

AP200 Heater Base B524HTR-W

Instruction Sheet
R10135GB0



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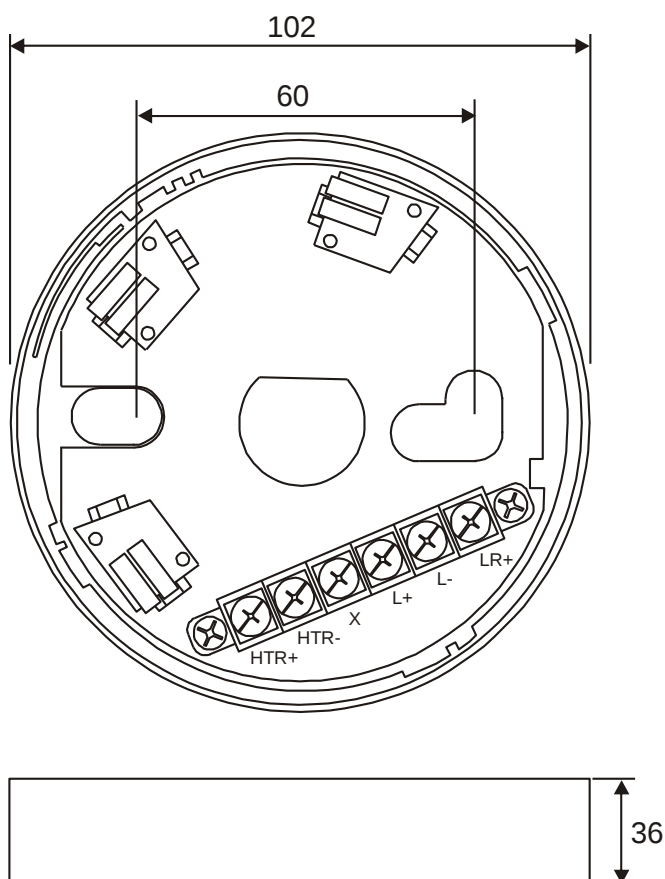
1 AP200 Heater Base B524HTR-W

The heater base B524HTR-W (FFS06710631) is used together with AP200 series detectors and is compatible with the FX-SLC (FX-LC) addressable loop in Esmi Sense FDP and FX fire detection system.

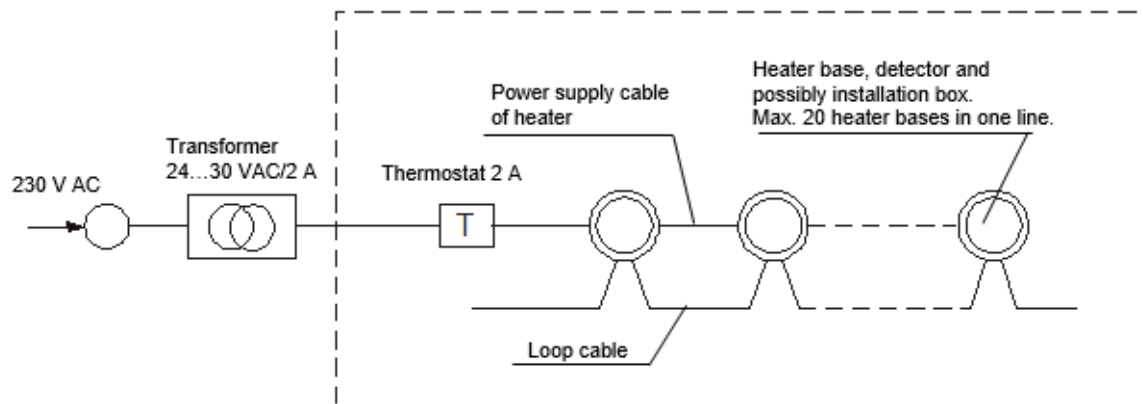
The B524HTR-W is a two-wire heated base. It has been designed to be used when environmental conditions mean frost or condensation may build in the detector's chamber and cause false alarms. The heater base raises the temperature of the detector by few degrees in order to avoid the build up of the condensation or frost in the chamber.

The heat delivered through the PCB heats the detector using convection airflows.

