

SMART 3-H-FM LITE

Refrigerant Gas Detector

2 pre-set output relays with
optional RS485 comms

For residential and commercial use

LED indication and internal
buzzer for audible warning



Specification

Size	Flush mount box: H76 x W54 x D24 mm (3 x 2.12 x 0.94ins) External mask: H118 x W118 x D14 mm (4.64 x 4.64 x 0.55ins)
Weight	0.2kg
Enclosure material	Polycarbonate
Ingress Protection	IP42
Power	12-24 Vdc or 90-240Vac
Electrical output	2 relays; RS485 serial output
Operating temperature	-10 / +50°C
Humidity	0 / 95% RH non condensing
Compliance	EMC: EN 61000-6-3:2007 + A1:2011; EN 50270:2015 Refrigeration Standards: EN 378-3; EN 14624; EN 50676; IEC 60335-2-40 Annex LL; ISO 5149-3; F-Gas Regulation

Gases

Gas	Sensor type
Carbon Dioxide (CO ₂)	Infrared sensor

Refrigerants

Refrigerant	Sensor type
R1234YF	Infrared sensor
R1234ZE	Infrared sensor
R134A	Infrared sensor
R32	Infrared sensor
R404A	Infrared sensor
R407C	Infrared sensor
R410A	Infrared sensor
R452B	Infrared sensor
R454A	Infrared sensor
R454B	Infrared sensor
R454C	Infrared sensor