

CH20M17 C BK 1819**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Product image****Superior efficiency, flexibility and design - the "standard tailor-made fit"**

When selecting a housing design, flexibility is a key factor. Other important criteria are: scalability, customised design, innovative functionality and cost efficiency. You need a choice which offers the maximum performance with the minimum overhead.

The CH20M17 modular electronics housing is the ideal housing solution for compact standard electronics applications.

The entire system is characterized by excellence: outstanding scalability and flexibility, a high security level, innovative application functionality and a variety of practical details.

- **Quicker installation** with features such as "Wire ready" the universal multi-tool screw head
- **User-friendly operations:** with clear and permanent labelling and extra marking possibilities, integrated release clip or transparent cover
- **Maximum interference immunity** with EMC-compliant construction featuring deeply overlapping module joint edges made from high-performance plastic
- **High operational reliability** with the unique Auto-Set coding system and featuring double-sided touch protection on the pin header and socket blocks

CH20M - a compact name for the most flexible system available on the market. It doesn't just stand for "Component Housing IP20 Modular".

CH20M also stands for efficiency and innovation throughout design, production and use.

General ordering data

| | |
|---|--|
| Version | Modular housing, OMNIMATE Housing - series CH20M black, Flip cover, Width: 17.5 mm |
| Order No. | 1254150000 |
| Type | CH20M17 C BK 1819 |
| GTIN (EAN) | 4050118047059 |
| Qty. | 70 pc(s). |
| Information regarding whole assembly, see referenced articles | 1254130000 |

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Technical data

Dimensions and weights

| | | | |
|------------|---------|-----------------|------------|
| Depth | 6 mm | Depth (inches) | 0.236 inch |
| Height | 85.9 mm | Height (inches) | 3.382 inch |
| Width | 17.5 mm | Width (inches) | 0.689 inch |
| Net weight | 2.29 g | | |

Temperatures

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

Material data

| | | | |
|----------------------------------|----------------|---------------------------|-----|
| Comparative Tracking Index (CTI) | 175 ≤ CTI <400 | Insulating material | PC |
| Insulating material group | IIIa | UL 94 flammability rating | V-0 |

General data

| | | | |
|----------------------|-------|------------------------|-------------------------|
| Colour | black | Colour chart (similar) | RAL 9011 |
| Encapsulation option | No | Protection degree | IP20 in installed state |

Component properties

| | | | |
|----------------------|-----|-------------|----------|
| Marker integrateable | Yes | Safety lock | sealable |
|----------------------|-----|-------------|----------|

Individualization options

| | | | |
|------------------------------------|--------------------------------|--------------------------------------|-----|
| Customer specific cutouts possible | No | Customer specific labelling possible | Yes |
| Customer specific order process | See guideline under down-loads | | |

Classifications

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

Approvals

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

Downloads

| | |
|--------------------|---|
| Engineering Data | CAD data – STEP |
| User Documentation | Guideline customerspecific housings Guideline kundenspezifische Gehäuse |
| Catalogues | Catalogues in PDF-format |
| Brochures | FL ANALO.SIGN.CONV. EN MB DEVICE MANUF. EN FL MACHINE SAFETY EN FL 72H SAMPLE SER EN PO OMNIMATE EN PO OMNIMATE EN |

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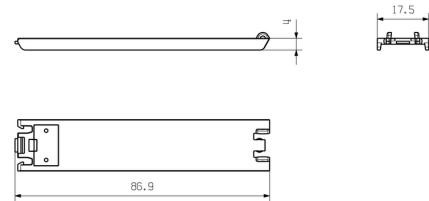
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Drawings

Product image



Dimensioned drawing



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www.weidmueller.com**Accessories****Blank**

ESG is the tried-and-tested marker in MultiCard format for use on many well-known electrical devices. The result is high-quality device marking with a high-contrast appearance.

Various types are available for devices from manufacturers like Siemens, ABB, Beckhoff etc.

Advantages at a glance:

- Tags for universal usage, self-adhesive or clip-on tags, depending on type
- For aligned equipment, e.g. circuit breakers, we supply ESG markers for clipping onto tag rails
- Individual laser-quality printing according to specifications

For custom printing: Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

General ordering data

| | | |
|------------|----------------------------|---|
| Type | ESG 8/13.5/43.3 SAI AU | Version |
| Order No. | 1912130000 | ESG, Device markers x 13.5 mm, PA 66, Colour: Transparent |
| GTIN (EAN) | 4032248541164 | |
| Qty. | 5 pc(s). | |

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www.weidmueller.com**Accessories****Custom printing**

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- Individual laser-quality printing according to specifications

For custom printing: Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

General ordering data

| | | |
|------------|----------------------------|---|
| Type | ESG 8/13.5/43.3 SAI SDR | Version |
| Order No. | 1038860000 | ESG, Device markers x 13.5 mm, PA 66, Colour: To customer |
| GTIN (EAN) | 4032248768110 | specification |
| Qty. | 1 pc(s). | |