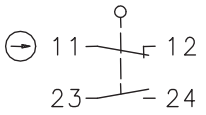
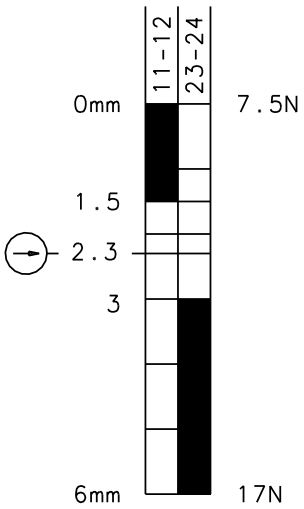
Metal bodied limit switch
Series ENM2

Description **ENM2-U1Z RIW HITZE**	Article number **6187117058**

Operating symbol

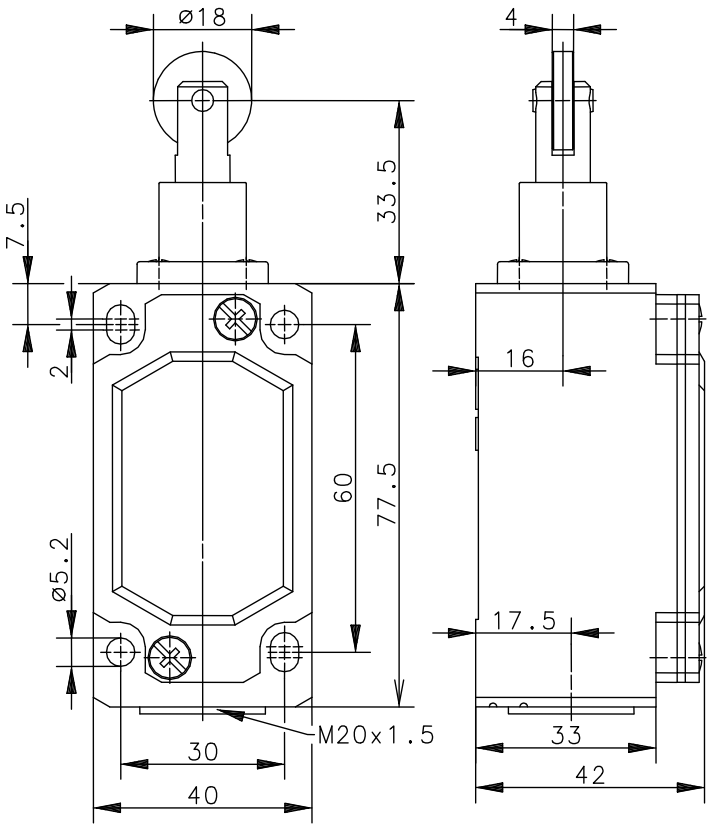


Operating diagram



On Off

Tolerance:
Operating Point ± 0,25 mm;
Operating torque ± 10 %



Electrical Data		
Rated insulation voltage	U_i	400 V AC
Conv. thermal current	I_{the}	10 A
Rated operational voltage	U_e	240 V
Utilization category		A300, AC-15, U_e/I_e 240 V / 3 A
Positive opening operation	⊖	acc. to IEC/EN 60947-5-1, Annex K
Short-circuit protective device		Fuse 10 A gG
Protection class		I

Mechanical data	
Enclosure	Die-cast aluminium
Cover	Sheet aluminium
Actuator	Roller (stainless steel)
Ambient air temperature	-30° C ... +80° C
Contact type	1 NC, 1 NO (Zb)
Mechanical life	10 x 10^6 operating cycles
Switching frequency	≤ 100 / min.
Assembly	4 x M5
Connection	4 screw connections (M3,5)
Conductor cross-sections	Solid: 0,5 ... 1,5 mm^2 or Litz wire with ferrules: 0,5 ... 1,5 mm^2
Cable entrance	1 x M20 x 1,5
Weight	≈ 0,21 kg
Installation position	operator definable
Protection type	IP65 acc. to IEC/EN 60529

Actuation
The actuating device is preferably started from 2 sides. By loosening the 4 screws the actuation assembly can be rotated in 90 degree increments such that 8 actuation directions are possible. The actuation assembly is to be again fastened to the housing using the 4 screws.

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	
	acc. to directive 2014/35/EU (Low-Voltage-Directive)

Notes
The degree of protection (IP code) specified applies solely to a property closed cover and the use of an equivalent cable gland with adequate cable. The switching device can be used for over 96 hours at a temperature of 120 ° C if the thermal self-heating has no significant influence on the increase of the internal temperature of the switch. Rated operational voltage at ambient air temperature 120 °C: U_e= 24 V AC Rated operational current at ambient air temperature 120 °C: I_e= 1 A