, Inlay, Mounting type: Plug in, IP 66, Colour: Black ST ST	Inlays				
Article number Article name GTIN (EAN) unit 28516.4 KDS-Inlay 1 BK 4044211210847 5 ST Cable entry, Inlay, Mounting type: Plug in, IP 66, Colour: Black Packaging unit 28517.4 KDS-Inlay 2 BK 4044211210854 5 ST Cable entry, Inlay, Mounting type: Plug in, IP 66, Colour: Black Packaging unit 5 ST Cable entry, Inlay, Mounting type: Plug in, IP 66, Colour: Black 5 ST 5 ST Cable entry, Inlay, Mounting type: Plug in, IP 66, Colour: Black 5 ST Cable entry, Inlay, Mounting type: Plug in, IP 66, Colour: Black Packaging unit 28518.4 KDS-Inlay 4 BK 4044211210861 5 ST Cable entry, Inlay, Mounting type: Plug in, IP 66, Colour: Black 5 ST 5 ST Cable entry, Inlay, Mounting type: Plug in, IP 66, Colour: Black 5 ST 5 ST Cable entry, Inlay, Mounting type: Plug in, IP 66, Colour: Black 5 ST 5 ST Cable entry, Inlay, Mounting type: Plug in, IP 66, Colour: Black 5 ST 5 ST		Cable entry, In	lay, Mounting type: Plug in, IP 66	, Colour: Black	
Cable entry, Inlay, 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, Inlay, Mounting type: Plug in, IP 66, Colour: Black Packaging unit Article number Article name GTIN (EAN) Packaging unit 28517.4 KDS-Inlay 2 BK 4044211210854 5 ST Cable entry, Inlay, Mounting type: Plug in, IP 66, Colour: Black Packaging unit 28518.4 KDS-Inlay 4 BK 4044211210861 5 ST Cable entry, Inlay, Mounting type: Plug in, IP 66, Colour: Black Packaging unit Cable entry, Inlay, Mounting type: Plug in, IP 66, Colour: Black ST Cable entry, Inlay, Mounting type: Plug in, IP 66, Colour: Black ST Cable entry, Inlay, Mounting type: Plug in, IP 66, Colour: Black Packaging unit		Article number	Article name	GTIN (EAN)	Packaging unit
Article number Article name GTIN (EAN) Packaging unit 28517.4 KDS-Inlay 2 BK 4044211210854 5 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, Inlay, Mounting type: Plug in, IP 66, Colour: Black Packaging unit 28518.4 KDS-Inlay 4 BK 4044211210861 5 ST Cable entry, Inlay, Mounting type: Plug in, IP 66, Colour: Black ST Packaging unit Article number Article name GTIN (EAN) Packaging unit Quit Z8518.4 KDS-Inlay 4 BK 4044211210861 5 ST		28516.4	KDS-Inlay 1 BK	4044211210847	5 ST
Article number Article name GTIN (EAN) unit 28517.4 KDS-Inlay 2 BK 4044211210854 5 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, Inlay, Mounting type: Plug in, IP 66, Colour: Black Fackaging unit Cable entry, Inlay, Mounting type: Plug in, IP 66, Colour: Black Fackaging unit Article number Article name GTIN (EAN) Packaging unit		Cable entry, In	lay, Mounting type: Plug in, IP 66	, Colour: Black	
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, Inlay, Mounting type: Plug in, IP 66, Colour: Black Cable entry, Inlay, Mounting type: Plug in, IP 66, Colour: Black Article number Article name GTIN (EAN) Packaging unit Mathematical entry, Inlay, Mounting type: Plug in, IP 66, Colour: Black Fackaging unit Fackaging unit		Article number	Article name	GTIN (EAN)	Packaging unit
Article number Article name GTIN (EAN) Packaging unit 28518.4 KDS-Inlay 4 BK 4044211210861 5 ST Cable entry, Inlay, Mounting type: Plug in, IP 66, Colour: Black Cable entry, Inlay, Mounting type: Plug in, IP 66, Colour: Black Packaging unit Article number Article name GTIN (EAN) Packaging unit		28517.4	KDS-Inlay 2 BK	4044211210854	5 ST
Article number Article name GTIN (EAN) unit 28518.4 KDS-Inlay 4 BK 4044211210861 5 ST Cable entry, Inlay, Mounting type: Plug in, IP 66, Colour: Black Cable entry, Inlay, Mounting type: Plug in, IP 66, Colour: Black Packaging unit Article number Article name GTIN (EAN) Packaging unit		Cable entry, In	lay, Mounting type: Plug in, IP 66	s, Colour: Black	
Cable entry, Inlay, Mounting type: Plug in, IP 66, Colour: Black Article number Article name GTIN (EAN) Packaging unit		Article number	Article name	GTIN (EAN)	Packaging unit
Article number Article name GTIN (EAN) Packaging unit	I	28518.4	KDS-Inlay 4 BK	4044211210861	5 ST
Article number Article name GTIN (EAN) unit	11	Cable entry, In	lay, Mounting type: Plug in, IP 66	, Colour: Black	
<u>28519.4</u> KDS-Inlay 6 BK 4044211210014 5 ST		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

