



Seal, Mounting type: Plug in, Length x width: 42.8 mm, Max. cable diameter: 16 mm, IP 66, Colour: Black

**RAL:** 9005

#### **Business data**

Article number	<u>28536.4</u>
Article name	KDS-DEG 15-16 BK
GTIN (EAN)	4044211215279
Packaging unit	10
Quantity unit	PC
Weight per piece (not including packaging)	29.4 g
Weight per piece (including packaging)	29.8 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	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.	15 mm
Cable diameter, max.	16 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, Humidity: B, Vibration: B, Ingress protection: IP66
DNV GL approval granted	1



Media





#### Accessories

Inlays				
	Cable entry, In	lay, Mounting type: Plug in, IF	9 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, IF	9 66, 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, IF	9 66, Colour: 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, If	9 66, 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

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#### **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: 11.5 mn	n, 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 m	nm, 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 m	nm, Colour: Black	
Article number	Article name	GTIN (EAN)	Packaging unit
 28503.4	KDS-IVR 8/16 BK	4044211210793	10 ST
Inner locking fr	ame, Length: 152 mm, Height: 11.5 m	nm, Colour: Black	
Article number	Article name	GTIN (EAN)	Packaging unit
28505.4	KDS-IVR 10/24 BK	4044211210816	10 ST

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



	Split cable gla IP 66, Colour:	nd including counter nut, Thread ty Black	pe: metric, Material: PA	6.6, Protection
	Article number	Article name	GTIN (EAN)	Packaging unit
	28613.4	KDS-KV M40 BK	4044211208967	5 ST
	Round cable e	entry, Material: polyamide PA 6.6, g	lass-fibre reinforced   TI	PE, Colour: Bla
	Article number	Article name	GTIN (EAN)	Packaging unit
	28774.4	KDS-R 40-63 BK	4044211234546	5 ST
	Split cable gla IP 66, Colour:	nd including counter nut, Thread ty Black	pe: metric, Material: PA	6.6, Protection
く	Article number	Article name	GTIN (EAN)	Packaging unit
	28615.4	KDS-KV M63 BK	4044211208981	5 ST
	Cable entry, Ir	nlay, 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
	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
0	Thread and lo Black	cking adapter, Material: Polyamide	PA 6.6, glass-fibre reinf	orced, Colour:
	Article number	Article name	GTIN (EAN)	Packaging unit
	28776.4	KDS-RGA M50 BK	4044211234560	5 ST
	Thread and lo Black	cking adapter, Material: Polyamide	PA 6.6, glass-fibre reinf	orced, Colour:
	Article number	Article name	GTIN (EAN)	Packaging unit
	28775.4	KDS-RGA M40 BK	4044211234553	5 ST



				Packaging
	Article number	Article name	GTIN (EAN)	unit
	28505.4	KDS-IVR 10/24 BK	4044211210816	10 ST
	Thread and loo Black	king 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
• •	Cable entry wi IP 66, Colour:	th foamed-in seal, Mounting type: Black	Screws, Length: 126 mm	n, Width: 70 mr
••	Article number	Article name	GTIN (EAN)	Packaging unit
	28502.4	KDS-SR 8/16 BK	4044211210786	1 ST
	Cable entry se	t, IP66, Consisting of: 1 x KDS-SR	R 10/24, 1 each of KDS-Ir	nlay 2,4,6
	Cable entry se	t, IP66, Consisting of: 1 x KDS-SR Article name	R 10/24, 1 each of KDS-Ir GTIN (EAN)	nlay 2,4,6 Packaging unit
::				Packaging
	Article number	Article name	<b>GTIN (EAN)</b> 4044211216214	Packaging unit
	Article number	Article name KDS-Set 10/24 BK	<b>GTIN (EAN)</b> 4044211216214	Packaging unit
	Article number 28605.4 Inner locking fr	Article name KDS-Set 10/24 BK rame, Length: 125 mm, Height: 11	GTIN (EAN) 4044211216214 .5 mm, Colour: Black	Packaging unit 1 ST Packaging
	Article number 28605.4 Inner locking fr Article number 28503.4	Article name KDS-Set 10/24 BK rame, Length: 125 mm, Height: 11 Article name	GTIN (EAN) 4044211216214 .5 mm, Colour: Black GTIN (EAN) 4044211210793	Packaging unit 1 ST Packaging unit
	Article number 28605.4 Inner locking fr Article number 28503.4	Article name KDS-Set 10/24 BK rame, Length: 125 mm, Height: 11 Article name KDS-IVR 8/16 BK	GTIN (EAN) 4044211216214 .5 mm, Colour: Black GTIN (EAN) 4044211210793	Packaging unit 1 ST Packaging unit
	Article number 28605.4 Inner locking fr Article number 28503.4 Inner locking fr	Article name KDS-Set 10/24 BK rame, Length: 125 mm, Height: 11 Article name KDS-IVR 8/16 BK rame, Length: 152 mm, Height: 11	GTIN (EAN) 4044211216214 .5 mm, Colour: Black GTIN (EAN) 4044211210793 .5 mm, Colour: Black	Packaging unit 1 ST Packaging unit 10 ST Packaging
	Article number 28605.4 Inner locking fr Article number 28503.4 Inner locking fr Article number 28505.4	Article name KDS-Set 10/24 BK rame, Length: 125 mm, Height: 11 Article name KDS-IVR 8/16 BK rame, Length: 152 mm, Height: 11 Article name KDS-IVR 10/24 BK th foamed-in seal, Mounting type:	GTIN (EAN) 4044211216214 .5 mm, Colour: Black GTIN (EAN) 4044211210793 .5 mm, Colour: Black GTIN (EAN) 4044211210816	Packaging unit 1 ST Packaging unit 10 ST Packaging unit 10 ST
	Article number 28605.4 Inner locking fr Article number 28503.4 Inner locking fr Article number 28505.4 Cable entry wir	Article name KDS-Set 10/24 BK rame, Length: 125 mm, Height: 11 Article name KDS-IVR 8/16 BK rame, Length: 152 mm, Height: 11 Article name KDS-IVR 10/24 BK th foamed-in seal, Mounting type:	GTIN (EAN) 4044211216214 .5 mm, Colour: Black GTIN (EAN) 4044211210793 .5 mm, Colour: Black GTIN (EAN) 4044211210816	Packaging unit 1 ST Packaging unit 10 ST Packaging unit 10 ST



