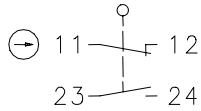


### Series ENM 2

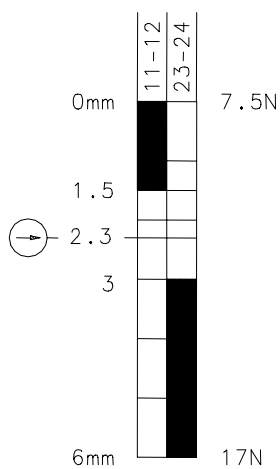
Description **ENM2-U1Z IW**



Article number **6187102100**

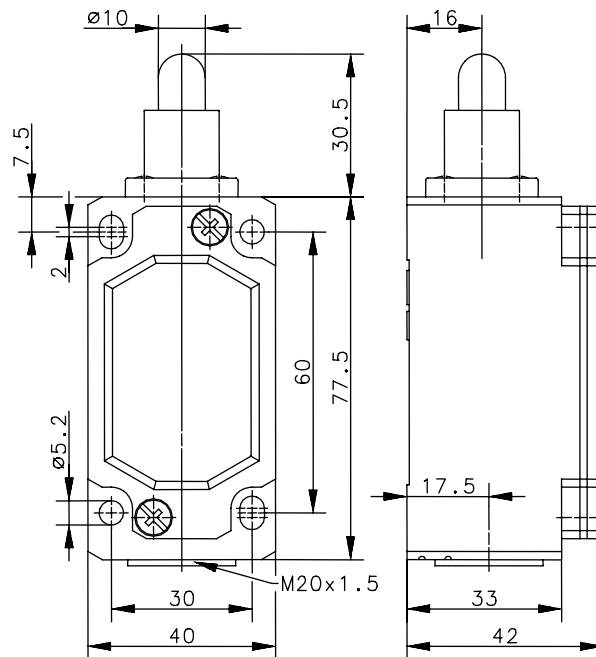
Operating symbol



Operating diagram



  Tolerances  
 Operating point:  $\pm 0,25$  mm;  
 ON OFF Actuating force:  $\pm 10$  %



### Electrical data

Rated insulation voltage	$U_i$	400 VAC
Conv. thermal current	$I_{the}$	10 A
Rated operational voltage	$U_e$	240 V
Utilization category		AC-15, $U_e/I_e$ 240 V / 3 A
Direct opening action	$\ominus$	acc. to IEC/EN 60947-5-1, Annex K
Short-circuit protective device		Fuse 10 A gL/gG
Protection class		I

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### Mechanical data

Enclosure	Die-cast aluminium RAL 9005
Cover	Sheet aluminium
Actuator	Plunger (st)
Ambient air temperature	-30 °C ... +80 °C
Contact type	1 NC, 1 NO (Zb)
Mechanical life	10 x 10 <sup>6</sup> operating cycles
Switching frequency	≤ 100 / min.
Assembly	4 x M5
Connection	4 screw terminals (M3,5)
Conductor cross-sections	Solid: 0,5 ... 1,5 mm <sup>2</sup> Litz wire with ferrules: 0,5 ... 1,5 mm <sup>2</sup>
Cable entrance	1 x M20x1,5
Weight	≈ 0,20 kg
Installation position	operator definable
Protection type	IP65 acc. to IEC/EN 60529

### Actuation

The push bolt actuator is mainly intended to be actuated along its axis.  
Side actuation will considerably reduce switch life.

### Standards

VDE 0660 T100, DIN EN 60947-1, IEC 60947-1  
VDE 0660 T200, DIN EN 60947-5-1, IEC 60947-5-1

### EU Conformity

**CE**

### Approvals

cCSA<sub>US</sub> A300, Q300

### Notes

The degree of protection (IP code) specified applies solely to a properly closed cover and the use of an at least equivalent cable gland.