

Data sheet

28544.4 KDS-DEG 23-24 BK



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	28544.4
Article name	KDS-DEG 23-24 BK
GTIN (EAN)	4044211215439
Packaging unit	10
Quantity unit	PC
Weight per piece (not including packaging)	24.9 g
Weight per piece (including packaging)	25.3 g
Unit of weight	G
Customs number	39259020
Country of origin	DE
Product description	Sealing Element
Colour	Black

Data sheet

28544.4 KDS-DEG 23-24 BK



Technical data

Dimensions

Length	42.8 mm
Width	42.8 mm
Height	17.7 mm

Materials

Material	TPE
Flammability class UL 94	HB
Working temperature, min.	-40 °C
Working temperature, max.	120 °C
Halogen-free	✓
Silicone-free	✓
UV-resistant	✓

Further technical data

Mounting type	Plug in
Degree of protection	IP66
Strain relief	✓
Cable diameter, min.	23 mm
Cable diameter, max.	24 mm
NEMA Type	1, 12, 4x (indoor use only)
Number of wires	1

Environmental Product Compliance

REACH Conform	yes
REACH Reference date	2024-01-23
REACH Candidate Substance Note	No
RoHS Conform	yes

Approvals

Standards and regulations

Standards / specifications	Strain relief complying with DIN EN 62444
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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



28544.4 KDS-DEG 23-24 BK

Accessories

Inlays



Cable entry, Inlay, Mounting type: Plug in, IP 66, Colour: Black

Article number	Article name	GTIN (EAN)	Packaging unit
<u>28516.4</u>	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
<u>28517.4</u>	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
<u>28518.4</u>	KDS-Inlay 4 BK	4044211210861	5 ST



Cable entry, Inlay, Mounting type: Plug in, IP 66, Colour: Black

Article number	Article name	GTIN (EAN)	Packaging unit
<u>28519.4</u>	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
<u>28504.4</u>	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
<u>28500.4</u>	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

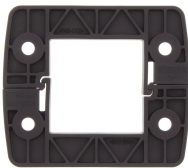
Article number	Article name	GTIN (EAN)	Packaging unit
28502.4	KDS-SR 8/16 BK	4044211210786	1 ST



Cable entry with foamed-in seal, Mounting type: Screws, Length: 81 mm, Width: 70 mm, IP 66, Colour: Black

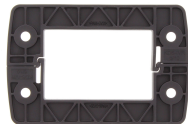
Article number	Article name	GTIN (EAN)	Packaging unit
28506.4	KDS-SR 1-4 BK	4044211210823	1 ST

Locking frame



Inner locking 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



Inner locking frame, 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 frame, 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

28544.4 KDS-DEG 23-24 BK



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
<u>28613.4</u>	KDS-KV M40 BK	4044211208967	5 ST



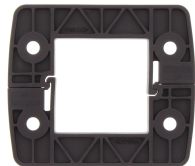
Split cable gland including counter nut, Thread type: metric, Material: PA 6.6, Protection: IP 66, Colour: Black

Article number	Article name	GTIN (EAN)	Packaging unit
<u>28614.4</u>	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
<u>28615.4</u>	KDS-KV M63 BK	4044211208981	5 ST



Inner locking frame, Length: 80 mm, Height: 11.5 mm, Colour: Black

Article number	Article name	GTIN (EAN)	Packaging unit
<u>28507.4</u>	KDS-IVR 1-4 BK	4044211210830	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
<u>28661.4</u>	KDS-FP 3x10/24 BK	4044211220365	1 ST



Cable entry, Inlay, Mounting type: Plug in, IP 66, Colour: Black

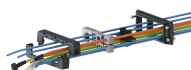
Article number	Article name	GTIN (EAN)	Packaging unit
<u>28519.4</u>	KDS-Inlay 6 BK	4044211210014	5 ST

28544.4 KDS-DEG 23-24 BK



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
<u>28880.4</u>	KDSI-SR 1-4 BK	4044211243807	1 ST



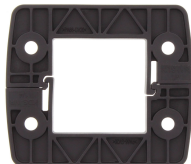
Cable entry with TPE seal, Mounting type: Screws, Length: 126 mm, Width: 64 mm, IP 66, Colour: Black

Article number	Article name	GTIN (EAN)	Packaging unit
<u>28882.4</u>	KDSI-SR 8/16 BK	4044211242091	1 ST



Thread and locking adapter, Material: Polyamide PA 6.6, glass-fibre reinforced, Colour: Black

Article number	Article name	GTIN (EAN)	Packaging unit
<u>28777.4</u>	KDS-RGA M63 BK	4044211234577	5 ST



Inner locking frame, Length: 80 mm, Height: 11.5 mm, Colour: Black

Article number	Article name	GTIN (EAN)	Packaging unit
<u>28507.4</u>	KDS-IVR 1-4 BK	4044211210830	10 ST



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
<u>28502.4</u>	KDS-SR 8/16 BK	4044211210786	1 ST



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

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



Inner locking frame, Length: 152 mm, Height: 11.5 mm, Colour: Black

Article number	Article name	GTIN (EAN)	Packaging unit
<u>28505.4</u>	KDS-IVR 10/24 BK	4044211210816	10 ST

28544.4 KDS-DEG 23-24 BK

Cable entry, Inlay, Mounting type: Plug in, IP 66, Colour: Black



Article number	Article name	GTIN (EAN)	Packaging unit
<u>28516.4</u>	KDS-Inlay 1 BK	4044211210847	5 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
<u>28500.4</u>	KDS-SR 6/10 BK	4044211210021	1 ST

Cable entry, Inlay, Mounting type: Plug in, IP 66, Colour: Black



Article number	Article name	GTIN (EAN)	Packaging unit
<u>28518.4</u>	KDS-Inlay 4 BK	4044211210861	5 ST

Cable entry, Inlay, Mounting type: Plug in, IP 66, Colour: Black



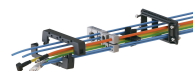
Article number	Article name	GTIN (EAN)	Packaging unit
<u>28519.4</u>	KDS-Inlay 6 BK	4044211210014	5 ST

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
<u>28506.4</u>	KDS-SR 1-4 BK	4044211210823	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
<u>28881.4</u>	KDSI-SR 6/10 BK	4044211242084	1 ST

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



Article number	Article name	GTIN (EAN)	Packaging unit
<u>28892.4</u>	KDSI-SET 8/16 BK	4044211242176	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
	<u>28883.4</u>	KDSI-SR 10/24 BK	4044211242107	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
	<u>28891.4</u>	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
	<u>28891.4</u>	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
	<u>28892.4</u>	KDSI-SET 8/16 BK	4044211242176	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
	<u>28881.4</u>	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
	<u>28881.4</u>	KDSI-SR 6/10 BK	4044211242084	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
	<u>28882.4</u>	KDSI-SR 8/16 BK	4044211242091	1 ST

28544.4 KDS-DEG 23-24 BK



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
<u>28883.4</u>	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
<u>28890.4</u>	KDSI-SET 1-4 BK	4044211242152	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
<u>28891.4</u>	KDSI-SET 6/10 BK	4044211242169	1 ST



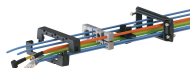
Cable entry set, IP66, Consisting of: 1xKDSI-SR 8/16, 2xKDS-Inlay 4

Article number	Article name	GTIN (EAN)	Packaging unit
<u>28892.4</u>	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
<u>28893.4</u>	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
<u>28881.4</u>	KDSI-SR 6/10 BK	4044211242084	1 ST