

**CH20M45 FC GGY 2019****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**Product image**

The front element of the CH20M housing offers you numerous options for individual design and functionality. You can choose between various printing methods such as pad printing and laser engraving to implement your designs precisely and attractively.

Laser cut-outs for electronic components are also possible. Markers can also be used. The front element can be equipped with or without a hinged lid.

**General ordering data**

|                                                               |                                                                                           |
|---------------------------------------------------------------|-------------------------------------------------------------------------------------------|
| Version                                                       | Front element, OMNIMATE Housing - series CH20M Graphite grey, Front element, Width: 45 mm |
| Order No.                                                     | <a href="#">1164730000</a>                                                                |
| Type                                                          | CH20M45 FC GGY 2019                                                                       |
| GTIN (EAN)                                                    | 4032248954407                                                                             |
| Qty.                                                          | 30 pc(s).                                                                                 |
| Information regarding whole assembly, see referenced articles | <a href="#">1104410000</a>                                                                |

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Catalogue status 07.06.2025 / We reserve the right to make technical changes.

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## Technical data

## Dimensions and weights

|            |          |                 |            |
|------------|----------|-----------------|------------|
| Depth      | 15.5 mm  | Depth (inches)  | 0.61 inch  |
| Height     | 100 mm   | Height (inches) | 3.937 inch |
| Width      | 45 mm    | Width (inches)  | 1.772 inch |
| Net weight | 10.667 g |                 |            |

## Temperatures

|                     |                                                   |                             |              |
|---------------------|---------------------------------------------------|-----------------------------|--------------|
| Ambient temperature | -25 °C...85 °C                                    | Operating temperature range | -40...120 °C |
| Humidity            | 5 - 93% rel. humidity, Tu = 40°C, no condensation |                             |              |

## Material data

|                                  |           |                           |             |
|----------------------------------|-----------|---------------------------|-------------|
| Comparative Tracking Index (CTI) | 600 ≤ CTI | Insulating material       | PA 66 GF 30 |
| Insulating material group        | I         | Material                  | Plastic     |
| Surface finish                   | untreated | UL 94 flammability rating | V-0         |

## General data

|                      |               |                        |                         |
|----------------------|---------------|------------------------|-------------------------|
| Colour               | Graphite grey | Colour chart (similar) | RAL 7024                |
| Encapsulation option | No            | Protection degree      | IP20 in installed state |

## Component properties

|                      |    |                      |    |
|----------------------|----|----------------------|----|
| Flip cover mountable | No | Marker integrateable | No |
|----------------------|----|----------------------|----|

## Individualization options

|                                    |                                |                                      |                           |
|------------------------------------|--------------------------------|--------------------------------------|---------------------------|
| Customer specific cutouts possible | Yes                            | Customer specific labelling possible | Yes                       |
| Customer specific order process    | See guideline under down-loads | Processing possibilities             | Laser processing, Milling |

## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 7.0    | EC001031    | ETIM 8.0    | EC001031    |
| ETIM 9.0    | EC001031    | ETIM 10.0   | EC001031    |
| ECLASS 11.0 | 27-18-27-92 | ECLASS 12.0 | 27-18-27-92 |
| ECLASS 13.0 | 27-19-06-03 | ECLASS 14.0 | 27-19-06-03 |
| ECLASS 15.0 | 27-19-06-03 |             |             |

## Environmental Product Compliance

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

## Approvals

|      |         |
|------|---------|
| ROHS | Conform |
|------|---------|

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### Downloads

|                    |                                                                                                                                                                                                 |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Engineering Data   | <a href="#">CAD data – STEP</a>                                                                                                                                                                 |
| User Documentation | <a href="#">Guideline customerspecific housings CH20M12-67</a><br><a href="#">Guideline kundenspezifische Gehäuse CH20M12-67</a>                                                                |
| Catalogues         | <a href="#">Catalogues in PDF-format</a>                                                                                                                                                        |
| Brochures          | <a href="#">FL ANALO.SIGN.CONV. EN</a><br><a href="#">MB DEVICE MANUF. EN</a><br><a href="#">FL MACHINE SAFETY EN</a><br><a href="#">FL 72H SAMPLE SER EN</a><br><a href="#">PO OMNIMATE EN</a> |

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# Drawings

## Product image



## Dimensioned drawing

