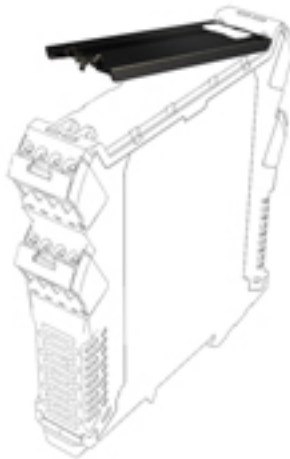


**OMNIMATE Housing - series CH20M
CH20M22 C BK 1819**

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com


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 CH20M22 modular electronics housing is the standard format from amongst the different housing widths. It has the optimal width for most typical 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 ESD-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

Type	CH20M22 C BK 1819
Order No.	2418670000
Version	Tilt cover, OMNIMATE Housing - series CH20M black, Transparent, Width: 22.5 mm
GTIN (EAN)	4032248899111
Qty.	50 pc(s).

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Technical data**Dimensions and weights**

Length	87 mm	Length (inches)	3.425 inch
Width	22.5 mm	Width (inches)	0.886 inch
Height	4 mm	Height (inches)	0.157 inch
Net weight	3.82 g		

System characteristics

Contact to terminal rail	No	Encapsulation option	No
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Material data

Insulating material	PC	Colour	black, Transparent
Colour chart (similar)	RAL 9011	Insulating material group	IIIa
CTI	≥ 250	UL 94 flammability rating	V-2
Storage temperature, min.	-40 °C	Storage temperature, max.	85 °C
Max. relative humidity during storage	80 %	Operating temperature, min.	-40 °C
Operating temperature, max.	120 °C	Temperature range, installation, min.	-25 °C
Temperature range, installation, max.	85 °C		

Classifications

ETIM 5.0	EC001031	ETIM 6.0	EC001031
eClass 6.2	27-18-09-90	eClass 7.1	27-18-27-02
eClass 8.1	27-18-27-02	eClass 9.0	27-18-27-90
eClass 9.1	27-18-27-90		

Notes

Notes

Approvals

ROHS	Conform
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Downloads

Brochure/Catalogue	CAT 2 PORTFOLIOGUIDE EN
Engineering Data	STEP

Data sheet

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Drawings