per Article name	GTIN (EAN)	Packaging
		unit
KDS-IVR 1-4 BK	4044211210830	10 ST
ng frame, Length: 105 mm, Heig	ght: 11.5 mm, Colour: Black	
per Article name	GTIN (EAN)	Packaging unit
KDS-IVR 6/10 BK	4044211210779	10 ST
ng frame, Length: 125 mm, Heig	ght: 11.5 mm, Colour: Black	
per Article name	GTIN (EAN)	Packaging unit
KDS-IVR 8/16 BK	4044211210793	10 ST
ng frame, Length: 152 mm, Heig	ght: 11.5 mm, Colour: Black	
per Article name	GTIN (EAN)	Packaging unit
KDS-IVR 10/24 BK	4044211210816	10 ST
	ber Article name KDS-IVR 6/10 BK ng frame, Length: 125 mm, Heig ber Article name KDS-IVR 8/16 BK ng frame, Length: 152 mm, Heig ber Article name	KDS-IVR 6/10 BK 4044211210779 ng frame, Length: 125 mm, Height: 11.5 mm, Colour: Black ber Article name KDS-IVR 8/16 BK 4044211210793 ng frame, Length: 152 mm, Height: 11.5 mm, Colour: Black ber Article name GTIN (EAN) KDS-IVR 8/16 BK 4044211210793 Ing frame, Length: 152 mm, Height: 11.5 mm, Colour: Black ber Article name GTIN (EAN)

##INVERSE##CONTA-CABLE



$\mathbf{\cap}$	Thread and locking adapter, Material: Polyamide PA 6.6, glass-fibre reinforced, Colour Black				
	Article number	Article name	GTIN (EAN)	Packaging unit	
	28776.4	KDS-RGA M50 BK	4044211234560	5 ST	
	Split cable glaı IP 66, Colour:	nd including counter nut, Thread type Black	e: metric, Material: PA	6.6, Protection:	
27	Article number	Article name	GTIN (EAN)	Packaging unit	
	28614.4	KDS-KV M50 BK	4044211208974	5 ST	
	Split cable glar IP 66, Colour:	nd including counter nut, Thread type Black	e: metric, Material: PA	6.6, Protection:	
5	Article number	Article name	GTIN (EAN)	Packaging unit	
	28615.4	KDS-KV M63 BK	4044211208981	5 ST	
	Cable entry, Inlay, Mounting type: Plug in, IP 66, Colour: Black				
0					
	Article number	Article name	GTIN (EAN)	Packaging unit	
	Article number 28516.4	Article name KDS-Inlay 1 BK	GTIN (EAN) 4044211210847		
	28516.4	KDS-Inlay 1 BK th foamed-in seal, Mounting type: So	4044211210847	unit 5 ST	
	28516.4 Cable entry wi	KDS-Inlay 1 BK th foamed-in seal, Mounting type: So Black	4044211210847	unit 5 ST	
	28516.4 Cable entry wi IP 66, Colour:	KDS-Inlay 1 BK th foamed-in seal, Mounting type: So Black	4044211210847 crews, Length: 153 mm	unit 5 ST n, Width: 70 mm, Packaging	
	28516.4 Cable entry wi IP 66, Colour: Article number 28504.4	KDS-Inlay 1 BK th foamed-in seal, Mounting type: So Black Article name	4044211210847 crews, Length: 153 mm GTIN (EAN) 4044211210809	unit 5 ST n, Width: 70 mm, Packaging unit	
	28516.4 Cable entry wi IP 66, Colour: Article number 28504.4	KDS-Inlay 1 BK th foamed-in seal, Mounting type: So Black Article name KDS-SR 10/24 BK	4044211210847 crews, Length: 153 mm GTIN (EAN) 4044211210809	unit 5 ST n, Width: 70 mm, Packaging unit	
	28516.4 Cable entry wi IP 66, Colour: Article number 28504.4 Cable entry, In	KDS-Inlay 1 BK th foamed-in seal, Mounting type: So Black Article name KDS-SR 10/24 BK	4044211210847 crews, Length: 153 mm GTIN (EAN) 4044211210809 olour: Black	unit 5 ST n, Width: 70 mm, Packaging unit 1 ST Packaging	
	28516.4 Cable entry wir IP 66, Colour: Article number 28504.4 Cable entry, In Article number 28518.4	KDS-Inlay 1 BK th foamed-in seal, Mounting type: So Black Article name KDS-SR 10/24 BK Ilay, Mounting type: Plug in, IP 66, C Article name	4044211210847 crews, Length: 153 mm GTIN (EAN) 4044211210809 olour: Black GTIN (EAN) 4044211210861	unit 5 ST h, Width: 70 mm, Packaging unit 1 ST Packaging unit 5 ST	
	28516.4 Cable entry wir IP 66, Colour: Article number 28504.4 Cable entry, In Article number 28518.4	KDS-Inlay 1 BK th foamed-in seal, Mounting type: So Black Article name KDS-SR 10/24 BK Ilay, Mounting type: Plug in, IP 66, C Article name KDS-Inlay 4 BK	4044211210847 crews, Length: 153 mm GTIN (EAN) 4044211210809 olour: Black GTIN (EAN) 4044211210861	unit 5 ST h, Width: 70 mm, Packaging unit 1 ST Packaging unit 5 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	
	28602.4	KDS-Set 1-4 BK	4044211216184	1 ST	
	Thread and lo Black	cking adapter, Material: Polyamide F	PA 6.6, glass-fibre reinf	orced, Colour:	
\mathbf{V}	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 r	mm, Colour: Black		
	Article number	Article name	GTIN (EAN)	Packaging unit	
	28507.4	KDS-IVR 1-4 BK	4044211210830	10 ST	
c	Cable entry, Ir	nlay, Mounting type: Plug in, IP 66, C	Colour: Black		
	Article number	Article name	GTIN (EAN)	Packaging unit	
Ŧ	28518.4	KDS-Inlay 4 BK	4044211210861	5 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	
	Inner locking f	rame, Length: 152 mm, Height: 11.5	mm, Colour: Black		
	Article number	Article name	GTIN (EAN)	Packaging unit	
	28505.4	KDS-IVR 10/24 BK	4044211210816	10 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	et, IP66, Consisting of: 1xKDSI-SR 6/	/10, 1xKDS-Inlay 2, 1x	KDS-Inlay 6	
	Article number	Article name	GTIN (EAN)	Packaging unit	

28891.4

KDSI-SET 6/10 BK

4044211242169

1 ST



-	Article number	Article name	GTIN (EAN)	Packaging unit
	Cable entry with 66, Colour: Bla	h TPE seal, Mounting type: Scre ck	ws, Length: 153 mm, Wid	th: 64 mm, IP
	28882.4	KDSI-SR 8/16 BK	4044211242091	1 ST
- Aller	Article number	Article name	GTIN (EAN)	Packaging unit
	Cable entry with 66, Colour: Blac	h TPE seal, Mounting type: Scre ck	ws, Length: 126 mm, Wid	th: 64 mm, IP
	28881.4	KDSI-SR 6/10 BK	4044211242084	1 ST
	Article number	Article name	GTIN (EAN)	Packaging unit
	Cable entry with TPE seal, Mounting type: Screws, Length: 106 mm, Width: 64 mm, IP 66, Colour: Black			
	28892.4	KDSI-SET 8/16 BK	4044211242176	1 ST
	Article number	Article name	GTIN (EAN)	Packaging unit
	Cable entry set	, IP66, Consisting of: 1xKDSI-SF	R 8/16, 2xKDS-Inlay 4	
	<u>28891.4</u>	KDSI-SET 6/10 BK	4044211242169	1 ST
	Article number	Article name	GTIN (EAN)	Packaging unit
	Cable entry set	, IP66, Consisting of: 1xKDSI-SF	R 6/10, 1xKDS-Inlay 2, 1xl	KDS-Inlay 6
- •	<u>28519.4</u>	KDS-Inlay 6 BK	4044211210014	5 ST
	Article number	Article name	GTIN (EAN)	Packaging unit
	Cable entry, Inl	ay, Mounting type: Plug in, IP 66	s, Colour: Black	
	28605.4	KDS-Set 10/24 BK	4044211216214	1 ST
				unit
• • • • • • • • • • • • • • • • • • • •	Article number	Article name	GTIN (EAN)	Packaging



