

Data sheet

28712.4 KDS-SR-FB4/F BK



Cable entry with moulded-in seal, Mounting type: Screws, Length: 147 mm, Width: 39 mm, IP 66, Colour: Black

RAL: 9005

Business data

Article number	28712.4
Article name	KDS-SR-FB4/F BK
GTIN (EAN)	4044211225599
Packaging unit	10
Quantity unit	PC
Weight per piece (not including packaging)	54.8 g
Weight per piece (including packaging)	61.4 g
Unit of weight	G
Customs number	39259020
Country of origin	DE
Product description	Cable Entry
Colour	Black

Technical data

Dimensions

Length	147 mm
Length of wall cutout	110 mm
Width	39 mm
Width of wall cutout	24 mm
Height	19 mm
Installation height	18.9 mm
Diameter of the screw holes	5.5 mm

Materials

Material	Polyamide 6.6
Glass-fibre reinforced	✓
Flammability class UL 94	V-0
Working temperature, min.	-40 °C
Working temperature, max.	120 °C
Sealing material	TPE
Halogen-free	✓
Silicone-free	✓

Further technical data

Mounting type	Screws
Degree of protection	IP66
Number of screw holes	2
Fixing screws	M 5 (ISO 4762 / DIN 912)
Torque of the fixing screws	3 Nm

Environmental Product Compliance

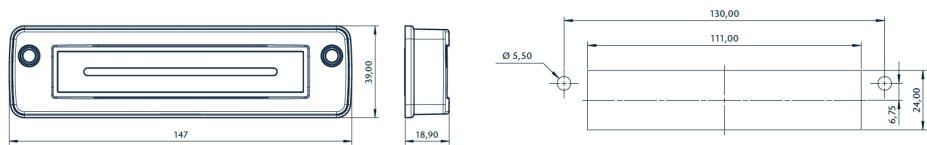
REACH Conform	yes
REACH Reference date	2023-06-14
REACH Candidate Substance Note	No
RoHS Conform	yes

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Media



Accessories

Small Seals



Seal, Mounting type: Plug in, Length x width: 20.3 mm, Max. cable diameter: 7 mm, IP 66, Colour: Grey

Article number	Article name	GTIN (EAN)	Packaging unit
<u>28567.6</u>	KDS-DE 6-7 GR	4044211211059	10 ST



Seal, Mounting type: Plug in, Length x width: 20.3 mm, Max. cable diameter: 8 mm, IP 66, Colour: Grey

Article number	Article name	GTIN (EAN)	Packaging unit
<u>28568.6</u>	KDS-DE 7-8 GR	4044211211066	10 ST



Seal, Mounting type: Plug in, Length x width: 20.3 mm, Max. cable diameter: 9 mm, IP 66, Colour: Grey

Article number	Article name	GTIN (EAN)	Packaging unit
<u>28569.6</u>	KDS-DE 8-9 GR	4044211211073	10 ST



Seal, Mounting type: Plug in, Length x width: 20.3 mm, Max. cable diameter: 10 mm, IP 66, Colour: Grey

Article number	Article name	GTIN (EAN)	Packaging unit
<u>28570.6</u>	KDS-DE 9-10 GR	4044211211080	10 ST



Seal, Mounting type: Plug in, Length x width: 20.3 mm, Max. cable diameter: 11 mm, IP 66, Colour: Grey

Article number	Article name	GTIN (EAN)	Packaging unit
<u>28571.6</u>	KDS-DE 10-11 GR	4044211211097	10 ST



Seal, Mounting type: Plug in, Length x width: 20.3 mm, Max. cable diameter: 12 mm, IP 66, Colour: Grey

Article number	Article name	GTIN (EAN)	Packaging unit
<u>28572.6</u>	KDS-DE 11-12 GR	4044211211103	10 ST

Small Seals



Seal, Mounting type: Plug in, Length x width: 20.3 mm, Max. cable diameter: 13 mm, IP 66, Colour: Grey

Article number	Article name	GTIN (EAN)	Packaging unit
<u>28573.6</u>	KDS-DE 12-13 GR	4044211215224	10 ST



Seal, Mounting type: Plug in, Length x width: 20.3 mm, Max. cable diameter: 3 mm, IP 66, Colour: Grey

Article number	Article name	GTIN (EAN)	Packaging unit
<u>28563.6</u>	KDS-DE 2-3 GR	4044211211011	10 ST



