

**OMNIMATE Housing - series CH20M  
CH20M BUS-PROFIL TS 35X7.5/750**

**Weidmüller Interface GmbH & Co. KG**  
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**The integrated rail bus for the modular electronics housing system**

When supplying, connecting or distributing within modular applications, the rail bus can replace the tedious individual wiring process with a flexible and uninterrupted system-wide solution.

The system bus is securely integrated within the 35-mm standard mounting rail. The SMD-bus contact block can be reflow-soldered so that it can be completely automatically processed during the component assembly. The resistant, gold-plated contact surfaces ensure a permanent and reliable contact for all housing widths.

- **Unlimited scalability** The integrated connection solution covers all system widths: from the 6-mm slice to the 67-mm large-area housing.
- **Easy to service during installation** It's easy to replace a module, even in existing modules groups – without any influence on the neighbouring modules.
- **Universal integration** The uninterrupted system bus is securely integrated within the 35-mm standard mounting rail.
- **Maximum availability** Five fully-galvanized and partially gold-plated twin-arched contacts are used to establish a permanent contact to the rail bus. THR solder flanges ensure that the connection to the circuit board is stable.

**General ordering data**

Type	CH20M BUS-PROFIL TS 35X7.5/750
Order No.	<a href="#">1248170000</a>
Version	Electronics housings, OMNIMATE Housing - series CH20M Black, Support section for bus PCB, Width: 25.1 mm
GTIN (EAN)	4050118053272
Qty.	5 pc(s).

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**Technical data****Dimensions and weights**

Length	750 mm	Length (inches)	29.528 inch
Width	25.1 mm	Width (inches)	0.988 inch
Height	6.2 mm	Height (inches)	0.244 inch
Net weight	60 g		

**System characteristics**

Version	Support section for bus PCB
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**Material data**

Insulating material	PA 66	Colour	Black
Colour chart (similar)	RAL 9011	Insulating material group	II
CTI	≥ 500	UL 94 flammability rating	V-0
Storage temperature, min.	-40 °C	Storage temperature, max.	85 °C
Max. relative humidity during storage	80 %	Operating temperature, min.	-50 °C
Operating temperature, max.	85 °C	Temperature range, installation, min.	-25 °C
Temperature range, installation, max.	85 °C		

**Classifications**

ETIM 5.0	EC001031	ETIM 6.0	EC001031
eClass 6.2	27-18-08-02	eClass 7.1	27-18-27-02
eClass 8.1	27-18-27-02	eClass 9.0	27-18-27-02
eClass 9.1	27-18-27-90		

**Notes**

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**Approvals**

ROHS	Conform
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**Downloads**

Brochure/Catalogue	<a href="#">FL ANALO.SIGN.CONV. EN</a> <a href="#">MB DEVICE MANUF. EN</a> <a href="#">CAT 4.1 ELECTR 16/17 EN</a> <a href="#">CAT 2 PORTFOLIOGUIDE EN</a> <a href="#">FL MACHINE SAFETY EN</a> <a href="#">FL 72H SAMPLE SER EN</a> <a href="#">PO OMNIMATE EN</a>
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