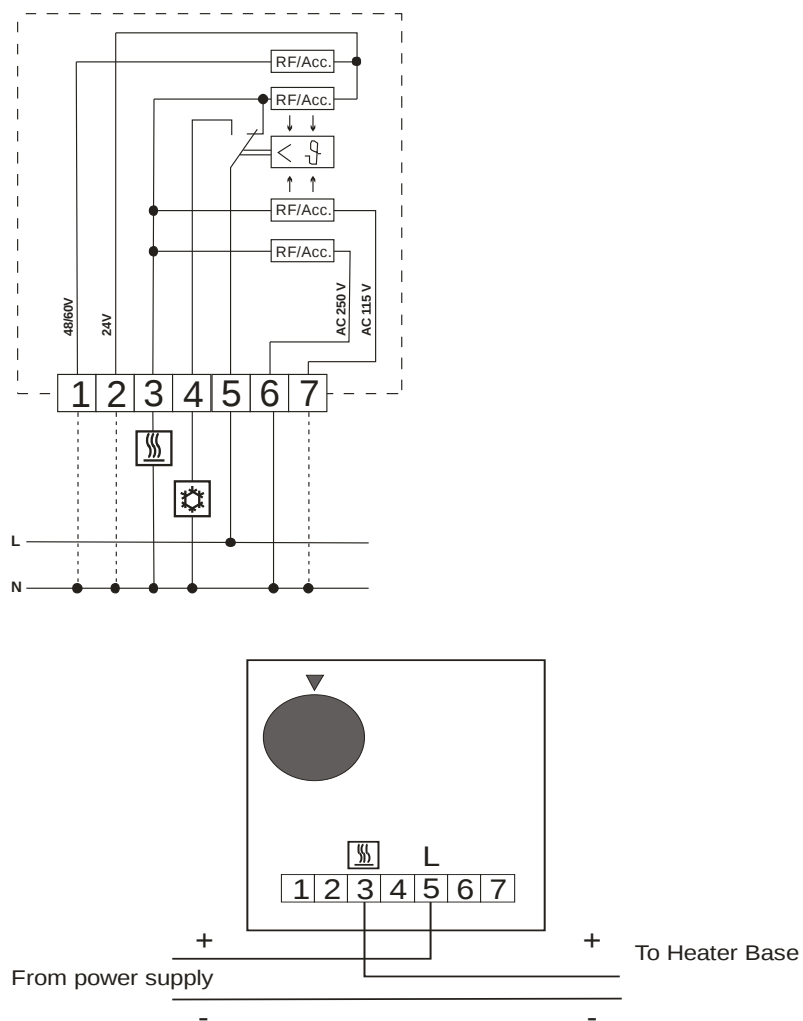
1.1 Mechanical installation



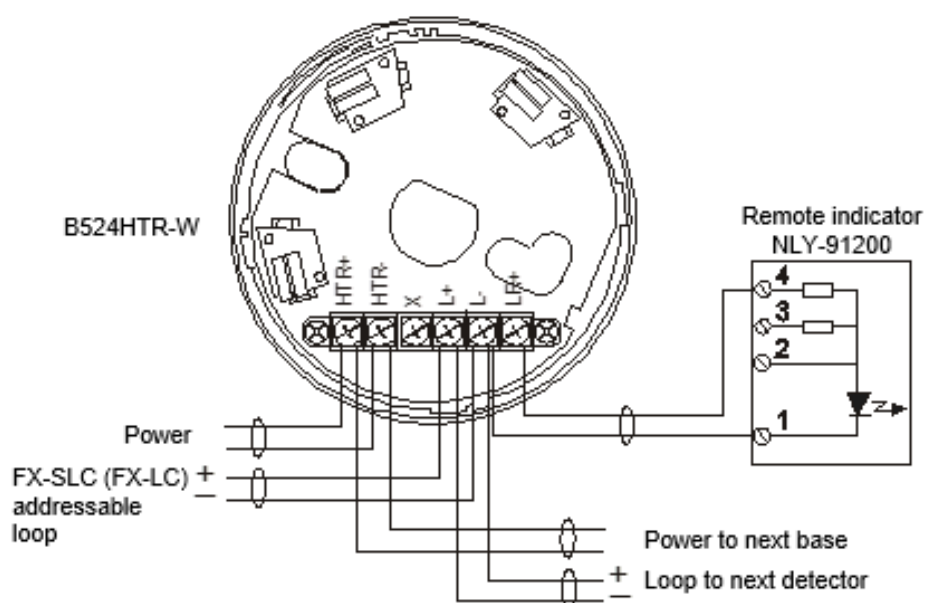
1.2 Wiring principle



1.3 Thermostat connections



1.4 Electrical installation



1.5 Electrical connections

Marking	Use
HTR+	Power supply +
HTR-	Power supply –
X	Not used (shield connection)
L+	Loop +
L-	Loop -
LR+	Remote indicator

1.6 Planning and installation

The maximum allowed voltage drop is 2 volt. The cable size must be selected based on the cable length, number of heaters used and allowed voltage drop.

Local regulations of electrical installations must be followed in planning and implementation.