Data sheet

28604.4 KDS-Set 8/16 BK

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

RAL: 9005

Business data

Article number	28604.4
Article name	KDS-Set 8/16 BK
GTIN (EAN)	4044211216207
Packaging unit	1
Quantity unit	PC
Weight per piece (not including packaging)	66.79 g
Weight per piece (including packaging)	93.59 g
Unit of weight	G
Customs number	39259020
Country of origin	DE
Product description	Cable Entry
Colour	Black

Data sheet

28604.4 KDS-Set 8/16 BK

Technical data

Dimensions	
Length	126 mm
Lenght of wall cutout	91 mm
Width	70 mm
Width of wall cutout	46 mm
Height	19.6 mm
Installation height	19.6 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	Polyurethane-based
Type of seal	Sealing and moulded flexible foam
Halogen-free	✓
Silicone-free	✓

Further technical data	
Mounting type	Screws
Degree of protection	IP66
NEMA Type	1, 12, 4x (indoor use only)
Number of screw holes	4
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

Data sheet

28604.4 KDS-Set 8/16 BK

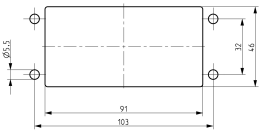
Approvals

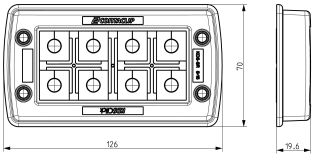
cUL Recognized	
cUL approval	C22.2 No. 14-18
cUL File Number	E489821
cUL Recognized	1
UL Recognized	
UL approval	UL 508A
UL File Number	E489821
UL Recognized	1
UL Type Rating	1, 12, 4x (indoor use only)
German Lloyd approval	
DNV GL Certificate number	TAE00003V7
DNV GL Location Classes	Temperature: -40°C to 120°C, Humidity: B, Vibration: B, Ingress protection: IP66
DNV GL approval granted	1

Data sheet

28604.4 KDS-Set 8/16 BK

Media





TYPE APPROVED PRODUCT

DNV

DNV.COM/AF

Data sheet

28604.4 KDS-Set 8/16 BK

Accessories

Sealing plugs

Sealing plugs for the mounting holes of the KDS-SR screw frames, Material: TPE, Colour: black

Article number	Article name	GTIN (EAN)	Packaging unit
28779.4	KDS-VS-SR BK	4044211242602	100 ST

Big Seals

Seal, Mounting type: Plug in, Length x width: 42.8 mm, Max. cable diameter: 20 mm, IP 66, Colour: Black

Article number	Article name	GTIN (EAN)	Packaging unit
28540.4	KDS-DEG 19-20 BK	4044211215354	10 ST

Seal, Mounting type: Plug in, Length x width: 42.8 mm, Max. cable diameter: 33 mm, IP 66, Colour: Black

Article number	Article name	GTIN (EAN)	Packaging unit
28601.4	KDS-DEG 32-33 BK	4044211215613	10 ST

Seal dummy, Mounting type: Plug in, Length x width: 42.8 mm, IP 66, Colour: Black

Article number	Article name	GTIN (EAN)	Packaging unit
28534.4	KDS-DEG/B BK	4044211215255	10 ST

Seal, Mounting type: Plug in, Length x width: 42.8 mm, Max. cable diameter: 15 mm, IP 66, Colour: Black

Article number	Article name	GTIN (EAN)	Packaging unit
28535.4	KDS-DEG 14-15 BK	4044211209995	10 ST

Data sheet

28604.4 KDS-Set 8/16 BK

Big Seals

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

Article number	Article name	GTIN (EAN)	Packaging unit
28536.4	KDS-DEG 15-16 BK	4044211215279	10 ST

Seal, Mounting type: Plug in, Length x width: 42.8 mm, Max. cable diameter: 17 mm, IP 66, Colour: Black

Article number	Article name	GTIN (EAN)	Packaging unit
28537.4	KDS-DEG 16-17 BK	4044211215293	10 ST

Seal, Mounting type: Plug in, Length x width: 42.8 mm, Max. cable diameter: 18 mm, IP 66, Colour: Black

Article number	Article name	GTIN (EAN)	Packaging unit
28538.4	KDS-DEG 17-18 BK	4044211215316	10 ST

Seal, Mounting type: Plug in, Length x width: 42.8 mm, Max. cable diameter: 24 mm, IP 66, Colour: Black

Article number	Article name	GTIN (EAN)	Packaging unit
28544.4	KDS-DEG 23-24 BK	4044211215439	10 ST

Seal, Mounting type: Plug in, Length x width: 42.8 mm, Max. cable diameter: 20 mm, IP 66, Colour: Grey

Article number	Article name	GTIN (EAN)	Packaging unit
28581.6	KDS-DEG 19-20 GR	4044211215347	10 ST

