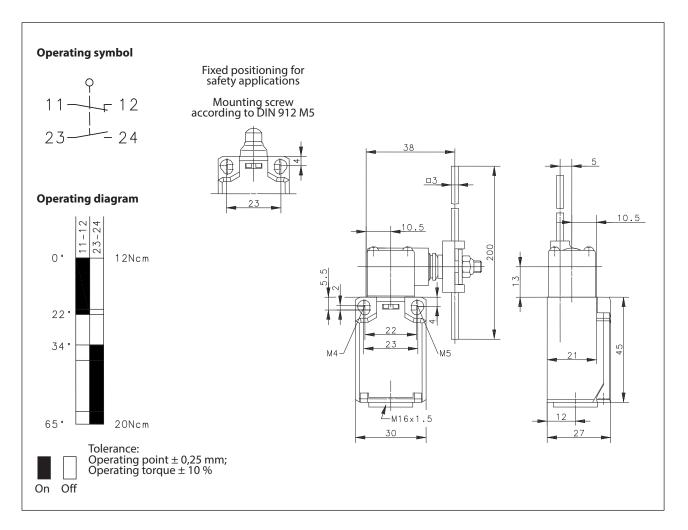


# **Plastic bodied limit switch**

Series TI2

Description TI2-U1 AD VS 270GR

Article number 6188137072



Electrical Data		
Rated insulation voltage	U <sub>i</sub>	250 V AC
Conv. thermal current	$I_{\rm the}$	10 A AC / 2,5 A DC
Rated operational voltage	$U_{e}$	240 V AC; 250 V DC
Utilization category		AC-15, U <sub>e</sub> /I <sub>e</sub> 240 V / 3 A; DC-13, U <sub>e</sub> /I <sub>e</sub> 250 V / 0,27 A
Short-circuit protective device		Fuse 6 A gG
Protection class		II, totally insulated

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## **Technical Data**



Mechanical data		
Enclosure	Thermoplastic, glass fibre reinforced (UL 94-V0)	
Cover	Thermoplastic, glass fibre reinforced (UL 94-V0)	
Actuator	Lever arm housing, AD-rod (st)	
Ambient air temperature	-30 °C +80 °C	
Contact type	1 NC, 1 NO (Zb)	
Mechanical life	3 x 10 <sup>6</sup> operating cycles	
Switching frequency	≤ 100 / min.	
Assembly	2 x M4 or 2 x M5 fixed position	
Connection	4 screw connections (M3,5)	
Conductor cross-sections	Solid: 0,5 1,5 mm² or Litz wire with ferrules: 0,5 1,5 mm²	
Cable entrance	1 x M16 x 1,5	
Weight	≈ 0,08 kg	
Installation position	operator definable	
Protection type	IP65 acc. to EN 60529; DIN VDE 0470 T1	

### 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 2006/95/EC

#### Approvals

<sub>c</sub>CSA<sub>us</sub>, A300, Q300 (same polarity)

#### 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.