

**CH20M45 FC TP BK 1819****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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 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 black, Transparent, Front element, Width: 45 mm
Order No.	<a href="#">2673070000</a>
Type	CH20M45 FC TP BK 1819
GTIN (EAN)	4050118689211
Qty.	30 pc(s).
Local product	Only available in certain countries
Information regarding whole assembly, see referenced articles	<a href="#">1104410000</a>

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## Technical data

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## Dimensions and weights

Depth	15.5 mm	Depth (inches)	0.61 inch
Height	100 mm	Height (inches)	3.937 inch
Width	45 mm	Width (inches)	1.772 inch
Net weight	3.6 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)	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
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## Individualization options

Alternative colours	More on request	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
ECLASS 14.0	27-19-06-03		

## Environmental Product Compliance

REACH SVHC	/
RoHS Compliance Status	Compliant without exemption

## Approvals

ROHS	Conform
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## Technical data

### Downloads

Engineering Data	<a href="#">CAD data – STEP</a>
User Documentation	<a href="#">Guideline customerspecific housings</a> <a href="#">Guideline kundenspezifische Gehäuse</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>

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# Drawings

## Product image



## Dimensioned drawing

