Weidmüller

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

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

Technical data

Dimensions and weights

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

Material data

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

Classifications

ETIM 6.0	EC001031	ETIM 7.0	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

Approvals

Approvals	
ROHS	Conform

Downloads

Engineering Data	[STEP](#)
Engineering Data	[EPLAN](#)
Brochure/Catalogue	[Catalogues in PDF-format](#)

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