

CH20M BUS-PROFIL TS 35X7.5/500

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

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Germany

www.weidmueller.com

Product image



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

Version	OMNIMATE Housing - series CH20M, Length: 500 mm, Width: 25.1 mm
Order No.	1248160000
Type	CH20M BUS-PROFIL TS 35X7.5/500
GTIN (EAN)	4050118053289
Qty.	10 pc(s).

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Technical data**Dimensions and weights**

Height	6.2 mm	Height (inches)	0.244 inch
Width	25.1 mm	Width (inches)	0.988 inch
Length	500 mm	Length (inches)	19.685 inch
Net weight	32.1 g		

Material data

Insulating material	PA 66	Colour	black
Colour chart (similar)	RAL 9011	Insulating material group	II
Comparative Tracking Index (CTI)	400 ≤ CTI < 600	UL 94 flammability rating	V-0

General data

Colour	black	Colour chart (similar)	RAL 9011
Rail	TS 35 x 7.5		

Material data

Comparative Tracking Index (CTI)	400 ≤ CTI < 600	Insulating material	PA 66
Insulating material group	II	UL 94 flammability rating	V-0

Classifications

ETIM 6.0	EC001031	ETIM 7.0	EC001031
ETIM 8.0	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

Approvals

Approvals



ROHS Conform

Downloads

Approval/Certificate/Document of Conformity	Certification DNV GL
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 FL 72H SAMPLE SER EN PO OMNIMATE EN