HOCHIKI DFV-AWK-A-OW WATERPROOF HEAT DETECTOR INSTALLATION INSTRUCTIONS

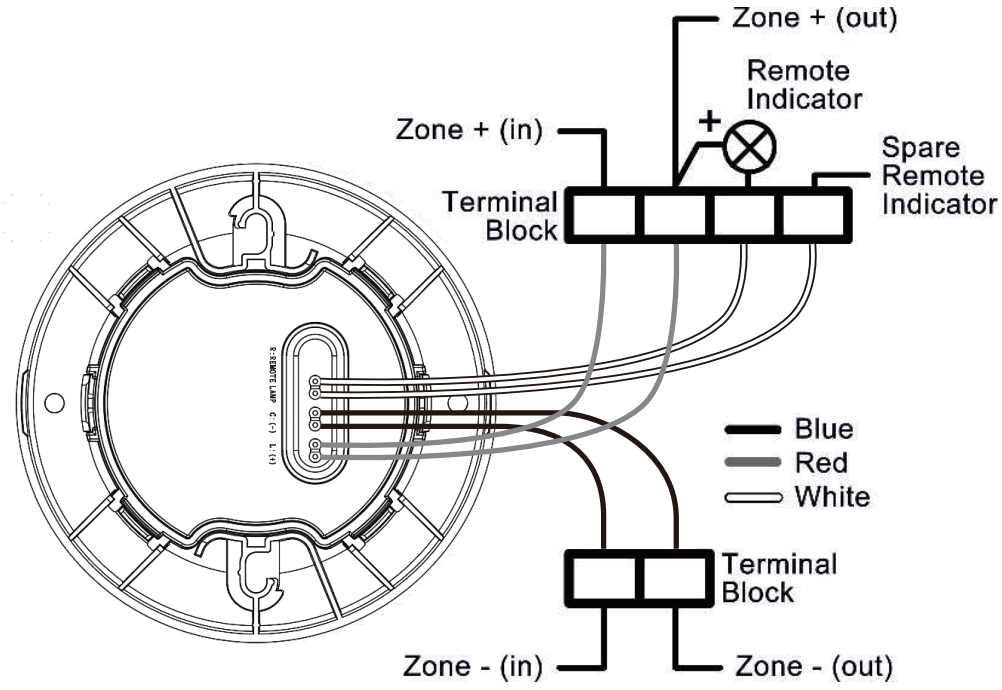
General Description

The DFV-AWK-A-OW detector is designed for areas that are exposed to water, and provides reliable heat detection with a slow or fast change in temperature. It is particularly suited to environments that are exposed to high levels of condensation or are hosed down and has a wide operating margin allowing it to respond to both slow and fast increases in temperature. It can also sense temperature reliably in a horizontal or vertical position.

The detector is supplied with a set of flying leads for direct connection to the conventional zone and remote LED (if required) and does NOT require any form of standard detector base.

WIRING

The wiring of the DFV-AWK-A-OW waterproof heat detector should be made as shown right:



Mounting

If a back box is required then the DFV-AWK-A-OW can be mounted using the MK Red Alert surface mounting range, for example the YCR/502.

Specifications

Ordering code	DFV-AWK-A-OW
Operating voltage	9.5 - 30Vdc (Nominal rating 24Vdc)
Quiescent current (typ)	17.5µA at 24Vdc
Current in alarm state	80mA at 24Vdc
Ambient temperature range	-10℃ to +50℃
Storage temperature range	-30℃ to +70℃
IP Rating	IP67
Colour / Case material	White / Modified Polycarbonate
Weight	80g
Fixing Centres	70mm
Approvals	AS ISO 7240-5:2018

Precautions

- Ensure that the device is installed in accordance with local standards or regulations.
- Only install in suitable environments, the following should be avoided : -
  - Excessive ambient temperature.
  - Hazardous areas.
- Do not use a high voltage tester on this device.
- Ensure that all wiring terminals are securely fastened.
- When positioning the detector ensure red FIRE LED is easily visible.

Dimensions

