

OMNIMATE Housing - series CH20M CH20M12 B AGY/BK 3747

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



Similar to illustration

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, customized design, innovative functionality and cost efficiency. You need a choice which offers the maximum performance with the minimum overhead.

The CH20M12 modular electronics housing is the "small" option amongst the "large" housing solutions for compact 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

Type	CH20M12 B AGY/BK 3747
Order No.	2554620000
Version	Flange-mounted housing, OMNIMATE Housing - series CH20M Agate grey, Width: 12 mm
GTIN (EAN)	4050118565058
Qty.	14 pc(s).

**OMNIMATE Housing - series CH20M
CH20M12 B AGY/BK 3747**

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

Technical data**Dimensions and weights**

Length	107.4 mm	Length (inches)	4.228 inch
Width	12 mm	Width (inches)	0.472 inch
Height	109.3 mm	Height (inches)	4.303 inch
Net weight	31.47 g		

System characteristics

Type of connection	without	Number of PCBs per module	1
PCB thickness	1.6 mm	Tolerance for the PCB shape	±0.15 mm
Protection degree	IP20	Encapsulation option	No

Material data

Insulating material	PA 66 GF 30	Colour	Agate grey
Insulating material group	II	CTI	≥ 550
UL 94 flammability rating	V-0	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	27-18-27-02	eClass 7.1	27-18-27-02
eClass 8.1	27-18-27-02	eClass 9.0	27-18-27-90

Notes

Notes

Approvals

ROHS Conform

DownloadsEngineering Data [STEP](#)

Data sheet

**OMNIMATE Housing - series CH20M
CH20M12 B AGY/BK 3747**

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

Drawings



Similar to illustration