Seal, Mounting type: Plug in, Length x width: 20.3 mm, Max. cable diameter: 4 mm, IP 66, Colour: Grey

Article number	Article name	GTIN (EAN)	Packaging unit
<u>28564.6</u>	KDS-DE 3-4 GR	4044211211028	10 ST



Seal, Mounting type: Plug in, Length x width: 20.3 mm, Max. cable diameter: 5 mm, IP 66, Colour: Grey

Article number	Article name	GTIN (EAN)	Packaging unit
<u>28565.6</u>	KDS-DE 4-5 GR	4044211211035	10 ST



Seal, Mounting type: Plug in, Length x width: 20.3 mm, Max. cable diameter: 6 mm, IP 66, Colour: Grey

Article number	Article name	GTIN (EAN)	Packaging unit
<u>28566.6</u>	KDS-DE 5-6 GR	4044211211042	10 ST



Seal, Mounting type: Plug in, Length x width: 20.3 mm, Max. cable diameter: 14 mm, IP 66, Colour: Grey

Article number	Article name	GTIN (EAN)	Packaging unit
<u>28574.6</u>	KDS-DE 13-14 GR	4044211215231	10 ST

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Small Seals



Seal, Mounting type: Plug in, Length x width: 20.3 mm, Max. cable diameter: 5 mm, IP 66, Colour: Grey

Article number	Article name	GTIN (EAN)	Packaging unit
<u>28595.6</u>	KDS-DE 2X4-5 GR	4044211215682	10 ST



Seal, Mounting type: Plug in, Length x width: 20.3 mm, Max. cable diameter: 6 mm, IP 66, Colour: Grey

Article number	Article name	GTIN (EAN)	Packaging unit
<u>28596.6</u>	KDS-DE 2X5-6 GR	4044211215699	10 ST



Seal, Mounting type: Plug in, Length x width: 20.3 mm, Max. cable diameter: 3 mm, IP 66, Colour: Grey

Article number	Article name	GTIN (EAN)	Packaging unit
<u>28597.6</u>	KDS-DE 4X2-3 GR	4044211215705	10 ST



Seal, Mounting type: Plug in, Length x width: 20.3 mm, Max. cable diameter: 4 mm, IP 66, Colour: Grey

Article number	Article name	GTIN (EAN)	Packaging unit
<u>28598.6</u>	KDS-DE 4X3-4 GR	4044211215712	10 ST



Seal, Mounting type: Plug in, Length x width: 20.3 mm, IP 66, Colour: Black

Article number	Article name	GTIN (EAN)	Packaging unit
<u>28560.4</u>	KDS-DE/2XASI BK	4044211215675	10 ST



Seal dummy, Mounting type: Plug in, Length x width: 20.3 mm, IP 66, Colour: Grey

Article number	Article name	GTIN (EAN)	Packaging unit
<u>28561.6</u>	KDS-DE/B GR	4044211211004	10 ST

Small Seals



Seal, Mounting type: Plug in, Length x width: 20.3 mm, Max. cable diameter: 2 mm, IP66, Colour: Grey

Article number	Article name	GTIN (EAN)	Packaging unit
<u>28562.6</u>	KDS-DE 1,5-2 GR	4044211209988	10 ST



Seal, Mounting type: Plug in, Length x width: 20.3 mm, Max. cable diameter: 6.5 mm, IP 66, Colour: Black

Article number	Article name	GTIN (EAN)	Packaging unit
<u>28682.4</u>	KDS-DE 2X6,5 BK	4044211219536	10 ST



Seal, Mounting type: Plug in, Length x width: 20.3 mm, Max. cable diameter: 6.5 mm, IP 66, Colour: Black

Article number	Article name	GTIN (EAN)	Packaging unit
<u>28687.4</u>	KDS-DE 3X5-6 BK	4044211220501	10 ST



Seal, Mounting type: Plug in, Length x width: 20.3 mm, Max. cable diameter: 2 mm, IP 66, Colour: Grey

Article number	Article name	GTIN (EAN)	Packaging unit
<u>28696.6</u>	KDS-DE 2 GR	4044211220884	10 ST



Seal, Mounting type: Plug in, Length x width: 20.3 mm, Max. cable diameter: 3 mm, IP 66, Colour: Black

Article number	Article name	GTIN (EAN)	Packaging unit
<u>28697.4</u>	KDS-DE 3 BK	4044211220891	10 ST



