

MCM-MLI-YA9B1A9B1-LA-155996 (Order no. 155996)

Expansion module MCM-MLI... (6 pushbuttons)

- ▶ Function expansion for bus module MBM and locking module MGB2-L.-MLI
- ▶ Four slots for mounting submodules
- ▶ 6 illuminated pushbuttons
- ▶ 6 cut-outs for slide-in labels
- ▶ Compatible with all Modular devices



Function

The MCM Modular can be connected directly or remotely to the bus module and in this way can be operated as a control terminal. It can also be used to extend the control features on a locking module. The MCM Modular offers four slots for mounting submodules.

Expandable via connection on the top

Either a module plug connector or a plug for the direct connection of a signal light with up to four lamps can be used on the top of the MCM.

Material	
Plug housing	Plastic
Connection 2	
Connection type	Screw terminal
Connection type	Male plug
Type specification	M12 EN 61076-2-101 / A-coded
Number of pins	5
Degree of protection	IP65 (Only in the screwed tight state with the related mating components.)
Insertion cycles	100
Material	
Plug housing	Plastic, die-cast zinc, nickel plated
Plug lock	die-cast zinc, nickel plated



Control modules MCM-MLI-Y00000000-JJ-157854 (Order no. 157854)

Electrical connection values

Rated insulation voltage U_i	75 V
Rated impulse voltage U_{imp}	0.5 kV
EMC protection requirements	EMC Directive 2014/30/EU
Safety class	III
Current consumption	max. 75 mA
Degree of contamination (external, according to EN 60947-1)	3

Mechanical values and environment

Switching frequency	0.25 Hz
Storage temperature	-25 ... 70 °C
Mechanical life	1 x 10 ⁶
Shock and vibration resistance	Acc. to EN IEC 60947-5-3

Degree of protection	IP65 (In the closed state when the connection cables, connecting cables and submodules are correctly mounted.)
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Ambient temperature	at $U_B = 24 \text{ V DC}$ -25 ... 55 °C
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Material	Housing Fiber glass reinforced plastic, die-cast zinc, nickel plated
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Characteristic values according to EN ISO 13849-1 and EN IEC 62061

	PL	Maximum SIL	PFD _D	Category	Mission time
Evaluating safety signals	PL e	3	2.82×10^{-9}	4	20 y
Applies to all safety functions contained in submodules such as EMERGENCY STOP, enabling switch, etc.					

Miscellaneous

Slotkonfiguration	1,1,1,1
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AC-MC-00-0-B-156718 (Order no. 156718)



Electrical connection values

Degree of contamination according to EN 60664-1	3
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Mechanical values and environment

Storage temperature	-30 ... 70 °C
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Ambient temperature	-30 ... 55 °C
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Material	Fiber glass reinforced plastic
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Connection 1

Connection type	2x M4 screws
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Degree of protection	IP65 (Only in the screwed tight state with the specified base units.)
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