CH20M22 FC TP BK 1819

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
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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 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	Mounting rail housing, OMNIMATE Housing - series CH20M black, Transparent, Front element, Width: 22.5 mm
Order No.	2639980000
Type	CH20M22 FC TP BK 1819
GTIN (EAN)	4050118677393
Qty.	50 pc(s).
Information regarding whole assembly, see referenced articles	1104450000

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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	22.5 mm	Width (inches)	0.886 inch
Length	15.5 mm	Length (inches)	0.61 inch
Net weight	5.36 g		

Temperatures

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

Material data

Comparative Tracking Index (CTI)	175 ≤ CTI <400	Insulating material	Polycarbonate
Insulating material group	IIIa	UL 94 flammability rating	V-2

General data

Colour	black, Transparent	Colour chart (similar)	RAL 9011, -
Encapsulation option	No	Protection degree	IP20 in installed state

Component properties

Flip cover mountable	No	Marker integrateable	No

Individualization options

Alternitive colours	More on request	Customer specific cutouts possible	Yes
Customer specific labelling possible	Yes	Customer specific order process	See guideline under downloads
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
ECLASS 14.0	27-19-06-03		

Environmental Product Compliance

REACH SVHC	/
RoHS Compliance Status	Compliant without exemption

Approvals

ROHS	Conform

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