Seal, Mounting type: Plug in, Length x width: 20.3 mm, Max. cable diameter: 3 mm, IP 66, Colour: Grey

Article number	Article name	GTIN (EAN)	Packaging unit
<u>28698.6</u>	KDS-DE 3 GR	4044211220907	10 ST

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Small Seals



Seal, Mounting type: Plug in, Length x width: 20.3 mm, Max. cable diameter: 6.1 mm, IP 66, Colour: Grey

Article number	Article name	GTIN (EAN)	Packaging unit
<u>28762.6</u>	KDS-DE 4X6 GR	4044211226459	10 ST



Seal, Mounting type: Plug in, Length x width: 20.3 mm, Max. cable diameter: 6.1 mm, IP 66, Colour: Black

Article number	Article name	GTIN (EAN)	Packaging unit
<u>28763.4</u>	KDS-DE 4X6 BK	4044211226466	10 ST



Seal, Mounting type: Plug in, Length x width: 20.3 mm, IP 66, Colour: Grey

Article number	Article name	GTIN (EAN)	Packaging unit
<u>28600.6</u>	KDS-DE/2XASI GR	4044211215736	10 ST



Seal, Mounting type: Plug in, Length x width: 20.3 mm, Max. cable diameter: 4.5 mm, IP 66, Colour: Grey

Article number	Article name	GTIN (EAN)	Packaging unit
<u>28606.6</u>	KDS-DE 4X4,5 GR	4044211216252	10 ST



Seal, Mounting type: Plug in, Length x width: 20.3 mm, Max. cable diameter: 6.5 mm, IP 66, Colour: Grey

Article number	Article name	GTIN (EAN)	Packaging unit
<u>28607.6</u>	KDS-DE 2X6,5 GR	4044211216238	10 ST



Seal, Mounting type: Plug in, Length x width: 20.3 mm, Max. cable diameter: 15 mm, IP 66, Colour: Black

Article number	Article name	GTIN (EAN)	Packaging unit
<u>28608.4</u>	KDS-DE 14-15 BK	4044211219314	10 ST

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Small Seals



Seal, Mounting type: Plug in, Length x width: 20.3 mm, Max. cable diameter: 15 mm, IP 66, Colour: Grey

Article number	Article name	GTIN (EAN)	Packaging unit
<u>28609.6</u>	KDS-DE 14-15 GR	4044211219307	10 ST



Seal, Mounting type: Plug in, Length x width: 20.3 mm, Max. cable diameter: 16 mm, IP 66, Colour: Black

Article number	Article name	GTIN (EAN)	Packaging unit
<u>28670.4</u>	KDS-DE 15-16 BK	4044211219321	10 ST



Seal, Mounting type: Plug in, Length x width: 20.3 mm, Max. cable diameter: 17 mm, IP 66, Colour: Grey

Article number	Article name	GTIN (EAN)	Packaging unit
<u>28671.6</u>	KDS-DE 15-16 GR	4044211219338	10 ST



Seal, Mounting type: Plug in, Length x width: 20.3 mm, Max. cable diameter: 5 mm, IP 66, Colour: Black

Article number	Article name	GTIN (EAN)	Packaging unit
<u>28672.4</u>	KDS-DE 4X5 BK	4044211219345	10 ST



Seal, Mounting type: Plug in, Length x width: 20.3 mm, Max. cable diameter: 5 mm, IP 66, Colour: Grey

Article number	Article name	GTIN (EAN)	Packaging unit
<u>28673.6</u>	KDS-DE 4X5 GR	4044211219352	10 ST



Seal, Mounting type: Plug in, Length x width: 20.3 mm, Max. cable diameter: 4.5 mm, IP 66, Colour: Black

Article number	Article name	GTIN (EAN)	Packaging unit
<u>28681.4</u>	KDS-DE 4X4,5 BK	4044211219543	10 ST

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Small Seals



Seal, Mounting type: Plug in, Length x width: 20.3 mm, Max. cable diameter: 11 mm, IP 66, Colour: Black

Article number	Article name	GTIN (EAN)	Packaging unit
<u>28530.4</u>	KDS-DE 10-11 BK	4044211210960	10 ST



Seal, Mounting type: Plug in, Length x width: 20.3 mm, Max. cable diameter: 12 mm, IP 66, Colour: Black

Article number	Article name	GTIN (EAN)	Packaging unit
<u>28531.4</u>	KDS-DE 11-12 BK	4044211210977	10 ST



