



TV8S 355-12Z

- 3 Cable entry M 20 x 1.5
- Metal enclosure
- Good resistance to oil and petroleum spirit
- Actuator heads can be repositioned by 4 x 90°
- 66,7 mm x 107 mm x 65,3 mm
- Actuator shaft can be turned 360°

Data

Ordering data

EAN (European Article Number)	4030661311722
eCl@ss number, Version 9.0	27-27-06-09
eCl@ss number, Version 11.0	27-27-06-09
ETIM number, version 6.0	EC002591
ETIM number, version 7.0	EC002591

Approval - Standards

Certificates	cULus
	CCC
	EAC

General data

Enclosure material	Aluminium
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Enclosure coatingmaterial painted

Material of the contacts, Silver
electrical

Gross weight 323 g

General data - Features

Number of auxiliary 1
contacts

Number of safety contacts 2

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 20,000,000 Operations
contact (NC)

Mechanical data

Actuating element Other

Mechanical life, minimum 1,000,000 Operations

Positive break angle 7 °

Mounting hole for the 8 mm
Shaft

Positive break torque 0.6 Nm

Mechanical data - Connection technique

Terminal Connector Screw connection

Cable section, minimum	0.75 mm ²
Cable section, maximum	2.5 mm ²
Note (Cable section)	All indications about the cable section are including the conductor ferrules.

Mechanical data - Dimensions

Length of sensor	65.3 mm
Width of sensor	66.7 mm
Height of sensor	107 mm

Ambient conditions

Degree of protection	IP67
Ambient temperature, minimum	-25 °C
Ambient temperature, maximum	+70 °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
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	NO contact, NC contact
Switching principle	Creep circuit element

Switching frequency 1,000 /h

Notes

Note (General) By turning the head in 90° steps, 8 actuating planes are possible. A Torx T10 screwdriver is required for this purpose. Even when the screw is removed, the head is self-retaining. The switch can still not be tampered.
Adjustment tool: locking screw to fix, shaft pre-drilled to pin
Universal joint available to compensate for axial displacement (only for shaft bore 10 mm)

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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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