

CABTITE CGS M20 BK**Weidmüller Interface GmbH & Co. KG**Klingenbergstraße 26
D-32758 Detmold
Germanywww.weidmueller.com

For metric M20 to M63 through-holes, the Cabtite cable entry system offers separable cable glands for cables with and without plugs. In case of maintenance or changes in the system, pre-assembled cables with diameters of 2 to 35 mm can be inserted quickly and safely in panels or enclosures. Reliable sealing of IP66 in accordance with DIN EN 60529 and an absolutely secure fitting (strain relief based on DIN EN 62444) is ensured by placing slotted sealing elements with a wave cut around the cable before being inserted into one of the two halves of the cable gland. The separable system ensures easy and fast installation. After inserting the sealing element, the two halves of the cable gland are simply snapped together. A locknut, which is also separable, on the inside of the panel ensures a reliable and secure hold.

General ordering data

Version	separable cable gland, Cabtite (cable entry system), Polyamide, glass fibre-reinforced, Deep black, Height: 23.7 mm, M 20, -40 °C... 120 °C, IP66
Order No.	2584200000
Type	CABTITE CGS M20 BK
GTIN (EAN)	4050118616576
Qty.	10 items

CABTITE CGS M20 BK

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Technical data

Approvals

Approvals



ROHS Conform

Dimensions and weights

Depth	38.7 mm	Depth (inches)	1.5236 inch
Height	23.7 mm	Height (inches)	0.9331 inch
Width	40 mm	Width (inches)	1.5748 inch
Length	38.7 mm	Length (inches)	1.5236 inch
Net weight	11.05 g		

Temperatures

Operating temperature -40 °C... 120 °C

Environmental Product Compliance

RoHS Compliance Status Compliant without exemption
 REACH SVHC No SVHC above 0.1 wt%

General information

Tightening torque, max.	4 Nm	Tightening torque, min.	3.8 Nm
Silicone	No	UL 94 flammability rating	V-0
Pitch of thread	1.5 mm	Halogen	No
AF size 1	38 mm	AF size 2	28 mm
Protection degree	IP66	Basic material	Polyamide, glass fibre-reinforced
Sealing	TPE	External thread	M 20
Length of thread	15 mm	Opening diameter	20 mm
Sealing element	1 small sealing element		

Classifications

ETIM 8.0	EC000441	ETIM 9.0	EC000441
ETIM 10.0	EC000441	ECLASS 14.0	27-14-08-01
ECLASS 15.0	27-14-08-01		

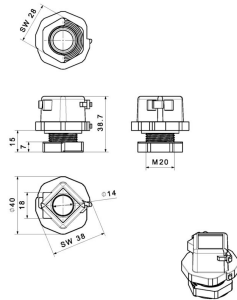
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Drawings

Dimensioned drawing



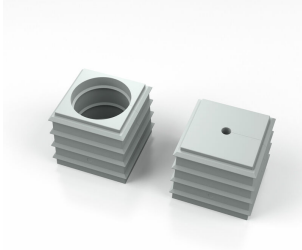
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Accessories

SE small 20x20mm in grey



Whether a large or small cable diameter – Cabtite always offers the right seal insert.

The conical shape of the sealing elements allows the previously positioned snap-in grid inlays to be pushed in easily from the inside to the outside. It reliably seals intermediate spaces and provides strain relief in accordance with DIN EN 62444. The seal inserts combined with the frames achieve an IP 66 degree of protection. As a result of its slotted design with wave cut, it is especially suitable for pre-assembled cables.

- The black seal inserts are designed for a particularly high operating temperature and offer fire safety class UL 94 HB
- The grey sealing elements comply with fire safety class UL 94 V0 and are therefore suitable for the demands of the railway industry
- By using multiple inserts, two or more cables, as well as special cables, can be passed through a sealing element

General ordering data

Type	CABTITE BSE SML GY	Version
Order No.	2583350000	Sealing element, Cabtite (cable entry system), TPE, Light Grey, Height:
GTIN (EAN)	4050118615609	20.3 mm, Width: 20.3 mm, Depth: 17.7 mm, -40 °C...90 °C, IP66
Qty.	10 ST	
Type	CABTITE SE 5-6 SML GY	Version
Order No.	2583450000	Sealing element, Cabtite (cable entry system), TPE, Light Grey, Height:
GTIN (EAN)	4050118616538	20.3 mm, Width: 20.3 mm, Depth: 17.7 mm, -40 °C...90 °C, IP66
Qty.	10 ST	
Type	CABTITE SE 6-7 SML GY	Version
Order No.	2583460000	Sealing element, Cabtite (cable entry system), TPE, Light Grey, Height:
GTIN (EAN)	4050118616668	20.3 mm, Width: 20.3 mm, Depth: 17.7 mm, -40 °C...90 °C, IP66
Qty.	10 ST	
Type	CABTITE SE 2/5-6 SML GY	Version
Order No.	2584890000	Sealing element, Cabtite (cable entry system), TPE, Light Grey, Height:
GTIN (EAN)	4050118616781	20.3 mm, Width: 20.3 mm, Depth: 17.7 mm, -40 °C...90 °C, IP66
Qty.	10 ST	