Seal, Mounting type: Plug in, Length x width: 42.8 mm, Max. cable diameter: 21 mm, IP 66, Colour: Grey

Article number	Article name	GTIN (EAN)	Packaging unit
28582.6	KDS-DEG 20-21 GR	4044211215361	10 ST

Data sheet

28604.4 KDS-Set 8/16 BK

Big Seals

Seal, Mounting type: Plug in, Length x width: 42.8 mm, Max. cable diameter: 22 mm, IP 66, Colour: Grey

Article number	Article name	GTIN (EAN)	Packaging unit
28583.6	KDS-DEG 21-22 GR	4044211215385	10 ST

Seal, Mounting type: Plug in, Length x width: 42.8 mm, Max. cable diameter: 23 mm, IP 66, Colour: Grey

Article number	Article name	GTIN (EAN)	Packaging unit
28584.6	KDS-DEG 22-23 GR	4044211215408	10 ST

Seal, Mounting type: Plug in, Length x width: 42.8 mm, Max. cable diameter: 25 mm, IP 66, Colour: Black

Article number	Article name	GTIN (EAN)	Packaging unit
28545.4	KDS-DEG 24-25 BK	4044211215453	10 ST

Seal, Mounting type: Plug in, Length x width: 42.8 mm, Max. cable diameter: 26 mm, IP 66, Colour: Black

Article number	Article name	GTIN (EAN)	Packaging unit
28546.4	KDS-DEG 25-26 BK	4044211215460	10 ST

Seal, Mounting type: Plug in, Length x width: 42.8 mm, Max. cable diameter: 27 mm, IP 66, Colour: Black

Article number	Article name	GTIN (EAN)	Packaging unit
28547.4	KDS-DEG 26-27 BK	4044211215491	10 ST

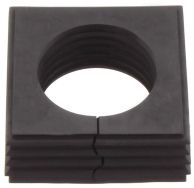
Seal, Mounting type: Plug in, Length x width: 42.8 mm, Max. cable diameter: 28 mm, IP 66, Colour: Black

Article number	Article name	GTIN (EAN)	Packaging unit
28548.4	KDS-DEG 27-28 BK	4044211215514	10 ST

Data sheet

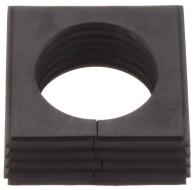
28604.4 KDS-Set 8/16 BK

Big Seals



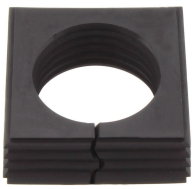
Seal, Mounting type: Plug in, Length x width: 42.8 mm, Max. cable diameter: 29 mm, IP 66, Colour: Black

Article number	Article name	GTIN (EAN)	Packaging unit
28549.4	KDS-DEG 28-29 BK	4044211215538	10 ST



Seal, Mounting type: Plug in, Length x width: 42.8 mm, Max. cable diameter: 30 mm, IP 66, Colour: Black

Article number	Article name	GTIN (EAN)	Packaging unit
28550.4	KDS-DEG 29-30 BK	4044211215552	10 ST



Seal, Mounting type: Plug in, Length x width: 42.8 mm, Max. cable diameter: 31 mm, IP 66, Colour: Black

Article number	Article name	GTIN (EAN)	Packaging unit
28551.4	KDS-DEG 30-31 BK	4044211215576	10 ST

Seal, Mounting type: Plug in, Length x width: 42.8 mm, Max. cable diameter: 32 mm, IP 66, Colour: Black

Article number	Article name	GTIN (EAN)	Packaging unit
28552.4	KDS-DEG 31-32 BK	4044211215590	10 ST

Seal, Mounting type: Plug in, Length x width: 42.8 mm, Max. cable diameter: 18 mm, IP 66, Colour: Grey

Article number	Article name	GTIN (EAN)	Packaging unit
28579.6	KDS-DEG 17-18 GR	4044211215309	10 ST

Seal, Mounting type: Plug in, Length x width: 42.8 mm, Max. cable diameter: 19 mm, IP 66, Colour: Grey

Article number	Article name	GTIN (EAN)	Packaging unit
28580.6	KDS-DEG 18-19 GR	4044211215323	10 ST

Data sheet

28604.4 KDS-Set 8/16 BK

Big Seals

Seal dummy, Mounting type: Plug in, Length x width: 42.8 mm, IP 66, Colour: Grey

Article number	Article name	GTIN (EAN)	Packaging unit
28575.6	KDS-DEG/B GR	4044211215248	10 ST

Seal, Mounting type: Plug in, Length x width: 42.8 mm, Max. cable diameter: 15 mm, IP 66, Colour: Grey

Article number	Article name	GTIN (EAN)	Packaging unit
28576.6	KDS-DEG 14-15 GR	4044211209971	10 ST

