



TV12H 235-20Z-RMS

- Metal enclosure
- Wide range of alternative actuators
- Good resistance to oil and petroleum spirit
- 30 mm x 63,5 mm x 30 mm
- Actuator heads can be repositioned by 4 x 90°
- Mounting details to EN 50047
- Lever angle adjustable in 10° steps

Data

Ordering data

Product type description	TV12H 235-20Z-RMS
Article number (order number)	153011481
eCl@ss number, version 9.0	27-27-06-01
eCl@ss number, version 11.0	27-27-06-01
eCl@ss number, version 12.0	27-27-06-01
ETIM number, version 7.0	EC000030
ETIM number, version 6.0	EC000030

General data

Standards	BG-GS-ET-15 EN ISO 13849-1 EN IEC 60947-5-1
Housing construction form	Norm construction design
Actuator type to DIN EN 50047	A
Enclosure material	Metal, zinc die-cast
Material of the contacts, electrical	Silver
Lever material	Metal film

Gross weight200 g

Safety classification

StandardsEN ISO 13849-1

Mission time20 Year(s)

Mechanical data

Actuating elementRoller lever

Roller materialPlastic

Mechanical life, minimum20,000,000 Operations

Actuating speed, maximum1 m/s

Actuating torque, minimum0.2 Nm

Positive break torque0.2 Nm

Mechanical data - Connection technique

TerminationScrew terminals M20 x 1.5

Cable section, minimum0.75 mm²

Cable section, maximum2.5 mm²

Note (Cable section)All indications including the conductor ferrules.

Mechanical data - Dimensions

Length of sensor46 mm

Width of sensor30 mm

Height of sensor110.5 mm

Ambient conditions

Degree of protectionIP65
IP67

Ambient temperature, minimum-30 °C

Ambient temperature, maximum	+80 °C
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Ambient conditions - Insulation values

Rated impulse withstand voltage U_{imp}	6 kV
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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	1 A
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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