Weidmüller ϾϾ

OMNIMATE Housing - series CH20M
CH20M12 S PSCSC BL 2013

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 S PSCSC BL 2013
Order No.	1104230000
Version	Modular housing, OMNIMATE Housing - series CH20M blue, Side element, Width: 12.5 mm
GTIN (EAN)	4032248878840
Qty.	14 pc(s).

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Technical data

Dimensions and weights

Length	105.49 mm	Length (inches)	4.153 inch
Width	12.5 mm	Width (inches)	0.492 inch
Height	22.83 mm	Height (inches)	0.899 inch
Net weight	7.76 g		

System characteristics

Version	Side element	Number of connections	2
Number of connection levels	1	Number of PCBs per module	1
Contact to terminal rail	No	Encapsulation option	No

Material data

Insulating material	PA 66 GF 30	Colour	blue
Colour chart (similar)	RAL 5012	Insulating material group	II
Comparative Tracking Index (CTI)	≥ 550	UL 94 flammability rating	V-0
Max. relative humidity during storage	80 %	Operating temperature, min.	-40 °C
Operating temperature, max.	120 °C		

Classifications

ETIM 6.0	EC001031	ETIM 7.0	EC001031
eClass 9.0	27-18-27-90	eClass 9.1	27-18-27-90
eClass 10.0	27-18-27-92		

Approvals

ROHS	Conform

Downloads

Brochure/Catalogue	FL ANALO.SIGN.CONV. EN
	MB DEVICE MANUF. EN
	FL MACHINE SAFETY EN
	FL 72H SAMPLE SER EN
	PO OMNIMATE EN
Engineering Data	EPLAN
Engineering Data	STEP

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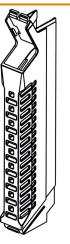## Drawings

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