Weidmüller ⋝Ξ

CH20M BUS-ADP TS 35/500

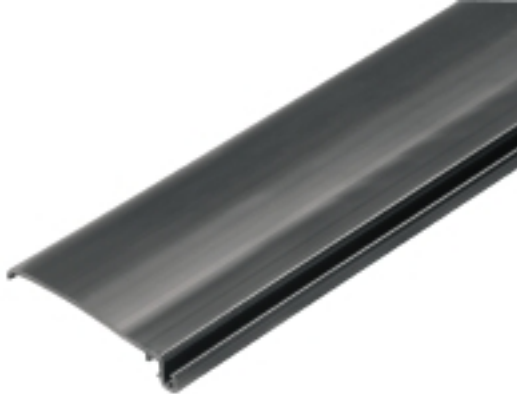**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

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Germany

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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: 500 mm, Width: 39.5 mm
Order No.	1248260000
Type	CH20M BUS-ADP TS 35/500
GTIN (EAN)	4050118052992
Qty.	10 pc(s).

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CH20M BUS-ADP TS 35/500

Technical data

Dimensions and weights

Height	7 mm	Height (inches)	0.276 inch
Width	39.5 mm	Width (inches)	1.555 inch
Length	500 mm	Length (inches)	19.685 inch
Net weight	35.1 g		

Material data

Insulating material	Polyamide, PA, PA 6	Colour	black
Colour chart (similar)	RAL 9011	Insulating material group	IIIa
Comparative Tracking Index (CTI)	600 ≤ CTI	UL 94 flammability rating	V-0

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Insulating material group	IIIa	UL 94 flammability rating	V-0

General data

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

Classifications

ETIM 6.0	EC001031	ETIM 7.0	EC001031
ETIM 8.0	EC001031	ETIM 9.0	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	ECLASS 13.0	27-18-27-92

Approvals

ROHS	Conform

Downloads

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

CH20M BUS-ADP TS 35/500

Accessories

Bus contact block - Solder flange

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General ordering data

Type	SR-SMD 4.50/05/90LF 1.5 ...	Version		Product data	Packaging
Order No.	1155900000	PCB plug-in connector, Bus-contact block for CH20M12-67, Solder		IEC: 160 V	Tape
GTIN (EAN)	4032248942381	flange, THT/THR solder connection, Number of poles: 5, 180°, Solder	UL: 300 V / 5 A	
Qty.	300 pc(s).	pin length (l): 1.5 mm, Gold-plated, black			
Type	SR-SMD 4.50/05/90LF 1.5 ...	Version		Product data	Packaging
Order No.	1155890000	PCB plug-in connector, Bus-contact block for CH20M12-67, Solder		UL: 300 V / 5 A	Box
GTIN (EAN)	4032248942527	flange, THT/THR solder connection, Number of poles: 5, 180°, Solder			
Qty.	78 pc(s).	pin length (l): 1.5 mm, Gold-plated, black			

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CH20M BUS-ADP TS 35/500

Accessories

Bus insert profil - TS35x7.5

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General ordering data

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

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CH20M BUS-ADP TS 35/500

Accessories

CH20M BUS - Bus printed circuit board

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General ordering data

Type	CH20M BUS 4.50/05 AU/500	Version	
Order No.	1248230000	OMNIMATE Housing - series CH20M, Width: 21.8 mm	
GTIN (EAN)	4050118053227		
Qty.	10 pc(s).		

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CH20M BUS-ADP TS 35/500

Accessories

Bus contact block - Middle solder flange

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General ordering data

Type	SR-SMD 4.50/05/90LFM 3. ...	Version		Product data	Packaging
Order No.	1155880000	PCB plug-in connector, Bus-contact block for CH20M12-67, Middle		IEC: 160 V	Tape
GTIN (EAN)	4032248942305	solder flange, THT/THR solder connection, Number of poles: 5, 180°,		UL: 300 V / 5 A	
Qty.	300 pc(s).	Solder pin length (l): 3.2 mm, Gold-plated, black			

Type	SR-SMD 4.50/05/90LFM 3. ...	Version		Product data	Packaging
Order No.	1155870000	PCB plug-in connector, Bus-contact block for CH20M12-67, Middle		UL: 300 V / 5 A	Box
GTIN (EAN)	4032248942510	solder flange, THT/THR solder connection, Number of poles: 5, 180°,			
Qty.	78 pc(s).	Solder pin length (l): 3.2 mm, Gold-plated, black			

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CH20M BUS-ADP TS 35/500

Accessories

Bus insert profil - TS35x15

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General ordering data

Type	CH20M BUS-PROFIL TS 35X ...	Version
Order No.	1248190000	OMNIMATE Housing - series CH20M, Length: 500 mm, Width: 25.1
GTIN (EAN)	4050118053258	mm
Qty.	5 pc(s).	

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Catalogue status 20.04.2024 / We reserve the right to make technical changes.

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CH20M BUS-ADP TS 35/500

Accessories

CH20M BUS-AP - Bus insert profil endplates

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General ordering data

Type	CH20M BUS-AP RE TS 35X7 …	Version
Order No.	1193170000	OMNIMATE Housing - series CH20M, Length: 40.5 mm, Width: 5.1
GTIN (EAN)	4032248987924	mm
Qty.	50 pc(s).	
Type	CH20M BUS-AP LI TS 35X7 …	Version
Order No.	1193160000	OMNIMATE Housing - series CH20M, Length: 40.5 mm, Width: 5.1
GTIN (EAN)	4032248987771	mm
Qty.	50 pc(s).	

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