### 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 EMCcompliant 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

Туре	CH20M12 B AGY/BK 3747		
Order No.	2554620000		
Version	Flange-mounted housing, OMNIMATE Housing - series CH2OM Agate grey, Width: 12 mm		
GTIN (EAN)	4050118565058		
Qty.	14 pc(s).		

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

# **Technical data**

**Dimensions and weights** 



### Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 16 D-32758 Detmold Germany Fon: +49 5231 14-0 Fax: +49 5231 14-292083 www.weidmueller.com

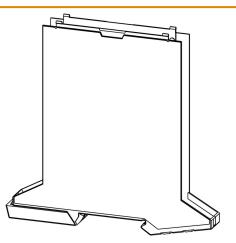
Length	107.4 mm	Length (inches)	4.228 inch
Width	12 mm	Width (inches)	0.472 inch
Height	109.3 mm	Height (inches)	4.303 inch
Net weight	31.47 g		
System characteristics			
Type of connection	without	Number of PCBs per module	1
PCB thickness	1.6 mm	Tolerance for the PCB shape	±0.15 mm
Protection degree	IP20	Encapsulation option	No
Material data			
Insulating material	PA 66 GF 30	Colour	Agate grey
Insulating material group	<u>  </u>	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		
Downloads			
Engineering Data	STEP		

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

# Drawings



Similar to illustration





### Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 16 D-32758 Detmold Germany Fon: +49 5231 14-0 Fax: +49 5231 14-292083 www.weidmueller.com

