



TKM/9024VDC

- Metal enclosure
- High holding force

Data

Ordering data

EAN (European Article Number)	4030661459097
eCl@ss number, Version 9.0	27-27-26-03
eCl@ss number, Version 11.0	27-27-26-03

Approval - Standards

Certificates	cULus CCC EAC
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General data

Standards	EN 60947-5-1 EN ISO 13849-1
Coding level according to ISO 14119	Low
Active principle	electromechanical
Enclosure material	Aluminium
Material of the contacts, electrical	Silver
Gross weight	1,400 g

General data - Features

Power to lock	Yes
Number of actuating directions	3
Number of auxiliary contacts	2
Number of safety contacts	2

Safety appraisal

Standards	EN ISO 13849-1
Mission Time	20 Year(s)

Safety appraisal - Safety outputs

B10d Normally-closed contact (NC)	2,000,000 Operations
B10d Normally open contact (NO)	1,000,000 Operations

Mechanical data

Mechanical life, minimum	2,000,000 Operations
Clamping force in accordance with ISO14119 F zh	4,000 N
Latching force	20 N
Positive break force, minimum	20 N
Actuating speed, maximum	0.3 m/s

Mechanical data - Connection technique

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

Mechanical data - Dimensions

Length of sensor	50 mm
Width of sensor	87 mm
Height of sensor	192 mm

Ambient conditions

Degree of protection	IP67 to EN 60529
Ambient temperature, minimum	+0 °C
Ambient temperature, maximum	+50 °C

Ambient conditions - Insulation value

Rated insulation voltage U_i	400 V
Rated impulse withstand voltage U_{imp}	2.5 kV

Electrical data

Thermal test current	10 A
Rated control voltage	24 VAC/DC
Electrical power consumption, maximum	10 W
Switching element	NO contact, NC contact
Switching principle	Creep circuit element

Electrical data - Safety contacts

Voltage, Utilisation category AC15	230 VAC
Current, Utilisation category AC-15	8 A
Voltage, Utilisation category DC13	24 VDC
Current, Utilisation category DC13	5 A

Electrical data - Auxiliary contacts

Voltage, Utilisation category AC15	230 VAC
Current, Utilisation category AC-15	8 A
Voltage, Utilisation category DC13	24 VDC
Current, Utilisation category DC13	5 A

Scope of delivery

Included in delivery

Actuators must be ordered separately.

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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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