

**OMNIMATE Housing - MICROBOX  
MHS 6**

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Closed housing, 6.1 mm wide, with six screw connections. The two upper connections can be interconnected with a plug-in cross-connector.

**General ordering data**

Type	MHS 6
Order No.	<a href="#">1925740000</a>
Version	Electronics housings, OMNIMATE Housing - MICROBOX , Width: 6.1 mm
GTIN (EAN)	4032248567935
Qty.	10 pc(s).

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## Technische Daten

### Dimensions and weights

Length	88 mm	Width	6.1 mm
Height	97.8 mm	Net weight	33.1 g

### System characteristics

Type of connection	Clamping yoke connection	Number of connections	6
No. of connection levels	3	Number of PCBs per module	1
PCB thickness	1 mm	Type of contact to PCB	Solder connection, direct
Tolerance for the PCB shape	±0.1 mm	Cross-connection	Yes
Continuous current of cross-connection	10 A	Continuous current of cross-connection/ PCB	32 A
Contact to terminal rail	No	Protection degree	IP 20
Encapsulation option	Yes	Max. power loss	0.8 W

### Connectable wires

Clamping range, rated connection, min.	0.13 mm <sup>2</sup>	Clamping range, rated connection, max.	4 mm <sup>2</sup>
Wire connection cross section AWG, min.	AWG 26	Wire connection cross section AWG, max.	AWG 12
Solid, min. H05(07) V-U	0.5 mm <sup>2</sup>	Solid, max. H05(07) V-U	4 mm <sup>2</sup>
Flexible, min. H05(07) V-K	0.5 mm <sup>2</sup>	Flexible, max. H05(07) V-K	2.5 mm <sup>2</sup>

### Material data

UL 94 flammability rating	V-0	Insulating material	Wemid (PA)
Contact material	CuZn	Contact surface	tinned

### Rated data according to DIN IEC

Rated current, max. no. of poles (Tu=20°C)	10 A	Rated current, number of poles (Tu=40°C), max.	10 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

### Classifications

eClass 6.2	27-26-07-08	eClass 7.1	27-44-04-01
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### Approvals

Approvals	
ROHS	Conform