Weidmüller ⋙

CH20M22 FC TYL 2083

Product image

Halogen Free | IP20 | | | RoHS COMPLIANT

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

Version	Modular housing, OMNIMATE Housing - series CH20M Traffic yellow, Width: 22.5 mm
Order No.	1304240000
Type	CH20M22 FC TYL 2083
GTIN (EAN)	4050118103519
Qty.	50 pc(s).
Information regarding whole assembly, see referenced articles	1104450000

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CH20M22 FC TYL 2083

Technical data

Dimensions and weights

Height	15.5 mm	Height (inches)	0.61 inch
Width	22.5 mm	Width (inches)	0.886 inch
Net weight	6.48 g		

Temperatures

Operating temperature range	-40 °C...120 °C	Humidity	5 - 93% rel. humidity, Tu = 40°C, no condensation

Component Properties

Flip cover mountable	No	Marker integrateable	No

Individualization options

Customer specific cutouts possible	Yes	Customer specific labelling possible	Yes
Customer specific order process	See guideline under downloads	Processing possibilities	Laser processing, Milling

General data

Colour	Traffic yellow	Colour chart (similar)	RAL 1023
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		

Approvals

ROHS	Conform

Downloads

Engineering Data	CAD data – STEP
User Documentation	Guideline customerspecific housings Guideline kundenspezifische Gehäuse
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

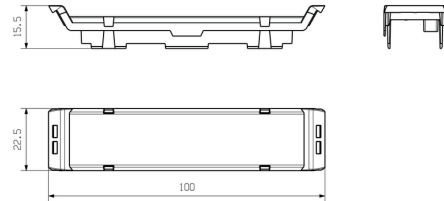Creation date January 22, 2022 11:33:43 AM CET

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Drawings

Product image

Dimensioned drawing

Mouser Electronics

Authorized Distributor

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