

CH20M17 FC TYL 2083

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 CH20M17 modular electronics housing is the ideal housing solution for compact standard 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

Version	Mounting rail housing, OMNIMATE Housing - series CH20M Traffic yellow, Front element, Width: 17.5 mm
Order No.	2655070000
Type	CH20M17 FC TYL 2083
GTIN (EAN)	4050118666793
Qty.	50 pc(s).
Information regarding whole assembly, see referenced articles	1254130000

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Technical data

Dimensions and weights

Depth	15.5 mm	Depth (inches)	0.61 inch
Height	100 mm	Height (inches)	3.937 inch
Width	17.5 mm	Width (inches)	0.689 inch
Length	15.5 mm	Length (inches)	0.61 inch
Net weight	5.2 g		

Temperatures

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

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

General data

Colour	Traffic yellow	Colour chart (similar)	RAL 1023
Encapsulation option	No	Protection degree	IP20 in installed state

Component properties

Flip cover mountable	No	Marker integrateable	No
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Individualization options

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

Classifications

ETIM 7.0	EC001031	ETIM 8.0	EC001031
ETIM 9.0	EC001031	ECLASS 11.0	27-18-27-92
ECLASS 12.0	27-18-27-92	ECLASS 13.0	27-19-06-03

Environmental Product Compliance

REACH SVHC	/
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Approvals

ROHS	Conform
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Downloads

Engineering Data	CAD data – STEP
User Documentation	Guideline customerspecific housings Guideline kundenspezifische Gehäuse
Catalogues	Catalogues in PDF-format

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Drawings

Product image



Dimensioned drawing

