

CH20M45 S 2PSC/2PSC GGY 2019

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 CH20M45 modular electronics housings come in an integrated extra-large assortment. It is suited for those electronics applications that require more space, such as compact controllers and power supplies.

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

Version	Modular housing, OMNIMATE Housing - series
	CH20M Graphite grey, Width: 45.3 mm
Order No.	<u>1164740000</u>
Туре	CH20M45 S 2PSC/2PSC GGY 2019
GTIN (EAN)	4032248954254
Qty.	6 pc(s).
Information regarding whole assembly, see referenced articles	1104410000



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Technical data

Dim	ensions	and	weights
	CHOIDHO	anu	WEIGHT

Height	22.8 mm	Height (inches)	0.898 inch
Width	45.3 mm	Width (inches)	1.783 inch
Length	105.3 mm	Length (inches)	4.146 inch
Net weight	13.2 g		

Temperatures

Operating temperature range	Humidity	5 - 93% rel. humidity, Tu =
-40 °C12	2° O	40°C, no condensation

Component Properties

Cut out as preperation for functions	al port	Number of connection levels		
integrated	No		2	
Number of poles, max.	16	Number of slots for female plugs	4	
Number of ventilation openings	2			

General data

Colour	Graphite grey	Colour chart (similar)	RAL 7024
Encapsulation option	No	Protection degree	IP20 in installed state

Material data

Comparative Tracking Index (CTI)	600 ≤ CTI	Insulating material	PA 66 GF 30	
Insulating material group	I	UL 94 flammability rating	V-0	

Classifications

ETIM 6.0	EC001031	ETIM 7.0	EC001031
ETIM 8.0	EC001031	ECLASS 9.0	27-18-27-90
ECLASS 9.1	27-18-27-90	ECLASS 10.0	27-18-27-92
ECLASS 11.0	27-18-27-92	ECLASS 12.0	27-18-27-92

Approvals

ROHS	Conform

Downloads

Engineering Data	<u>CAD data – STEP</u>
Engineering Data	<u>EPLAN</u>
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



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Drawings

Product image

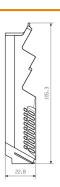


Product image



Dimensioned drawing







Mouser Electronics

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