

The collective fault module RSM3003 is processing the signals which were received from signaling modules and motor control modules via the plug-in bus system. If a fault message is received via the bus system the collective alarm-LED begins blinking. The collective alarm can be passed on via a potential free changeover contact to a superordinate control level.

Button "Quit fault":

Externally stored fault-messages like frost, fan belt, etc. can be quit by pushing the button "Quit fault", via a potential-free NO contact. In the same scenario there is the potential from clamp 5 available to make a reset of external devices at clamp 7.

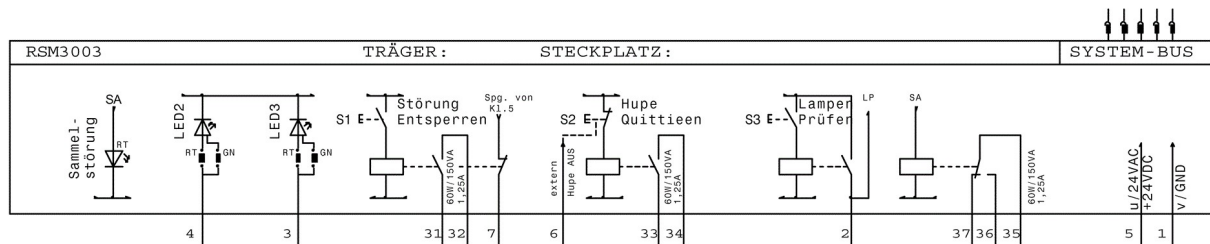
Button "Lamp-test":

By pushing the "Lamp-test" button you can test all LEDs of signaling modules and motor modules connected to the RSM via the plug-in bus system (max. 300 reports). The lamp test can also be triggered externally via clamp.

Button "Quit horn":

When a fault message is received a potential free NO contact is closed. You can connect an external horn to this contact. By pushing the "Quit Horn" button or externally via clamp the horn can be disabled. There are 2 additional LEDs for visualisation of various status signals. You can choose their color between red/green/orange by setting the jumper.

The system is also fully functional without the RSM module, if the lamp test and the collective alarm-LED are not needed.



Supply voltage: 24V AC / DC, ± 10%
Power consumption: max. 100 mA

Inputs:
Controlled with 24V AC / DC
(depending on supply voltage)

Signaling:
SA LED, color red
if equipped: dual LEDs, red / green
Non floating Outputs:
Output potential depends on supply voltage

Relay Outputs:
Switching voltage, max.: 250 VAC / 150 VDC
Switching current, max.: 1.25 A
Switching capacity: 150 VA / 60 W
Lifetime:
30W 24V AC1 2,000,000 cycles
0.5 A 250V AC1 100,000 operations

Environmental conditions:
Operating temperature 0 ... 50 ° C
Transport and storage temperature -20 ... + 70 ° C
Relative humidity 5 ... 95%, non-condensing
Protection class: IP 40, when using transparent coverage up to IP 54

Dimensions:
Width 8TE(40.5mm), height 3HE(129mm), for mounting into 19" racks

Installation depth <80 mm
Terminals: 2.5mm2 pluggable terminal

CE Conformity
EN 61000-4-2 / IEC 801-2 Electrostatic Discharge ESD
Contact discharge 8 kV / air discharge 8 kV
EN 61000-4-5 / IEC 801-5 Surge
AC supply voltage 4 kV, 0.5 kV DC
Signal lines 2 kV
EN 61000-4-4 / IEC 801-4 Burst
Inputs - Outputs +/- 2 kV
Supply voltage AC / DC +/- 2 kV