

**CABTITE CGS M40 BK****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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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 lock-nut, 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: 24.7 mm, M 40, -40 °C... 120 °C, IP66 |
| Order No.         | <a href="#">2584150000</a>                                                                                                                        |
| Type              | CABTITE CGS M40 BK                                                                                                                                |
| GTIN (EAN)        | 4050118616415                                                                                                                                     |
| Qty.              | 5 pc(s).                                                                                                                                          |
| Replacement parts | <a href="#">2584050000</a>                                                                                                                        |

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**Technical data****Dimensions and weights**

|            |         |                 |            |
|------------|---------|-----------------|------------|
| Depth      | 39.7 mm | Depth (inches)  | 1.563 inch |
| Height     | 24.7 mm | Height (inches) | 0.972 inch |
| Width      | 72 mm   | Width (inches)  | 2.835 inch |
| Length     | 39.7 mm | Length (inches) | 1.563 inch |
| Net weight | 28.2 g  |                 |            |

**Temperatures**

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

**General information**

|                           |                                                     |                         |                                   |
|---------------------------|-----------------------------------------------------|-------------------------|-----------------------------------|
| AF size 1                 | 68 mm                                               | AF size 2               | 48 mm                             |
| External thread           | M 40                                                | Halogen                 | No                                |
| Length of thread          | 15 mm                                               | Material                | Polyamide, glass fibre-reinforced |
| Opening diameter          | 40 mm                                               | Pitch of thread         | 1.5 mm                            |
| Protection degree         | IP66                                                | Sealing                 | TPE                               |
| Sealing element           | 1 large sealing element or 4 small sealing elements | Silicone                | No                                |
| Tightening torque, max.   | 7 Nm                                                | Tightening torque, min. | 6.8 Nm                            |
| UL 94 flammability rating | V-0                                                 |                         |                                   |

**Classifications**

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC000441    | ETIM 7.0    | EC000441    |
| ETIM 8.0    | EC000441    | ETIM 9.0    | EC000441    |
| ETIM 10.0   | EC000441    | ECLASS 9.0  | 27-14-44-32 |
| ECLASS 9.1  | 27-14-44-32 | ECLASS 10.0 | 27-14-44-32 |
| ECLASS 11.0 | 27-14-44-32 | ECLASS 12.0 | 27-14-08-01 |
| ECLASS 13.0 | 27-14-08-01 | ECLASS 14.0 | 27-14-08-01 |
| ECLASS 15.0 | 27-14-08-01 |             |             |

**Environmental Product Compliance**

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

**Approvals**

Approvals



|                 |                                                                                                                                                                             |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Approvals MAMID | <a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/</a> |
| ROHS            | Conform                                                                                                                                                                     |

**Downloads**

|                                             |                                                                                     |
|---------------------------------------------|-------------------------------------------------------------------------------------|
| Approval/Certificate/Document of Conformity | <a href="#">EU Declaration of Conformity - Separable Cable Glands (Cabtite CGS)</a> |
| Engineering Data                            | <a href="#">CAD data – STEP</a>                                                     |
| User Documentation                          | <a href="#">Installation Instructions</a>                                           |
| Catalogues                                  | <a href="#">Catalogues in PDF-format</a>                                            |

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Catalogue status 26.04.2025 / We reserve the right to make technical changes.

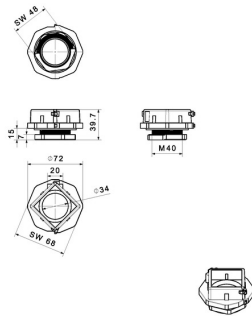
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# Drawings

## Dimensioned drawing



## CABTITE CGS M40 BK

Weidmüller Interface GmbH &amp; Co. KG

Klingenbergstraße 26

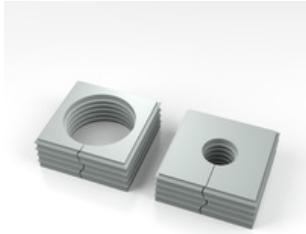
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## Accessories

## SE large 40x40mm 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 LRG GY         | Version                                                                 |
| Order No.  | <a href="#">2584520000</a> | Sealing element, Cabtite (cable entry system), TPE, Light Grey, Height: |
| GTIN (EAN) | 4050118616330              | 42.8 mm, Width: 42.8 mm, Depth: 17.7 mm, -40 °C...90 °C, IP66           |
| Qty.       | 10 pc(s).                  |                                                                         |
| Type       | CABTITE SE 19-20 LRG GY    | Version                                                                 |
| Order No.  | <a href="#">2584460000</a> | Sealing element, Cabtite (cable entry system), TPE, Light Grey, Height: |
| GTIN (EAN) | 4050118616491              | 42.8 mm, Width: 42.8 mm, Depth: 17.7 mm, -40 °C...90 °C, IP66           |
| Qty.       | 10 pc(s).                  |                                                                         |

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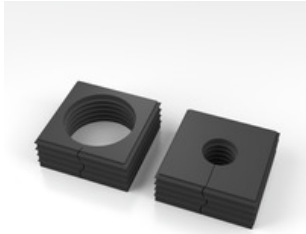
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## Accessories

