



## TR 335-03ZH

- 1 Cable entry M 20 x 1.5
- Metal enclosure
- Wide range of alternative actuators
- Good resistance to oil and petroleum spirit
- 40,5 mm x 76 mm x 38 mm
- Actuator heads can be repositioned by 4 x 90°
- Design to EN 50041

## Data

### Ordering data

Note (Delivery capacity)	Not available!
EAN (European Article Number)	4030661146010

### Approval - Standards

Certificates	cULus CCC EAC
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### General data

Housing construction form	Norm construction design
Actuator type to DIN EN 50041	A
Enclosure coating material	painted
Material of the contacts, electrical	Silver
Lever material	Metal film
Roller material	Plastic

Gross weight 210 g

### General data - Features

Safety functions Yes

Number of safety contacts 3

### Safety appraisal

Standards BG-GS-ET-15  
EN ISO 13849-1  
EN 60947-5-1

Mission Time 20 Year(s)

### Safety appraisal - Safety outputs

B10d Normally-closed contact (NC) 20,000,000 Operations

### Mechanical data

Actuating element Roller lever

Mechanical life, minimum 30,000,000 Operations

Actuating force, minimum 17 N

Actuating speed, maximum 2.5 m/s

Note (Actuating speed) Actuating speed with actuating angle 30° to switch axis

Note (Switchover time) Switchover time in accordance with actuating speed

Actuating torque, minimum 0.3 Nm

### Mechanical data - Connection technique

Terminal Connector Screw connection

Cable section, minimum 0.75 mm<sup>2</sup>

Cable section, maximum 2.5 mm<sup>2</sup>

Note (Cable section)

All indications about the cable section are including the conductor ferrules.

### Mechanical data - Dimensions

Length of sensor	60.6 mm
Width of sensor	40.5 mm
Height of sensor	134 mm

### Ambient conditions

Ambient temperature, minimum	-30 °C
Ambient temperature, maximum	+80 °C

### Ambient conditions - Insulation value

Rated insulation voltage $U_i$	250 V
Rated impulse withstand voltage $U_{imp}$	4 kV

### Electrical data

Thermal test current	10 A
Required rated short-circuit current to EN 60947-5-1	1,000 A
Utilisation category AC-15	230 VAC
Utilisation category AC-15	4 A
Utilisation category DC-13	24 VDC
Utilisation category DC-13	4 A
Switching element	Opener (NC)
Switching principle	Slow action with staggered contacts
Bounce duration, maximum	2 ms
Switching frequency	5,000 /h

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The details and data referred to have been carefully checked. Images may diverge from original. Further technical data

can be found in the manual. Technical amendments and errors possible.

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