Seal, Mounting type: Plug in, Length x width: 20.3 mm, Max. cable diameter: 13 mm, IP 66, Colour: Black

Article number	Article name	GTIN (EAN)	Packaging unit
<u>28532.4</u>	KDS-DE 12-13 BK	4044211210984	10 ST



Seal, Mounting type: Plug in, Length x width: 20.3 mm, Max. cable diameter: 14 mm, IP 66, Colour: Black

Article number	Article name	GTIN (EAN)	Packaging unit
<u>28533.4</u>	KDS-DE 13-14 BK	4044211210991	10 ST



Seal, Mounting type: Plug in, Length x width: 20.3 mm, Max. cable diameter: 11 mm, IP 66, Colour: Black

Article number	Article name	GTIN (EAN)	Packaging unit
<u>28553.4</u>	KDS-DE/K 2-11 BK	4044211216092	10 ST



Seal, Mounting type: Plug in, Length x width: 20.3 mm, Max. cable diameter: 5 mm, IP 66, Colour: Black

Article number	Article name	GTIN (EAN)	Packaging unit
<u>28555.4</u>	KDS-DE 2X4-5 BK	4044211215620	10 ST

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Small Seals



Seal, Mounting type: Plug in, Length x width: 20.3 mm, Max. cable diameter: 6 mm, IP 66, Colour: Black

Article number	Article name	GTIN (EAN)	Packaging unit
<u>28556.4</u>	KDS-DE 2X5-6 BK	4044211215637	10 ST



Seal, Mounting type: Plug in, Length x width: 20.3 mm, Max. cable diameter: 3 mm, IP 66, Colour: Black

Article number	Article name	GTIN (EAN)	Packaging unit
<u>28557.4</u>	KDS-DE 4X2-3 BK	4044211215644	10 ST



Seal, Mounting type: Plug in, Length x width: 20.3 mm, Max. cable diameter: 4 mm, IP 66, Colour: Black

Article number	Article name	GTIN (EAN)	Packaging unit
<u>28558.4</u>	KDS-DE 4X3-4 BK	4044211215651	10 ST



Seal, Mounting type: Plug in, Length x width: 20.3 mm, IP 66, Colour: Black

Article number	Article name	GTIN (EAN)	Packaging unit
<u>28559.4</u>	KDS-DE/1XASI BK	4044211215668	10 ST



Seal dummy, Mounting type: Plug in, Length x width: 20.3 mm, IP 66, Colour: Black

Article number	Article name	GTIN (EAN)	Packaging unit
<u>28520.4</u>	KDS-DE/B BK	4044211210878	10 ST



Seal, Mounting type: Plug in, Length x width: 20.3 mm, Max. cable diameter: 2 mm, IP 66, Colour: Black

Article number	Article name	GTIN (EAN)	Packaging unit
<u>28521.4</u>	KDS-DE 1,5-2 BK	4044211210007	10 ST

Small Seals



Seal, Mounting type: Plug in, Length x width: 20.3 mm, Max. cable diameter: 3 mm, IP66, Colour: Black

Article number	Article name	GTIN (EAN)	Packaging unit
<u>28522.4</u>	KDS-DE 2-3 BK	4044211210885	10 ST



Seal, Mounting type: Plug in, Length x width: 20.3 mm, Max. cable diameter: 4 mm, IP 66, Colour: Black

Article number	Article name	GTIN (EAN)	Packaging unit
<u>28523.4</u>	KDS-DE 3-4 BK	4044211210892	10 ST



Seal, Mounting type: Plug in, Length x width: 20.3 mm, Max. cable diameter: 5 mm, IP 66, Colour: Black

Article number	Article name	GTIN (EAN)	Packaging unit
<u>28524.4</u>	KDS-DE 4-5 BK	4044211210908	10 ST



Seal, Mounting type: Plug in, Length x width: 20.3 mm, Max. cable diameter: 6 mm, IP 66, Colour: Black

Article number	Article name	GTIN (EAN)	Packaging unit
<u>28525.4</u>	KDS-DE 5-6 BK	4044211210915	10 ST



Seal, Mounting type: Plug in, Length x width: 20.3 mm, Max. cable diameter: 7 mm, IP 66, Colour: Black

Article number	Article name	GTIN (EAN)	Packaging unit
<u>28526.4</u>	KDS-DE 6-7 BK	4044211210922	10 ST



