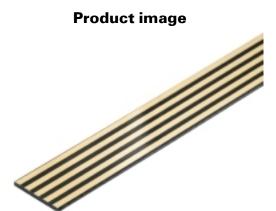


Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com







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: 750 mm, Width: 21.8 mm
Order No.	<u>1248240000</u>
Туре	CH20M BUS 4.50/05 AU/750
GTIN (EAN)	4050118053210
Qty.	5 pc(s).



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Technical data

Dimensions and weights

Height	1.7 mm	Height (inches)	0.067 inch
Width	21.8 mm	Width (inches)	0.858 inch
Length	750 mm	Length (inches)	29.528 inch
Net weight	79.4 a		

Material data

Colour	black, gold	Colour chart (similar)	RAL 9011
UL 94 flammability rating	V-0	Contact material	Au (Gold)
Contact surface	Gold-plated		

System parameters

Coating thickness Au, min.	0.5 μm	Coating thickness Au, max.	0.8 μm
Coating thickness Cu, min.		Current carrying capacty, max. pe	r
	0.7 μm	circuit path	5 A
Current carrying capacty, max. circuit		Voltage AC bus rail according to DIN EN	
path (sum current)	25 A	60664, max.	63 V
Voltage AC bus rail according to U	JL840,		
C22 2 no. 14 5 may	30 V		

General data

Colour	black, gold	Colour chart (similar)	RAL 9011
Rail	TS 35 x 7.5, TS 35 x 15,		
	via bus profil		

Material data

UI	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		

Approvals

Approvals



ROHS Conform



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Technical data

Downloads

Approval/Certificate/Document of	
Conformity	Certification DNV GL
Engineering Data	CAD data – STEP
Engineering Data	<u>EPLAN</u>
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 FL 72H SAMPLE SER EN PO OMNIMATE EN



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Accessories

Network-compatible current measuring transducers ACT20C



The ACT2OC series was especially developed for applications with continuous processes. It enables the continuous monitoring of diagnostic, device and process information ("condition monitoring").

Several ACT2OC components form a station which consists of an ACT2OC Ethernet gateway, communicative ACT2OC signal converters and an ACT2OC bus termination terminal.

General ordering data

Type ACT20C-LBT-10
Order No. 1510340000
GTIN (EAN) 4050118319491
Oty. 1 pc(s).

Version

Bus termination terminal for ACT20C station

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

<u>Weidmuller</u>: 1248240000