



Seal, Mounting type: Plug in, Length x width: 42.8 mm, Max. cable diameter: 28 mm, IP 66, Colour: Black

RAL: 9005

Business data

Article number	28548.4
Article name	KDS-DEG 27-28 BK
GTIN (EAN)	4044211215514
Packaging unit	10
Quantity unit	PC
Weight per piece (not including packaging)	22.1 g
Weight per piece (including packaging)	22.5 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	17.7 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.	27 mm
Cable diameter, max.	28 mm
NEMA Туре	1, 12, 4x (indoor use only)
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
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 66, Colou	ır: 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	ır: 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, Colou	ır: Black	
	Article number	Article name	GTIN (EAN)	Packaging unit
Ŧ	28518.4	KDS-Inlay 4 BK	4044211210861	5 ST
	Cable entry, In	lay, Mounting type: Plug in, IP 66, Colou	ır: 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: Scre 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 fra	ame, Length: 80 mm, Height: 11.5 mm, C	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 28503.4	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 number Article name		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

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

Article number	Article name	GTIN (EAN)	Packaging unit
28518.4	KDS-Inlay 4 BK	4044211210861	5 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

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



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



	Black			
	Article number	Article name	GTIN (EAN)	Packaging unit
	28775.4	KDS-RGA M40 BK	4044211234553	5 ST
• •	Cable entry wi IP 66, Colour:	th foamed-in seal, Mounting type: Black	Screws, Length: 106 mm	ı, Width: 70 m
••	Article number	Article name	GTIN (EAN)	Packaging unit
	28500.4	KDS-SR 6/10 BK	4044211210021	1 ST
0	Cable entry, Ir	ılay, 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
	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
	Inner locking f	rame, Length: 125 mm, Height: 11	5 mm, Colour: Black	
	Article number	Article name	GTIN (EAN)	Packaging unit
	28503.4	KDS-IVR 8/16 BK	4044211210793	10 ST
	Inner locking f	rame, Length: 152 mm, Height: 11	5 mm, Colour: Black	
	Article number	Article name	GTIN (EAN)	Packaging unit
	Article Humber			
	28505.4	KDS-IVR 10/24 BK	4044211210816	10 ST
	28505.4	th TPE seal, Mounting type: Screv		
	28505.4 Cable entry wi	th TPE seal, Mounting type: Screv		



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 wi 66, Colour: Bla	ith TPE seal, Mounting type: Screws, I 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, Ir	nlay, Mounting type: Plug in, IP 66, Co	lour: 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: 153 mm, Width: 70 mm, IP 66, Colour: Black			
-	• • •	ews, Length: 153 mm	n, Width: 70 mm,		
-	• • •	ews, Length: 153 mm GTIN (EAN)	n, Width: 70 mm, 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 Cable entry wi	Black Article name KDS-SR 10/24 BK	GTIN (EAN) 4044211210809	Packaging unit 1 ST		
IP 66, Colour: Article number 28504.4 Cable entry wi Colour: Black	Black Article name KDS-SR 10/24 BK ith TPE seal, Mounting type: Screws, I	GTIN (EAN) 4044211210809 Length: 81 mm, Width	Packaging unit 1 ST n: 64 mm, IP 66, Packaging		
IP 66, Colour: Article number 28504.4 Cable entry wi Colour: Black Article number 28880.4	Black Article name KDS-SR 10/24 BK ith TPE seal, Mounting type: Screws, I Article name KDSI-SR 1-4 BK ith TPE seal, Mounting type: Screws, I	GTIN (EAN) 4044211210809 Length: 81 mm, Width GTIN (EAN) 4044211243807	Packaging unit 1 ST n: 64 mm, IP 66, Packaging unit 1 ST		
IP 66, Colour: Article number 28504.4 Cable entry wi Colour: Black Article number 28880.4 Cable entry wi	Black Article name KDS-SR 10/24 BK ith TPE seal, Mounting type: Screws, I Article name KDSI-SR 1-4 BK ith TPE seal, Mounting type: Screws, I	GTIN (EAN) 4044211210809 Length: 81 mm, Width GTIN (EAN) 4044211243807	Packaging unit 1 ST n: 64 mm, IP 66, Packaging unit 1 ST		



	Cable entry with TPE seal, Mounting type: Screws, Length: 106 mm, Width: 64 mm, IP66, Colour: Black			
	Article number	Article name	GTIN (EAN)	Packaging unit
	28881.4	KDSI-SR 6/10 BK	4044211242084	1 ST
	Cable entry set	, IP66, Consisting of: 1xKDSI-SR 6/10,	1xKDS-Inlay 2, 1xKD	S-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 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
	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



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	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	
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				
 Cable entry set	t, IP66, Consisting of: 1xKDSI-SR 10/2	4, each 1xKDS-Inlay	, 2,4,6	
Article number	Article name	4, each 1xKDS-Inlay GTIN (EAN)	∕ 2,4,6 Packaging unit	
-	-	-	Packaging	
Article number	Article name KDSI-SET 10/24 BK h TPE seal, Mounting type: Screws, Le	GTIN (EAN) 4044211242183	Packaging unit 1 ST	
Article number 28893.4 Cable entry wit	Article name KDSI-SET 10/24 BK h TPE seal, Mounting type: Screws, Le	GTIN (EAN) 4044211242183	Packaging unit 1 ST	