Weidmüller ⫶Ξ

CH20M6 C TP 8089

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	Modular housing, OMNIMATE Housing - series CH20M Transparent, Flip cover, Width: 6.1 mm
Order No.	1073410000
Type	CH20M6 C TP 8089
GTIN (EAN)	4032248831203
Qty.	50 pc(s).

Creation date December 4, 2023 3:02:19 PM CET

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Technical data

Dimensions and weights

Depth	6.8 mm	Depth (inches)	0.268 inch
Height	69.8 mm	Height (inches)	2.748 inch
Width	6.1 mm	Width (inches)	0.24 inch
Net weight	0.64 g		

Material data

Comparative Tracking Index (CTI)	175 ≤ CTI < 400	Insulating material	PC
Insulating material group	IIIa	UL 94 flammability rating	V-0

General data

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

Component properties

Marker integrateable	Yes

Individualization options

Alternitive colours	More on request	Customer specific labelling possible	Yes
Customer specific order process	See guideline under downloads		

Classifications

ETIM 6.0	EC001031	ETIM 7.0	EC001031
ETIM 8.0	EC001031	ETIM 9.0	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
ECLASS 12.0	27-18-27-92	ECLASS 13.0	27182792

Approvals

ROHS	Conform

Downloads

Engineering Data	CAD data – STEP
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 PO OMNIMATE EN

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Drawings

Product image

Dimensioned drawing
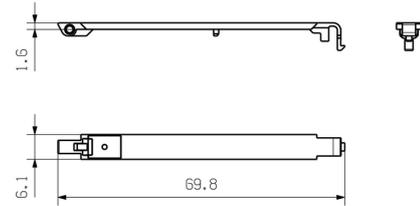
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Accessories

Custom printing

MultiFit is the Weidmüller marker system used for other makes of terminals. Similar to the Weidmüller Dekafix, the markers of the MultiFit family are available ready-for-use with standard printing.

We recommend to carry out a test with sample markers on the terminals used when using MultiFit for the first time.

- One marker, suitable for different makes of terminals.
- Ready-to-use markers with standard printing
- Blank markers for printing with the PrintJet CONNECT or Plotter
- Delivery of individually printed markers according to customer CAE data or specifications
- One marking system for all applications

For custom printing: Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

General ordering data

Type	MF 5/7.5 MC SDR	Version	
Order No.	1877660000	MultiFit, Terminal marker, 5 x 7.5 mm, Pitch in mm (P): 7.50 Adels	
GTIN (EAN)	4032248468256	RKW, Phoenix, To customer specification	
Qty.	64 pc(s).		

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Accessories

Blank

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- One marker, suitable for different makes of terminals.
- Ready-to-use markers with standard printing
- Blank markers for printing with the PrintJet CONNECT or Plotter
- Delivery of individually printed markers according to customer CAE data or specifications
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General ordering data

Type	MF 5/7.5 MC NE WS	Version	
Order No.	1877680000	MultiFit, Terminal marker, 5 x 7.5 mm, Pitch in mm (P): 7.50 Adels	
GTIN (EAN)	4032248468270	RKW, Phoenix, white	
Qty.	320 pc(s).		

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