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

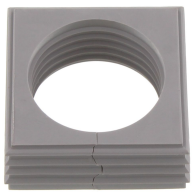
Article number	Article name	GTIN (EAN)	Packaging unit
28577.6	KDS-DEG 15-16 GR	4044211215262	10 ST

Seal, Mounting type: Plug in, Length x width: 42.8 mm, Max. cable diameter: 17 mm, IP 66, Colour: Grey

Article number	Article name	GTIN (EAN)	Packaging unit
28578.6	KDS-DEG 16-17 GR	4044211215286	10 ST

Seal, Mounting type: Plug in, Length x width: 42.8 mm, Max. cable diameter: 32 mm, IP 66, Colour: Grey

Article number	Article name	GTIN (EAN)	Packaging unit
28593.6	KDS-DEG 31-32 GR	4044211215583	10 ST



Seal, Mounting type: Plug in, Length x width: 42.8 mm, Max. cable diameter: 33 mm, IP 66, Colour: Grey

Article number	Article name	GTIN (EAN)	Packaging unit
28594.6	KDS-DEG 32-33 GR	4044211215606	10 ST

Data sheet

28604.4 KDS-Set 8/16 BK

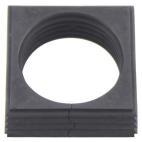
Big Seals

Seal, Mounting type: Plug in, Length x width: 42.8 mm, Max. cable diameter: 34 mm, IP 66, Colour: Black

Article number	Article name	GTIN (EAN)	Packaging unit
28730.4	KDS-DEG 33-34 BK	4044211220969	10 ST

Seal, Mounting type: Plug in, Length x width: 42.8 mm, Max. cable diameter: 34 mm, IP 66, Colour: Grey

Article number	Article name	GTIN (EAN)	Packaging unit
28731.6	KDS-DEG 33-34 GR	4044211220976	10 ST



Seal, Mounting type: Plug in, Length x width: 42.8 mm, Max. cable diameter: 35 mm, IP 66, Colour: Black

Article number	Article name	GTIN (EAN)	Packaging unit
28732.4	KDS-DEG 34-35 BK	4044211220983	10 ST

Seal, Mounting type: Plug in, Length x width: 42.8 mm, Max. cable diameter: 35 mm, IP 66, Colour: Grey

Article number	Article name	GTIN (EAN)	Packaging unit
28733.6	KDS-DEG 34-35 GR	4044211220990	10 ST

Seal, Mounting type: Plug in, Length x width: 42.8 mm, Max. cable diameter: 23 mm, IP 66, Colour: Black

Article number	Article name	GTIN (EAN)	Packaging unit
28543.4	KDS-DEG 22-23 BK	4044211215415	10 ST

Seal, Mounting type: Plug in, Length x width: 42.8 mm, Max. cable diameter: 24 mm, IP 66, Colour: Black

Article number	Article name	GTIN (EAN)	Packaging unit
28554.4	KDS-DEG/K 7-24 BK	4044211216108	10 ST

Data sheet

28604.4 KDS-Set 8/16 BK

Big Seals

Seal, Mounting type: Plug in, Length x width: 42.8 mm, Max. cable diameter: 24 mm, IP 66, Colour: Grey

Article number	Article name	GTIN (EAN)	Packaging unit
28585.6	KDS-DEG 23-24 GR	4044211215422	10 ST

Seal, Mounting type: Plug in, Length x width: 42.8 mm, Max. cable diameter: 25 mm, IP 66, Colour: Grey

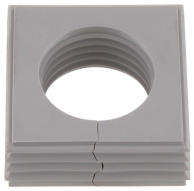
Article number	Article name	GTIN (EAN)	Packaging unit
28586.6	KDS-DEG 24-25 GR	4044211215446	10 ST

Seal, Mounting type: Plug in, Length x width: 42.8 mm, Max. cable diameter: 26 mm, IP 66, Colour: Grey

Article number	Article name	GTIN (EAN)	Packaging unit
28587.6	KDS-DEG 25-26 GR	4044211215477	10 ST

Seal, Mounting type: Plug in, Length x width: 42.8 mm, Max. cable diameter: 27 mm, IP 66, Colour: Grey

Article number	Article name	GTIN (EAN)	Packaging unit
28588.6	KDS-DEG 26-27 GR	4044211215484	10 ST



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

Article number	Article name	GTIN (EAN)	Packaging unit
28589.6	KDS-DEG 27-28 GR	4044211215507	10 ST

Seal, Mounting type: Plug in, Length x width: 42.8 mm, Max. cable diameter: 29 mm, IP 66, Colour: Grey

Article number	Article name	GTIN (EAN)	Packaging unit
28590.6	KDS-DEG 28-29 GR	4044211215521	10 ST

