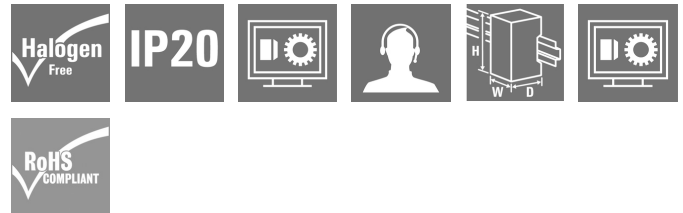


**CH20M AD SHL 5.00/03 BK 2010****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**Product image****Future-proof solutions for industrial electronics for mounting in the control cabinet**

Electronic housings are crucial for the integration of electronic assemblies in the control cabinet. They protect sensitive components and ensure reliable connections. Thanks to high-quality materials, they offer long-term solutions for industrial applications.

**Your advantages:**

Flexibility: Scalable solutions for different requirements

Safety: Robust design to protect your electronics

Efficiency: Simple installation and optimized connection technology

**Housing solutions for every application:**

Our portfolio includes modular housings (e.g. CH20M), small housings and profile housings designed for control, signal conversion and safety applications. These housings offer customizable designs, easy mounting and high connection capacity.

**Customization:**

In addition to standard solutions, we offer customization in design, color and printing. The Weidmüller Configurator enables individual design.

**Our service:**

We offer expert advice and technical support for your projects. In the download area you will find CAD data, data sheets and installation instructions for efficient integration.

**General ordering data**

|            |                                                                                 |
|------------|---------------------------------------------------------------------------------|
| Version    | Hood, OMNIMATE Housing - series CH20M black, Side element cover, Width: 17.5 mm |
| Order No.  | <a href="#">1254110000</a>                                                      |
| Type       | CH20M AD SHL 5.00/03 BK 2010                                                    |
| GTIN (EAN) | 4050118046922                                                                   |
| Qty.       | 50 pc(s).                                                                       |

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## Technical data

## Dimensions and weights

|            |         |                 |            |
|------------|---------|-----------------|------------|
| Depth      | 23.4 mm | Depth (inches)  | 0.921 inch |
| Height     | 15.2 mm | Height (inches) | 0.598 inch |
| Width      | 17.5 mm | Width (inches)  | 0.689 inch |
| Net weight | 1.44 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               | black | Colour chart (similar) | RAL 9011                |
| Encapsulation option | No    | Protection degree      | IP20 in installed state |

## 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 | 27-19-06-05 | ECLASS 14.0 | 27-19-06-05 |
| ECLASS 15.0 | 27-19-06-05 |             |             |

## Environmental Product Compliance

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

## Approvals

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

## Downloads

|                  |                                          |
|------------------|------------------------------------------|
| Engineering Data | <a href="#">CAD data – STEP</a>          |
| Catalogues       | <a href="#">Catalogues in PDF-format</a> |
| Brochures        |                                          |

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**Drawings****Product image****Dimensioned drawing**