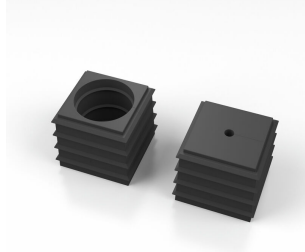
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Accessories

SE small 20x20mm in black



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General ordering data

Type	CABTITE BSE SML BK	Version
Order No.	2584790000	Sealing element, Cabtite (cable entry system), TPE, Deep black,
GTIN (EAN)	4050118616057	Height: 20.3 mm, Width: 20.3 mm, Depth: 17.7 mm, -40 °C...120 °C,
Qty.	10 ST	IP66
Type	CABTITE SE 7-8 SML BK	Version
Order No.	2584670000	Sealing element, Cabtite (cable entry system), TPE, Deep black,
GTIN (EAN)	4050118616989	Height: 20.3 mm, Width: 20.3 mm, Depth: 17.7 mm, -40 °C...120 °C,
Qty.	10 ST	IP66
Type	CABTITE SE 9-10 SML BK	Version
Order No.	2584080000	Sealing element, Cabtite (cable entry system), TPE, Deep black,
GTIN (EAN)	4050118616309	Height: 20.3 mm, Width: 20.3 mm, Depth: 17.7 mm, -40 °C...120 °C,
Qty.	10 ST	IP66
Type	CABTITE SE 4/4-5 SML BK	Version
Order No.	2583560000	Sealing element, Cabtite (cable entry system), TPE, Deep black,
GTIN (EAN)	4050118616897	Height: 20.3 mm, Width: 20.3 mm, Depth: 17.7 mm, -40 °C...120 °C,
Qty.	10 ST	IP66

Blanking plug

The blanking plugs are used for the safe closing of unneeded cable passages in the sealing elements.



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Accessories

General ordering data

Type	CABTITE BP 5MM PA	Version
Order No.	2652330000	Blind plug, Cabtite (cable entry system), Polyamide, white, Height: 12 mm, Width: 5 mm, Depth: 12 mm, -40 °C... 120 °C, IP66
GTIN (EAN)	4050118661835	
Qty.	25 ST	
Type	CABTITE BP 6MM PA	Version
Order No.	2652340000	Blind plug, Cabtite (cable entry system), Polyamide, white, Height: 16 mm, Width: 6 mm, Depth: 16 mm, -40 °C... 120 °C, IP66
GTIN (EAN)	4050118661842	
Qty.	25 ST	
Type	CABTITE BP 7MM PA	Version
Order No.	2652350000	Blind plug, Cabtite (cable entry system), Polyamide, white, Height: 16 mm, Width: 7 mm, Depth: 16 mm, -40 °C... 120 °C, IP66
GTIN (EAN)	4050118662450	
Qty.	25 ST	
Type	CABTITE BP 8MM PA	Version
Order No.	2652360000	Blind plug, Cabtite (cable entry system), Polyamide, white, Height: 16 mm, Width: 8 mm, Depth: 16 mm, -40 °C... 120 °C, IP66
GTIN (EAN)	4050118662467	
Qty.	25 ST	
Type	CABTITE BP 9MM PA	Version
Order No.	2652370000	Blind plug, Cabtite (cable entry system), Polyamide, white, Height: 16 mm, Width: 9 mm, Depth: 16 mm, -40 °C... 120 °C, IP66
GTIN (EAN)	4050118662474	
Qty.	25 ST	
Type	CABTITE BP 10MM PA	Version
Order No.	2652380000	Blind plug, Cabtite (cable entry system), Polyamide, white, Height: 16 mm, Width: 10 mm, Depth: 16 mm, -40 °C... 120 °C, IP66
GTIN (EAN)	4050118662481	
Qty.	25 ST	

Round splitting stamp for metric cable glands



Weidmüller punching tools should be your first choice for making cut-outs in your electrical cabinets!

- PG cable glands
- M cable glands
- Special cable glands

Not suitable for stainless steel!

General ordering data

Type	KOS PG 13/M20	Version
Order No.	9204950000	Sheet holes
GTIN (EAN)	4032248694181	
Qty.	1 ST	

CABTITE CGS M20 BK**Weidmüller Interface GmbH & Co. KG**Klingenbergstraße 26
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Germanywww.weidmueller.com**Accessories****Cabtite - Separable Cable Glands**

For metric M20 to M63 through-holes, the Cabtite cable entry system offers separable cable glands for cables with and without plugs. In case of maintenance or changes in the system, pre-assembled cables with diameters of 2 to 35 mm can be inserted quickly and safely in panels or enclosures. Reliable sealing of IP66 in accordance with DIN EN 60529 and an absolutely secure fitting (strain relief based on DIN EN 62444) is ensured by placing slotted sealing elements with a wave cut around the cable before being inserted into one of the two halves of the cable gland. The separable system ensures easy and fast installation. After inserting the sealing element, the two halves of the cable gland are simply snapped together. A locknut, which is also separable, on the inside of the panel ensures a reliable and secure hold.

General ordering data

Type	CABTITE LNS M20 BK	Version
Order No.	2584110000	separable locknut, Cabtite (cable entry system), Polyamide, glass fibre-
GTIN (EAN)	4050118616408	reinforced, Deep black, Height: 28 mm, Width: 28 mm, Depth: 7 mm,
Qty.	10 ST	-40 °C...120 °C