

### Data sheet for thermal switches S01 and T11 (TDTSE0003)

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Note:



Notes contain important information.

Warning:



Warnings indicate special methods or handling procedures which, if not followed properly, may result in serious injury.

## Data sheet for thermal switches S01 and T11 (TDTSE0003)

### 1 **General:**

The windings of the motor of actuators are usually equipped with thermal switches. The thermal switches are normally closed contacts. If the temperature in the motor rises over a certain level (according to the insulation class), the contact of the thermal switch opens. There is a thermal switch in each winding of the motor (that means, a 3-phase-AC motor contains 3 thermal switches). These thermal switches are electrically series connected. The motor is protected from thermal overload by thermal switches which switch off the motor reversing starter in case of overheating.

**ATTENTION: The motor is not protected by the thermal switches in case of a blocked rotor. Additional motor protection (e.g. motor protection relay or switch) should be provided if necessary.**



### 2 **Technical data:**

nominal voltage .....	250V, 50 Hz
nominal current ( $\cos\phi=1,0$ ) .....	2,5A
nominal current ( $\cos\phi=0,6$ ) .....	1,6A
voltage range .....	12...500VAC, 12...100VDC

Other information on request.