

CH20M BUS-AP LI TS 35X7.5 & 15

Weidmüller Interfaces GmbH & Co. KG

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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: 40.5 mm, Width: 5.1 mm
Order No.	1193160000
Type	CH20M BUS-AP LI TS 35X7.5 & 15
GTIN (EAN)	4032248987771
Qty.	50 pc(s).

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Technical data**Dimensions and weights**

Height	9.1 mm	Height (inches)	0.358 inch
Width	5.1 mm	Width (inches)	0.201 inch
Length	40.5 mm	Length (inches)	1.594 inch
Net weight	0.67 g		

Material data

Insulating material	Polycarbonate	Colour	black
Colour chart (similar)	RAL 9011	Insulating material group	IIIa
Comparative Tracking Index (CTI)	175 ≤ CTI < 400	UL 94 flammability rating	V-0

General data

Colour	black	Colour chart (similar)	RAL 9011
Rail	TS 35 x 15, TS 35 x 7.5		

Material data

Comparative Tracking Index (CTI)	175 ≤ CTI < 400	Insulating material	Polycarbonate
Insulating material group	IIIa	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
Engineering Data	EPLAN
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