and the second s	Cable entry se	t, IP66, Consisting of: 1 x KDS-SR 8	3/16, 1 x KDS-Inlay 1, 2	2 x KDS-Inlay 4
	Article number	Article name	GTIN (EAN)	Packaging unit
	28604.4	KDS-Set 8/16 BK	4044211216207	1 ST
a	Cable entry, In	lay, 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
11	Cable entry, In	lay, Mounting type: Plug in, IP 66, C	Colour: Black	
	Article number	Article name	GTIN (EAN)	Packaging unit
	28519.4	KDS-Inlay 6 BK	4044211210014	5 ST
	Cable entry wi IP 66, Colour: Article number	th foamed-in seal, Mounting type: So Black Article name	crews, Length: 153 mm GTIN (EAN)	Packaging
		KDS-SR 10/24 BK		unit 1 ST
	28504.4	ND0-0N 10/24 DN	4044211210809	101
	Cable entry wi Colour: Black	th TPE seal, Mounting type: Screws	, Length: 81 mm, Width	n: 64 mm, IP 66
		th TPE seal, Mounting type: Screws Article name	, Length: 81 mm, Width GTIN (EAN)	n: 64 mm, IP 66 Packaging unit
	Colour: Black			Packaging
	Colour: Black Article number 28880.4	Article name KDSI-SR 1-4 BK th foamed-in seal, Mounting type: Se	<b>GTIN (EAN)</b> 4044211243807	Packaging unit 1 ST
	Colour: Black Article number 28880.4 Cable entry wi	Article name KDSI-SR 1-4 BK th foamed-in seal, Mounting type: Se	<b>GTIN (EAN)</b> 4044211243807	Packaging unit 1 ST
	Colour: Black Article number 28880.4 Cable entry wi IP 66, Colour:	Article name KDSI-SR 1-4 BK th foamed-in seal, Mounting type: Se Black	GTIN (EAN) 4044211243807 crews, Length: 126 mm	Packaging unit 1 ST n, Width: 70 mm Packaging
	Colour: Black Article number 28880.4 Cable entry wi IP 66, Colour: Article number 28502.4	Article name KDSI-SR 1-4 BK th foamed-in seal, Mounting type: So Black Article name	GTIN (EAN) 4044211243807 crews, Length: 126 mm GTIN (EAN) 4044211210786	Packaging unit 1 ST n, Width: 70 mm Packaging unit 1 ST
	Colour: Black Article number 28880.4 Cable entry wi IP 66, Colour: Article number 28502.4	Article name KDSI-SR 1-4 BK th foamed-in seal, Mounting type: So Black Article name KDS-SR 8/16 BK	GTIN (EAN) 4044211243807 crews, Length: 126 mm GTIN (EAN) 4044211210786	Packaging unit 1 ST n, Width: 70 mm Packaging unit 1 ST



	Cable entry se	t, IP66, Consisting of: 1 x KDS-SR 6	CDS-SR 6/10, 1 x KDS-Inlay 2, 1 x KDS-Inlay 6		
<b>.</b>	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 number	Article name	GTIN (EAN)	Packaging unit	
	28891.4	KDSI-SET 6/10 BK	4044211242169	1 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 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 with TPE seal, Mounting type: Screws, Length: 81 mm, Width: 64 mm, IP 66 Colour: Black				
	Article number	Article name	GTIN (EAN)	Packaging unit	
	Article number 28880.4	Article name KDSI-SR 1-4 BK	<b>GTIN (EAN)</b> 4044211243807		
	28880.4	KDSI-SR 1-4 BK th TPE seal, Mounting type: Screws,	4044211243807	unit 1 ST	
	28880.4 Cable entry wi	KDSI-SR 1-4 BK th TPE seal, Mounting type: Screws,	4044211243807	unit 1 ST	
	28880.4 Cable entry wir 66, Colour: Bla	KDSI-SR 1-4 BK th TPE seal, Mounting type: Screws, ack	4044211243807 , Length: 126 mm, Wid	unit 1 ST th: 64 mm, IP Packaging	
	28880.4 Cable entry wir 66, Colour: Bla Article number 28882.4	KDSI-SR 1-4 BK th TPE seal, Mounting type: Screws, ack Article name KDSI-SR 8/16 BK th TPE seal, Mounting type: Screws,	4044211243807 , Length: 126 mm, Wid GTIN (EAN) 4044211242091	unit 1 ST th: 64 mm, IP Packaging unit 1 ST	
•••	28880.4 Cable entry wir 66, Colour: Bla Article number 28882.4 Cable entry wir	KDSI-SR 1-4 BK th TPE seal, Mounting type: Screws, ack Article name KDSI-SR 8/16 BK th TPE seal, Mounting type: Screws,	4044211243807 , Length: 126 mm, Wid GTIN (EAN) 4044211242091	unit 1 ST th: 64 mm, IP Packaging unit 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, 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	