

## CH20M6 C BK 1819

Weidmüller Interface GmbH &amp; 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 mm<sup>2</sup>) 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 black, Transparent, Flip cover, Width: 6.1 mm
Order No.	<a href="#">2418620000</a>
Type	CH20M6 C BK 1819
GTIN (EAN)	4032248899142
Qty.	50 pc(s).

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[www.weidmueller.com](http://www.weidmueller.com)**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	0.65 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	black, Transparent	Colour chart (similar)	RAL 9011, -
Encapsulation option	No	Protection degree	IP20 in installed state

**Component properties**

Marker integrateable	Yes	Safety lock	sealable
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**Individualization options**

Alternative colours	More on request	Customer specific cutouts possible	No
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	27-19-06-03

**Environmental Product Compliance**

REACH SVHC	/
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**Approvals**

ROHS	Conform
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**Downloads**

Engineering Data	<a href="#">CAD data – STEP</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	<a href="#">FL ANALO.SIGN.CONV. EN</a> <a href="#">MB DEVICE MANUF. EN</a> <a href="#">FL MACHINE SAFETY EN</a> <a href="#">FL 72H SAMPLE SER EN</a> <a href="#">PO OMNIMATE EN</a> <a href="#">PO OMNIMATE EN</a>

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# Drawings

## Product image



## Dimensioned drawing

