



G003169

Conventional Heat Detector

Salwico

EC-H/A2S 58°C

Part no 5200172-00A

System: ServoFighter, Salwico Cargo

General Description

The EC-H/A2S conventional heat detector belongs to Salwico EC range of detectors. EC is a range of conventional detectors, which have been produced using the latest in manufacturing technology and supplied with an array of advanced features, making them 'better by design'.

The EC-H/A2S thermal detector uses a state of the art thermal element combined with an application specific integrated circuit (ASIC) to provide quick and accurate detection of fires. The detector incorporates a static element and is suitable where ambient conditions normally exhibit rapid changes in temperature e.g. galley.

The EC-H/A2S detector also has an integral LED, which illuminates to provide a local alarm signal. An optional remote LED annunciator may be used to repeat any alarm signal.

Features

- Low profile design
- Low current draw
- 58°C Fixed Alarm Temperature
- Operates at 12 and 24VDC
- Remote alarm test feature
- Easy Maintenance
- Range of detector bases available
- Remote LED Option
- Approved to EN54 – 5:2000 Class A2S

Data

Electrical Specifications

Operating Voltage Range	8 to 30VDC (Nominal 12/24VDC)
Maximum Standby Current at 25°C	70µA at 24VDC
Maximum Permissible Alarm Current	80mA (current limited by control panel)
Alarm Current at 24VDC	Max 33mA (with EC-BASE or EC-ADAPT)

Environmental Specifications

Application Temperature Range	-30°C to +70°C
Humidity	5% to 95% Relative Humidity (non-condensing)

Mechanical Information

Height	40.5mm (plus 9.5mm for standard base, 21mm for deep base)
Diameter	102mm
Weight	70g (plus 45g for standard base)
Wire Gauge for Terminals	0.4mm ² to 2.0mm ²
Colour	Approximates to RAL9016
Material	ABS
IP Rating	IP20/IP55 (Depending on base used)

Certificates

Certified according to  0832 11

CE
Conventional Heat Detector
EN54-5 : 2000 Class A2S + A1 5200172-00A EC-H-A2S 0832-CPD-1558 11
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OEM Part no. 156-3767-000

Detector Bases

For Dry Spaces	5200177-00A EC-BASE
For Wet Spaces	46950 IP55 Base 5200178-00A EC-ADAPT IP55