PTC-Resistor-Relay Type MS40ZT
for Elevators

MS40ZT

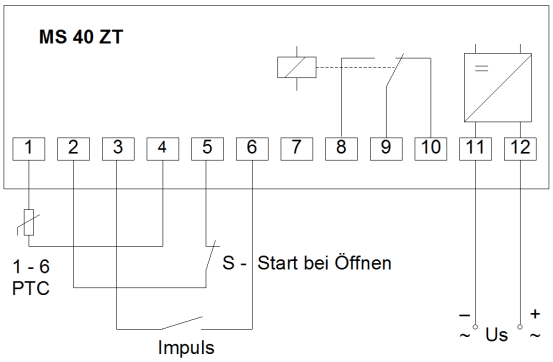


Part number:
T221120 AC 220-240 V

The PTC-resistor relay MS40ZT monitors particularly engines at elevator cars and lifts.
A pulse input monitors the movement of the elevator car as long as the motor is switched on.

- watchdog timing adjustable 5 - 50 s.
- temperature monitoring with PTC-resistor
- integrated RESET-button
- LED for temperatur alarm
  LED for watchdog alarm

At elevator systems the temperature of the motor and the travelling motion have to be monitored. With the car at rest and contact between terminals 2 and 5 closed, the integrated relay picks up (terminals 8, 9 connected). The time monitoring starts with the opening of the contact between terminals 2 and 5. Then the pulse input between terminals 3 and 6 must continously open and close during travelling motion. When the pulse stops or



Technical Data

Rated supply voltage Us	AC 220 - 240 V ±10 %, 50/60 Hz, 3VA
connectable PTC resistors	1... 6 PTC according to DIN 44 081 or 44 082
switching point	< 4000 Ω
output relay	1 change-over contact (co)
type of contact	type 2 (see "general technical informations")
test conditions	see "general technical informations"
rated ambient temperature range	-20... +55 ∞C
dimensions (h x w x d) attachment	design S 12: 82 x 42 x 121 [mm] on 35 mm DIN rail according to DIN EN 50 022 or with screws M4
protection housing / terminals	IP 30 / IP 20
weight	approx. 280 g