

# Technical Data

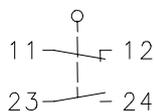
## Plastic bodied limit switch

### Series TI2

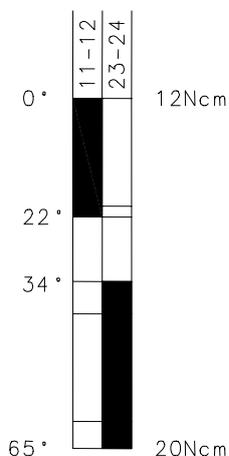
Description **TI2-U1 AD VS V8**

Article number **6188137004**

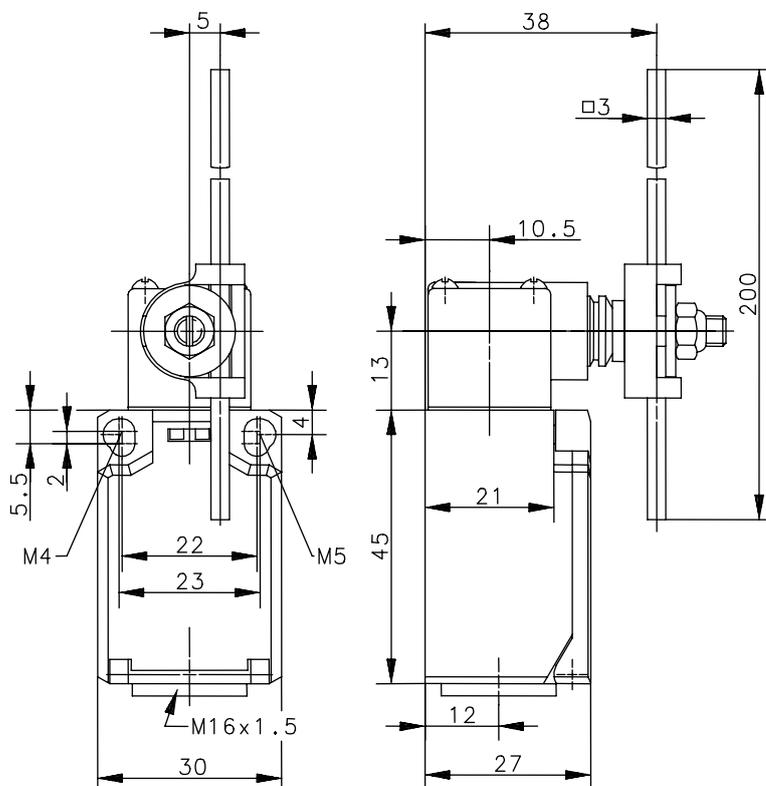
#### Operating symbol



#### Operating diagram



 On  
 Off  
 Tolerance:  
 Operating point  $\pm 0,25^\circ$ ;  
 Actuating force  $\pm 10\%$



#### Electrical data

Rated insulation voltage	$U_i$	250V AC
Conv. thermal current	$I_{the}$	10A AC; 2,5A DC
Rated operational voltage	$U_e$	240V AC; 250V DC
Utilization category		AC-15, $U_e/I_e$ 240V/3A; DC-13, $U_e/I_e$ 250V/0,27A
Short-circuit protective device		Fuse 6A gL/gG
Protection class		II, totally insulated

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Date of issue: 04.09.2006 / Page 1 of 2  
 Document : 6188137004\_en / Last update : 1 / 2623-06

# Technical Data

## Plastic bodied limit switch

### Mechanical data

Enclosure	PBT
Cover	PA6.6
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> switching 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 ... 1.5mm <sup>2</sup> Litz wire with ferrules: 0.5 ... 1.5mm <sup>2</sup>
Cable entrance	1 x M16x1,5
Weight	≈ 0,08kg
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.

<b>Standards</b>	VDE 0660 T100, DIN EN 60947-1, IEC 60947-1 VDE 0660 T200, DIN EN 60947-5-1, IEC 60947-5-1
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<b>EU Conformity</b>	<b>CE</b>
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<b>Approvals</b>	cCSA <sub>US</sub> A300, Q300 (same polarity)
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### 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.