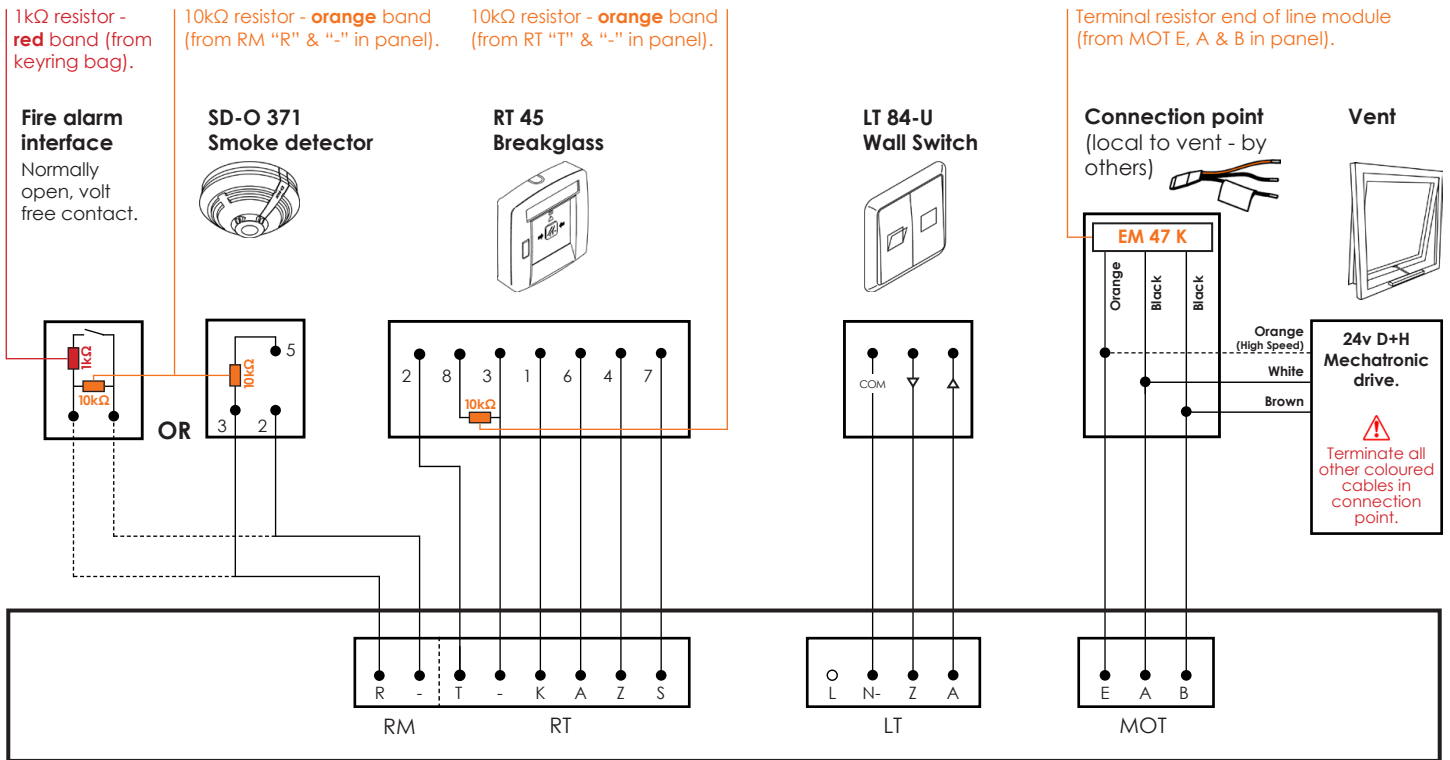
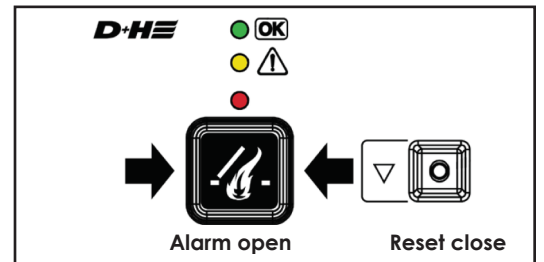


RZN 4503-T Troubleshooting Guide



Display indications

● + ○ + ○	Solid green - System healthy, no faults.
● + ● + ○	Solid green, flashing yellow - System healthy, no fault. Inbuilt service timer expired. Contact Dyer's service & maintenance department.
○ + ● + ○	Flashing yellow - System fault. See display fault indications below.
○ + ○ + ●	Solid red - System in fire.



Display fault indications

Battery fault:

- Incorrect connection of the battery.

Earth fault:

- Issue with incoming power supply 230 v earth.

Detector Line fault - Solid:

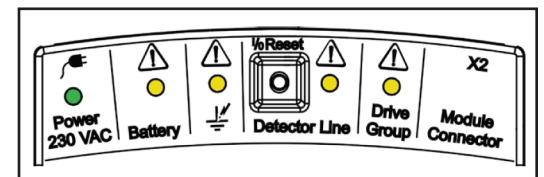
- Indicates an issue between the control panel and control elements (fire alarm interface, smoke detector or breakglass).
- Each control element requires a single 10kΩ end of line resistor. See above detail.
- If no fire alarm interface or smoke detector in system, leave 10kΩ end of line resistor in RM terminals "R" & "-".
- If no RT 45 breakglass, leave 10kΩ resistor in RT terminals "T" & "-".

Detector Line fault - Flashing:

- Indicates line deactivated, press the reset button at top of panel to reactivate.

Drive Group fault:

- Issue between the control panel and the drive(s). Ensure EM 47 K drive group end of line is connected as indicated above.
- Check 2.5 Amp fuse has not blown.



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Operational faults

Fire alarm interface:

- Confirm signal from interface is normally open volt free.
- 1kΩ triggering resistor installed as detailed on previous page.
- 10kΩ end of line resistor installed as detailed on previous page

Smoke detector:

- Ensure the 10kΩ end of line resistor is installed as detailed on previous page.
- Turn smoke detector head clockwise until a click is heard and a physical connection is made between head and base.

Additional breakglass:

- 10kΩ end of line resistor installed and connections as detailed on previous page.
- Confirm the breakglass terminal connector is firmly secured onto the PCB.

Drive:

- Check MOT terminal connections in the control panel and local connection point.
- Test power supply from terminals A and B in control panel, minimum of 24v DC should be present on operation (fire).
- If voltage is present on operation and connections are correct, the issue is with the drive(s) and not the controls, see drive information for assistance.

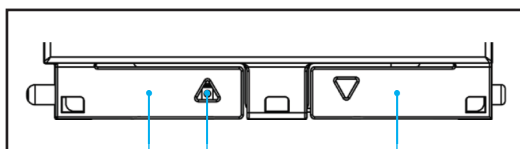
DIP-Switches:

- For operational set-up (including one-touch reset of system and activation of integrated ventilation buttons) see information on control panel flap.

Natural ventilation operation (optional)

Only operates when DIP-Switch 8 is on.

Integrated ventilation buttons:



Press to
open vent.

Press to
Close vent.

Light indicates
vent open.