Seal, Mounting type: Plug in, Length x width: 20.3 mm, Max. cable diameter: 8 mm, IP 66, Colour: Black

Article number	Article name	GTIN (EAN)	Packaging unit
<u>28527.4</u>	KDS-DE 7-8 BK	4044211210939	10 ST

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Small Seals



Seal, Mounting type: Plug in, Length x width: 20.3 mm, Max. cable diameter: 9 mm, IP 66, Colour: Black

Article number	Article name	GTIN (EAN)	Packaging unit
<u>28528.4</u>	KDS-DE 8-9 BK	4044211210946	10 ST



Seal, Mounting type: Plug in, Length x width: 20.3 mm, Max. cable diameter: 10 mm, IP 66, Colour: Black

Article number	Article name	GTIN (EAN)	Packaging unit
<u>28529.4</u>	KDS-DE 9-10 BK	4044211210953	10 ST



Seal, Mounting type: Plug in, Length x width: 20.3 mm, Max. cable diameter: 6 mm, IP 66, Colour: Grey

Article number	Article name	GTIN (EAN)	Packaging unit
<u>28688.6</u>	KDS-DE 3X5-6 GR	4044211220518	10 ST



Seal, Mounting type: Plug in, Length x width: 20.3 mm, Max. cable diameter: 7 mm, IP 66, Colour: Black

Article number	Article name	GTIN (EAN)	Packaging unit
<u>28689.4</u>	KDS-DE 2X7 BK	4044211220815	10 ST



Seal, Mounting type: Plug in, Length x width: 20.3 mm, Max. cable diameter: 7 mm, IP 66, Colour: Grey

Article number	Article name	GTIN (EAN)	Packaging unit
<u>28690.6</u>	KDS-DE 2X7 GR	4044211220822	10 ST



Seal, Mounting type: Plug in, Length x width: 20.3 mm, Max. cable diameter: 8 mm, IP 66, Colour: Black

Article number	Article name	GTIN (EAN)	Packaging unit
<u>28691.4</u>	KDS-DE 2X8 BK	4044211220839	10 ST

28712.4 KDS-SR-FB4/F BK

Small Seals



Seal, Mounting type: Plug in, Length x width: 20.3 mm, Max. cable diameter: 8 mm, IP 66, Colour: Grey

Article number	Article name	GTIN (EAN)	Packaging unit
<u>28692.6</u>	KDS-DE 2X8 GR	4044211220846	10 ST



Seal, Mounting type: Plug in, Length x width: 20.3 mm, Max. cable diameter: 1.5 mm, IP 66, Colour: Black

Article number	Article name	GTIN (EAN)	Packaging unit
<u>28693.4</u>	KDS-DE 1,5 BK	4044211220853	10 ST



Seal, Mounting type: Plug in, Length x width: 20.3 mm, Max. cable diameter: 1.5 mm, IP 66, Colour: Grey

Article number	Article name	GTIN (EAN)	Packaging unit
<u>28694.6</u>	KDS-DE 1,5 GR	4044211220860	10 ST



Seal, Mounting type: Plug in, Length x width: 20.3 mm, Max. cable diameter: 2 mm, IP 66, Colour: Black

Article number	Article name	GTIN (EAN)	Packaging unit
<u>28695.4</u>	KDS-DE 2 BK	4044211220877	10 ST

Actuating tool



Using the KDS BW1 actuating tool, the seals can be conveniently mounted in and dismantled from the frame. The ergonomic grip and the special shape enable simple and precise installations, especially for cabling applications in confined spaces., Material: Polyamide

Article number	Article name	GTIN (EAN)	Packaging unit
<u>28622.0</u>	KDS BW 1	4044211216597	1 ST

Sheet-metal puncher



Sheet metal puncher for rectangular openings, Dimensions opening: 111 x 24 mm,
Maximum wall thickness: 2.0 mm for S 235 sheet, Material: steel

Article number	Article name	GTIN (EAN)	Packaging unit
<u>28743.0</u>	BL-VA KDS-FB4	4044211221973	1 ST



Sheet metal puncher for rectangular openings, Dimensions opening: 111 x 24 mm,
Maximum wall thickness: 2.0 mm for stainless steel sheet, Material: steel

Article number	Article name	GTIN (EAN)	Packaging unit
<u>28737.0</u>	BL KDS-FB4	4044211221836	1 ST