	Cable entry se	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		
N.	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 se	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: 106 mm, Width: 64 mm, IP66, Colour: BlackArticle numberArticle nameGTIN (EAN)Packaging unit					
	66, Colour: Bla	ack		Packaging		
	66, Colour: Bla	ack				
	66, Colour: Bla Article number 28881.4	Article name KDSI-SR 6/10 BK th TPE seal, Mounting type: Screw	GTIN (EAN) 4044211242084	Packaging unit 1 ST th: 64 mm, IP		
	66, Colour: Bla Article number 28881.4 Cable entry wi 66, Colour: Bla	Article name KDSI-SR 6/10 BK th TPE seal, Mounting type: Screw	GTIN (EAN) 4044211242084 rs, Length: 106 mm, Wid	Packaging unit 1 ST th: 64 mm, IP Packaging		
	66, Colour: Bla Article number 28881.4 Cable entry wi 66, Colour: Bla Article number 28881.4	Article name KDSI-SR 6/10 BK th TPE seal, Mounting type: Screw Article name KDSI-SR 6/10 BK th TPE seal, Mounting type: Screw	GTIN (EAN) 4044211242084 rs, Length: 106 mm, Wid GTIN (EAN) 4044211242084	Packaging unit 1 ST th: 64 mm, IP Packaging unit 1 ST		
	66, Colour: Bla Article number 28881.4 Cable entry wi 66, Colour: Bla Article number 28881.4 Cable entry wi	Article name KDSI-SR 6/10 BK th TPE seal, Mounting type: Screw Article name KDSI-SR 6/10 BK th TPE seal, Mounting type: Screw	GTIN (EAN) 4044211242084 rs, Length: 106 mm, Wid GTIN (EAN) 4044211242084	Packaging unit 1 ST th: 64 mm, IP Packaging unit 1 ST		
	66, Colour: Bla Article number 28881.4 Cable entry wi 66, Colour: Bla Article number 28881.4 Cable entry wi 66, Colour: Bla	Article name KDSI-SR 6/10 BK th TPE seal, Mounting type: Screw Article name KDSI-SR 6/10 BK th TPE seal, Mounting type: Screw ack	GTIN (EAN) 4044211242084 rs, Length: 106 mm, Wid GTIN (EAN) 4044211242084 rs, Length: 153 mm, Wid	Packaging unit 1 ST th: 64 mm, IP Packaging unit 1 ST th: 64 mm, IP Packaging		
	66, Colour: Bla Article number 28881.4 Cable entry wi 66, Colour: Bla Article number 28881.4 Cable entry wi 66, Colour: Bla Article number 28883.4	Article name KDSI-SR 6/10 BK th TPE seal, Mounting type: Screw Article name KDSI-SR 6/10 BK th TPE seal, Mounting type: Screw Article name	GTIN (EAN) 4044211242084 rs, Length: 106 mm, Wid GTIN (EAN) 4044211242084 rs, Length: 153 mm, Wid GTIN (EAN) 4044211242107	Packaging unit 1 ST th: 64 mm, IP Packaging unit 1 ST th: 64 mm, IP Packaging unit 1 ST		
	66, Colour: Bla Article number 28881.4 Cable entry wi 66, Colour: Bla Article number 28881.4 Cable entry wi 66, Colour: Bla Article number 28883.4	Article name KDSI-SR 6/10 BK th TPE seal, Mounting type: Screw Article name KDSI-SR 6/10 BK th TPE seal, Mounting type: Screw Article name KDSI-SR 10/24 BK	GTIN (EAN) 4044211242084 rs, Length: 106 mm, Wid GTIN (EAN) 4044211242084 rs, Length: 153 mm, Wid GTIN (EAN) 4044211242107	Packaging unit 1 ST th: 64 mm, IP Packaging unit 1 ST th: 64 mm, IP Packaging unit 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	
	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	