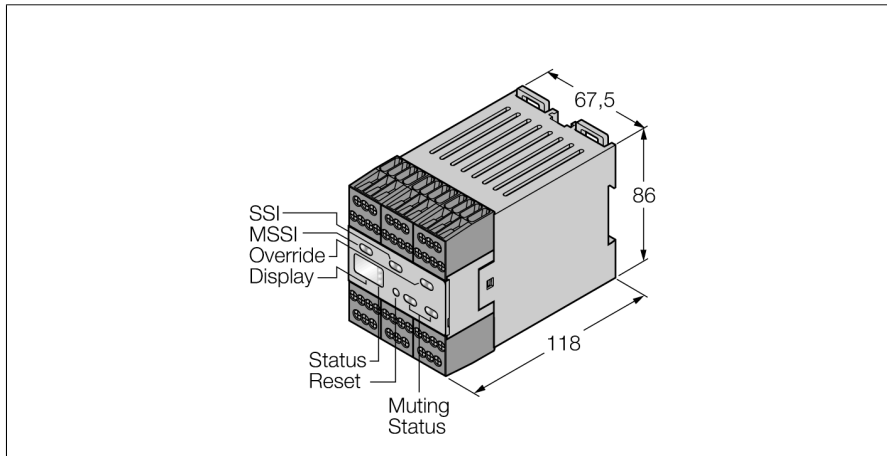


personnel safety
muting modules
MMD-TA-12B

TURCK

Industrial
Automation



- PLe acc. to ISO 13849-1
- Safety category 4 acc. to EN 954-1
- SIL 3 acc. to IEC 61508 and IEC 62061
- Adjustments via DIP switch
- Connection of max. 2 muting sensor pairs
- Muting lamp output
- Deactivation
- Universal safety stop interface
- Reset
- Adjustable external device monitoring (EDM)
- Two-digit diagnostic display
- Operating voltage 24 VDC $\pm 15\%$
- Protection class IP20

Type code	MMD-TA-12B
Ident no.	3075091
Operating mode	Mutingmodul
Ambient temperature	0...+50 °C
Operating voltage	21...28VDC
No-load current I_0	≤ 250 mA
Short-circuit protection	yes/ cyclic
Reverse polarity protection	yes
Output function	2x NC, 2 x PNP
Response time	< 10 ms
Construction	rectangular
Dimensions	118 x 67.5 x 86 mm
Housing material	plastic, PC
Connection	screw terminals
Protection class	IP20
Power-on indication	LED green
Switching state	LED red

Functional principle

The muting module is designed to suppress the safety function of a safety device, e.g. a safety light screen. Thereby the switching outputs of the connected muting sensors trigger suppression of the machine stop signal. The safety switching outputs of the muting module are directly connected to a load relay (e.g. IM-T9A). The switching device with 2-channel monitoring, diverse redundant design and mutual processor control, complies with the personnel safety category PLe acc. to ISO 13849-1.