## SE large 40x40mm in black



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## General ordering data

|            |                            |                                                                    |
|------------|----------------------------|--------------------------------------------------------------------|
| Type       | CABTITE CSE 7-24 LRG BK    | Version                                                            |
| Order No.  | <a href="#">2583500000</a> | Sealing element, Cabtite (cable entry system), TPE, Deep black,    |
| GTIN (EAN) | 4050118615975              | Height: 42.8 mm, Width: 42.8 mm, Depth: 63 mm, -40 °C... 120 °C,   |
| Qty.       | 10 pc(s).                  | IP66                                                               |
| Type       | CABTITE BSE LRG BK         | Version                                                            |
| Order No.  | <a href="#">2583900000</a> | Sealing element, Cabtite (cable entry system), TPE, Deep black,    |
| GTIN (EAN) | 4050118616378              | Height: 42.8 mm, Width: 42.8 mm, Depth: 17.7 mm, -40 °C... 120 °C, |
| Qty.       | 10 pc(s).                  | IP66                                                               |

## 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-M40                    | Version     |
| Order No.  | <a href="#">9204920000</a> | Sheet holes |
| GTIN (EAN) | 4032248694150              |             |
| Qty.       | 1 pc(s).                   |             |

## CABTITE CGS M40 BK

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## Accessories

## Blanking plug

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



## General ordering data

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

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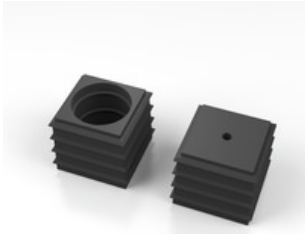
D-32758 Detmold

Germany

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## Accessories

## SE small 20x20mm in black



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

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## General ordering data

|            |                            |                                                                    |
|------------|----------------------------|--------------------------------------------------------------------|
| Type       | CABTITE SE 9-10 SML BK     | Version                                                            |
| Order No.  | <a href="#">2584080000</a> | 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 pc(s).                  | IP66                                                               |
| Type       | CABTITE SE 4/4-5 SML BK    | Version                                                            |
| Order No.  | <a href="#">2583560000</a> | 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 pc(s).                  | IP66                                                               |
| Type       | CABTITE BSE SML BK         | Version                                                            |
| Order No.  | <a href="#">2584790000</a> | 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 pc(s).                  | IP66                                                               |
| Type       | CABTITE SE 7-8 SML BK      | Version                                                            |
| Order No.  | <a href="#">2584670000</a> | 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 pc(s).                  | IP66                                                               |

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## Accessories

### Inlays

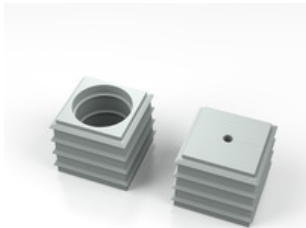


The pluggable click inlays allow the frame openings to be configured as required for use with small or large sealing elements. An audible "click" confirms correct installation. This means that the Cabtite cable entry system can be variably configured for different requirements (cables, conductors, hoses, pneumatic and hydraulic lines).

#### General ordering data

| Type       | CABTITE GI X BK            | Version                                                                 |
|------------|----------------------------|-------------------------------------------------------------------------|
| Order No.  | <a href="#">2584290000</a> | Inlay, Cabtite (cable entry system), Polyamide, glass fibre-reinforced, |
| GTIN (EAN) | 4050118616439              | Deep black, Height: 44 mm, Width: 44 mm, Depth: 17.5 mm, -40 °C...      |
| Qty.       | 5 pc(s).                   | 120 °C, IP66                                                            |

### SE small 20x20mm in grey



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#### General ordering data

| Type       | CABTITE SE 5-6 SML GY      | Version                                                                 |
|------------|----------------------------|-------------------------------------------------------------------------|
| Order No.  | <a href="#">2583450000</a> | 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 pc(s).                  |                                                                         |
| Type       | CABTITE SE 6-7 SML GY      | Version                                                                 |
| Order No.  | <a href="#">2583460000</a> | 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 pc(s).                  |                                                                         |
| Type       | CABTITE BSE SML GY         | Version                                                                 |
| Order No.  | <a href="#">2583350000</a> | 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 pc(s).                  |                                                                         |



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| Type       | CABTITE SE 2/5-6 SML GY    | Version                                                                 |  |
|------------|----------------------------|-------------------------------------------------------------------------|--|
| Order No.  | <a href="#">2584890000</a> | 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 pc(s).                  |                                                                         |  |

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[www.weidmueller.com](http://www.weidmueller.com)**Replacement parts****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 M40 BK         | Version                                                                  |
| Order No.  | <a href="#">2584050000</a> | separable locknut, Cabtite (cable entry system), Polyamide, glass fibre- |
| GTIN (EAN) | 4050118616927              | reinforced, Deep black, Height: 48 mm, Width: 48 mm, Depth: 7 mm,        |
| Qty.       | 5 pc(s).                   | -40 °C...120 °C                                                          |