



THERMAL FUSE REPLACEMENT FOR BAT72 FITTED TO BELIMO BF-TN, BLF-T & BFN-T RANGE OF FIRE/SMOKE ACTUATORS

Data Sheet
11.22

Thermoelectric tripping device for fire dampers in ventilation and air-conditioning systems

- Nominal voltage AC/DC 24 V
- Response temperature duct 72°C
- Duct probe length 65 mm
- Tested acc. to ISO 10294-4



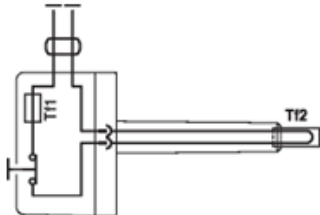
The BAT72 is a duct mounted thermal fuse with a local test button fitted, this safety fuse comes pre-wired on the Belimo BF-TN, BFL-T or BFN-T ranges of fire/smoke spring return damper actuators.

Wire colours:

- Tf1 = Duct outside temperature fuse
- Tf2 = Duct inside temperature fuse (replaceable)

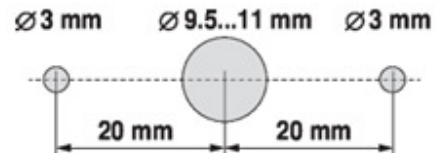
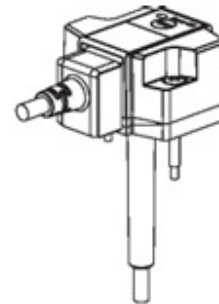
Wiring diagrams

AC/DC 24 V



Temperature fuses:

- Tf1 = Duct outside temperature fuse
- Tf2 = Duct inside temperature fuse (replaceable)



If the thermal fuse in the BAT72 duct probe blows it is possible to replace just the fuse part with a service replacement fuse section ZBAT72 or ZBAT95.

To replace the fuse section it is first recommended that the power to the unit be isolated.

Once isolated remove the BAT72 from the ductwork and unclip the black fuse section.

Then clip in the new ZBAT72 or ZBAT95 fuse section and re-install the repaired BAT72 back in the ductwork.

Finally ensure that the complete actuator is fully tested locally and tested from the automated fire system.

Note:- If the thermal fuse has blown you do not need to replace the complete BAT72, you only need to replace the relevant fuse section.

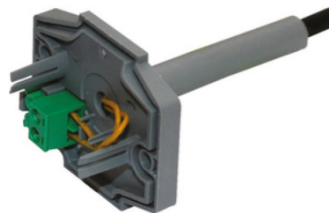
ZBAT72



Spare tripping element for BAT
Duct inside Temp 72°C
Probe colour Black
Probe length 65mm

ZBAT72 72°C (colour black)

ZBAT95



Spare tripping element for BAT
Duct inside temp 95°C
Probe colour Grey
Probe length 65mm

ZBAT95 95°C (Grey)

Replacement of the tripping element is only permitted by qualified specialists. The specific values according to the fire dampers documentation must be taken into account.

If you require any technical help with the above or other variations please contact MHServices.