OMNIMATE Housing - series CH20M
CH20M22 FC TYL 2083

Similar to illustration

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, 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 FC TYL 2083
Order No.	1304240000
Version	Front element, OMNIMATE Housing - series CH20M Traffic yellow, in closed state, Width: 22.5 mm
GTIN (EAN)	4050118103519
Qty.	50 pc(s).

Creation date May 28, 2019 5:07:22 AM CEST

OMNIMATE Housing - series CH20M
CH20M22 FC TYL 2083

Technical data

Dimensions and weights

Length	15.5 mm	Length (inches)	0.61 inch
Width	22.5 mm	Width (inches)	0.886 inch
Height	15.5 mm	Height (inches)	0.61 inch
Net weight	6.5 g		

System characteristics

Version	in closed state	Contact to terminal rail	No
Encapsulation option	No		

Material data

Insulating material	PA 66 GF 30	Colour	Traffic yellow
Colour chart (similar)	RAL 1023	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	27-18-08-02	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

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	STEP

Creation date May 28, 2019 5:07:22 AM CEST

OMNIMATE Housing - series CH20M
CH20M22 FC TYL 2083

Drawings

Creation date May 28, 2019 5:07:22 AM CEST

Catalogue status 23.05.2019 / We reserve the right to make technical changes.

3