Data sheet

SET CH20M BUS 250MM TS 35X7.5

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
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	Mounting rail bus system, Sample set, OMNIMATE Housing - series CH20M, Width: 25.1 mm
Order No.	1335140000
Type	SET CH20M BUS 250MM TS 35X7.5
GTIN (EAN)	4050118138375
Qty.	1 items

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Technical data

Approvals

ROHS	Conform

Dimensions and weights

Depth	250 mm	Depth (inches)	9.8425 inch
Height	6.2 mm	Height (inches)	0.2441 inch
Width	25.1 mm	Width (inches)	0.9882 inch
Length	250 mm	Length (inches)	9.8425 inch
Net weight	47.21 g		

Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

General data

Protection degree	IP20 in installed state	Mounting rail	TS 35 x 7.5, TS 35 x 15, via bus profil

Material data

Colour	black	Colour chart (similar)	RAL 9011
UL 94 flammability rating	V-0		

Material data

UL 94 flammability rating	V-0	Surface finish	untreated
Basic material	Plastic		

General data

Colour	black	Protection degree	IP20 in installed state
Mounting rail	TS 35 x 7.5, TS 35 x 15, via bus profil	Colour chart (similar)	RAL 9011

System parameters

Coating thickness Au, min.	0.5 µm	Coating thickness Au, max.	0.8 µm
Coating thickness Cu, min.	0.7 µm	Current carrying capacty, max. circuit path (sum current)	25 A
Voltage AC bus rail according to DIN EN 60664, max.	63 V	Voltage AC bus rail according to UL840, C22.2 no. 14.5, max.	30 V

Classifications

ETIM 8.0	EC001031	ETIM 9.0	EC001031
ETIM 10.0	EC001031	ECLASS 14.0	27-19-06-05
ECLASS 15.0	27-19-06-05		

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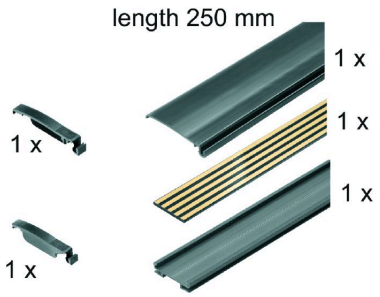
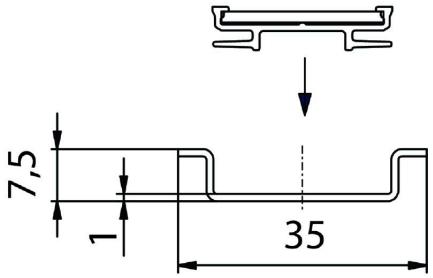
Drawings

set consists of: