

SK S-KIT IN-RAIL BUS CH20M 12-67**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Example of use**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: 119.2 mm, Width: 22.5 mm
Order No.	1327040000
Type	SK S-KIT IN-RAIL BUS CH20M 12-67
GTIN (EAN)	4050118131406
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Height	113.6 mm	Height (inches)	4.472 inch
Length	119.2 mm	Length (inches)	4.693 inch
Net weight	286 g	Width	22.5 mm
Width (inches)	0.886 inch		

System specifications

Product family	OMNIMATE Housing - series CH20M	Type of connection	pluggable
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Material data

Insulating material	PA 66 GF 30, LCP	Colour	black, gold
Colour chart (similar)	RAL 9011	Insulating material group	II
Comparative Tracking Index (CTI)	≥ 600	Moisture Level (MSL)	1
UL 94 flammability rating	V-0	Contact material	Au (Gold)
Contact surface	Au (Gold)		

Rated data acc. to IEC

Rated current, max. number of poles (Tu=20°C)	10 A	Rated current, max. number of poles (Tu=40°C)	9 A
Rated voltage for surge voltage class / pollution degree II/2	400 V	Rated voltage for surge voltage class / pollution degree III/2	320 V
Rated voltage for surge voltage class / pollution degree III/3	250 V	Rated impulse voltage for surge voltage class/ pollution degree II/2	4 kV
Rated impulse voltage for surge voltage class/ pollution degree III/2	4 kV	Rated impulse voltage for surge voltage class/ contamination degree III/3	4 kV

General data

Colour	black, gold	Colour chart (similar)	RAL 9011
Encapsulation option	No	Protection degree	IP20

Material data

Comparative Tracking Index (CTI)	≥ 600	Insulating material	PA 66 GF 30, LCP
Insulating material group	II	UL 94 flammability rating	V-0

Classifications

ETIM 6.0	EC001031	ETIM 7.0	EC001031
ECLASS 9.0	27-18-27-02	ECLASS 9.1	27-18-27-92
ECLASS 10.0	27-18-27-02	ECLASS 11.0	27-18-27-02

Approvals

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Drawings

Product image

