

CH20M6 BC 4P-4P TGY 1 1293806

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Product image



The electronics world in a single slice

With a width of only 6.1 mm, a wide range of compact applications originates from this electronic development expertise.

The modular housing design supports the engineering with many intelligent features:

- **Maximum freedom of design** with large total surface area (6800 mm²) on the PCB – enabling the maximum component assembly with the space-saving form of the reflow-compatible THR terminals.
- **Customised design opportunities** with laser printing and housing colours, individual processing options, variable printing, and easily labelled hinged cover
- **Maximum processing efficiency** with reflow-compatible connection elements for reflow soldering in machine-ready tape packaging.
- **Error-free assembly and solder processes** with optimised frame and connecting adapter shapes on the PCB resulting in a perfect fit and positioning of the connection elements
- **Quick installation** with features such as "Wire Ready" or the all-purpose Multi-Tool screw head

The combination of extensive knowledge from electronics developers and Weidmüller competence - creating innovative synergy for electronics applications.

General ordering data

Version	Flange-mounted housing, OMNIMATE Housing - series CH20M Traffic grey (RAL), Housing side panel, Width: 5.2 mm
Order No.	2771200000
Type	CH20M6 BC 4P-4P TGY 1 1293806
GTIN (EAN)	4064675031932
Qty.	50 pc(s).

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Depth	106.5 mm	Depth (inches)	4.193 inch
Height	107 mm	Height (inches)	4.213 inch
Width	5.2 mm	Width (inches)	0.205 inch
Net weight	0.78 g		

Material data

Comparative Tracking Index (CTI)	400 ≤ CTI <600	Insulating material	PBT
Insulating material group	II	UL 94 flammability rating	V-0

General data

Colour	Traffic grey (RAL)	Colour chart (similar)	RAL 7042
Encapsulation option	No	Protection degree	IP20 in installed state

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

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	27-19-06-02

Environmental Product Compliance

REACH SVHC	/
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Downloads

Engineering Data	CAD data – PCB Reference Layout CAD data – STEP
Catalogues	Catalogues in PDF-format

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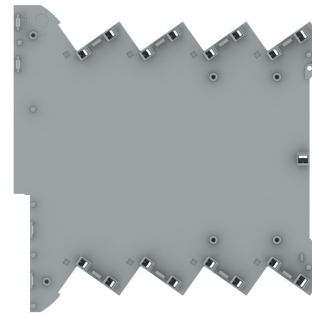
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Drawings

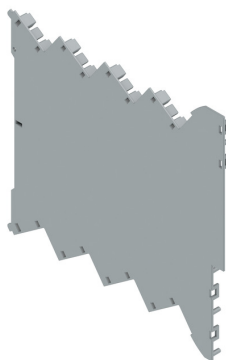
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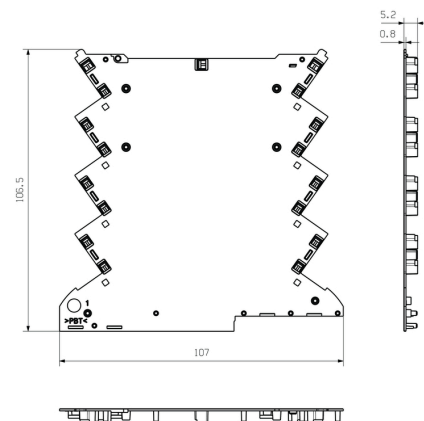
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Product image



Dimensioned drawing



Base element without cut-out in snap-in foot area