Data sheet

28604.4 KDS-Set 8/16 BK

Big Seals

Seal, Mounting type: Plug in, Length x width: 42.8 mm, Max. cable diameter: 30 mm, IP 66, Colour: Grey

Article number	Article name	GTIN (EAN)	Packaging unit
28591.6	KDS-DEG 29-30 GR	4044211215545	10 ST

Seal, Mounting type: Plug in, Length x width: 42.8 mm, Max. cable diameter: 31 mm, IP 66, Colour: Grey

Article number	Article name	GTIN (EAN)	Packaging unit
28592.6	KDS-DEG 30-31 GR	4044211215569	10 ST

Seal, Mounting type: Plug in, Length x width: 42.8 mm, Max. cable diameter: 19 mm, IP 66, Colour: Black

Article number	Article name	GTIN (EAN)	Packaging unit
28539.4	KDS-DEG 18-19 BK	4044211215330	10 ST

Seal, Mounting type: Plug in, Length x width: 42.8 mm, Max. cable diameter: 21 mm, IP 66, Colour: Black

Article number	Article name	GTIN (EAN)	Packaging unit
28541.4	KDS-DEG 20-21 BK	4044211215378	10 ST

Seal, Mounting type: Plug in, Length x width: 42.8 mm, Max. cable diameter: 22 mm, IP 66, Colour: Black

Article number	Article name	GTIN (EAN)	Packaging unit
28542.4	KDS-DEG 21-22 BK	4044211215392	10 ST

Actuating tool

Data sheet

28604.4 KDS-Set 8/16 BK

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

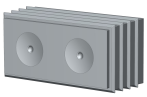
Article number	Article name	GTIN (EAN)	Packaging unit
28622.0	KDS BW 1	4044211216597	1 ST

EMC brackets

Shield-connection rail enabling mounting of shield connection clips directly on cable entry system KDS, Mounting type: Screw, Length: 35,3 mm, Width: 113 mm, Height: 16 mm, Profile: 10x3 mm

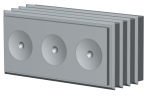
Article number	Article name	GTIN (EAN)	Packaging unit
28625.0	KDS-EMV-SAB 8/16	4044211219642	1 ST

DES seals



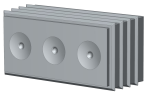
Seal, Mounting type: Plug in, Length 42.7 mm, Width: 20.3 mm, IP54, Colour: Grey

Article number	Article name	GTIN (EAN)	Packaging unit
28800.6	KDS-DES 2X10,5 GR	4044211227616	5 ST



Seal, Mounting type: Plug in, Length 42.7 mm, Width: 20.3 mm, IP54, Colour: Grey

Article number	Article name	GTIN (EAN)	Packaging unit
28801.6	KDS-DES 3X9,5 GR	4044211227623	5 ST



Seal, Mounting type: Plug in, Length 42.7 mm, Width: 20.3 mm, IP54, Colour: Grey

Article number	Article name	GTIN (EAN)	Packaging unit
28802.6	KDS-DES 3X8,5 GR	4044211227630	5 ST

Data sheet

28604.4 KDS-Set 8/16 BK

DES seals

Seal, Mounting type: Plug in, Length 42.7 mm, Width: 20.3 mm, IP54, Colour: Grey

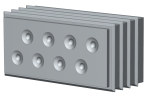
Article number	Article name	GTIN (EAN)	Packaging unit
28803.6	KDS-DES 4X7,5 GR	4044211233815	5 ST

Seal, Mounting type: Plug in, Length 42.7 mm, Width: 20.3 mm, IP54, Colour: Grey

Article number	Article name	GTIN (EAN)	Packaging unit
28804.6	KDS-DES 7X6,5 GR	4044211233839	5 ST

Seal, Mounting type: Plug in, Length 42.7 mm, Width: 20.3 mm, IP54, Colour: Grey

Article number	Article name	GTIN (EAN)	Packaging unit
28805.6	KDS-DES 8X5,5 GR	4044211233822	5 ST



Seal, Mounting type: Plug in, Length 42.7 mm, Width: 20.3 mm, IP54, Colour: Grey

Article number	Article name	GTIN (EAN)	Packaging unit
28806.6	KDS-DES 8X4,5 GR	4044211233846	5 ST

Sheet-metal puncher

Sheet-metal puncher

Article number	Article name	GTIN (EAN)	Packaging unit
28676.0	BL KDS-SR 8/16	4044211217464	1 ST

Sheet metal punch for rectangular openings, Dimensions opening: 103 x 46 mm, Maximum wall thickness: 2.0 mm for stainless steel sheet, Material: steel

Article number	Article name	GTIN (EAN)	Packaging unit
28685.0	BL-VA KDS-SR 8/16	4044211218805	1 ST