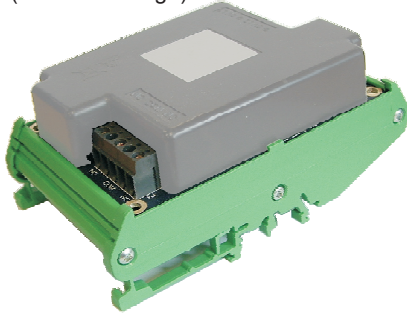


Data and Installation

Interface Module for Vigilon

Medium Voltage (MV) Output

S4-34411
Single Output Interface Module
DIN rail mountable
(Medium Voltage)



S4-34415
Single Output Interface PCB with cover
(Medium Voltage) in a metal box



These instructions cover the above LPCB approved interface options and accessories.

These S4 Single Output Interfaces are designed for use with any Vigilon/34000 fire alarm control panel. Each module includes loop isolators for device isolation.

The S4 Single Output Interfaces are suitable for mains switching, they provide normally closed and normally open contacts rated at 13A 250Vac (nominal 230Vac) resistive load.

Each S4 interface use one of 207 available device addresses on a loop and respond to regular polls from the control panel reporting the type of device.

Features

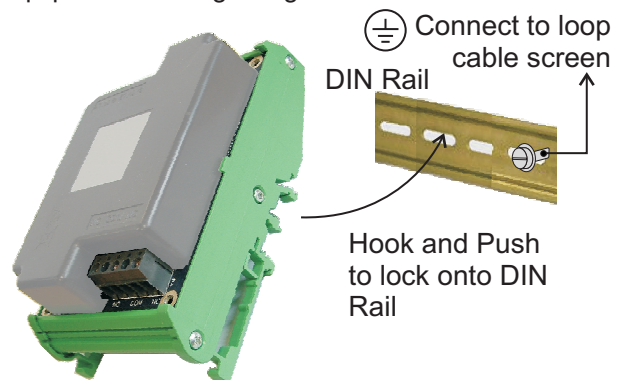
- Analogue addressable communications
- Built-in type identification automatically identifies these devices to the control panel
- Reliable communication technique with high noise immunity
- Soft or SAFE addressing
- Common mounting options including surface mount and DIN rail mount
- EN54-17:2005 and EN54-18:2005

Cables

Any suitably rated cable may be used for wiring the output lines to drive the required load. For information on cables recommended for wiring the loop circuits see instructions supplied with the fire control panel.


Installation

The S4 Single Output Interface module - DIN rail mountable (S4-34411) can be mounted in other equipment housing using a DIN rail.

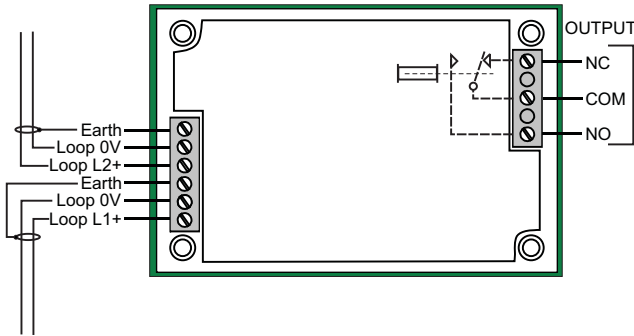



The S4 Single Output Interface is available in a metal box (S4-34415). The box provides cable termination points on the enclosure.

Connection diagram

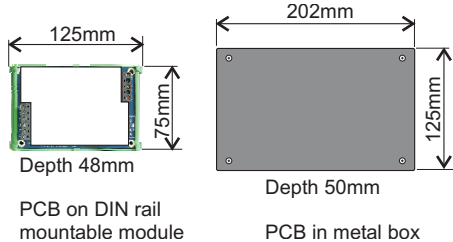
 **The loop cable screen must be continued through each interface module.**

If a module is mounted on a DIN rail, then the DIN rail must be electrically connected to the loop cable screen.




 **The output contacts are rated at 13A 230V ac resistive load. In order to meet the requirements of European Safety Standards, ensure that all cables carrying voltages in excess of 48V (Live and Neutral) are suitably fused.**


Dimensions



CE
0832
Gent by Honeywell
Hamilton Industrial Park,
140 Waterside Road,
Leicester LE5 1TN, UK

| | |
|--------------------|---|
| Product No. | EC Certification of Conformity No. |
| S4-34411 | 0832-CPD-1405 |
| S4-34415 | 0832-CPD-1407 |

 **At the end of their useful life, the packaging, product and batteries should be disposed of via a suitable recycling centre and in accordance with national or local legislation.**

 **WEEE Directive:**
At the end of their useful life, the packaging, product and batteries should be disposed of via a suitable recycling centre. Do not dispose of with your normal household waste. Do not burn.

Gent by Honeywell reserves the right to revise this publication from time to time and make changes to the content hereof without obligation to notify any person of such revisions of changes.

Technical data

| | |
|-----------------------|---|
| LPCB Approved | EN54-17:2005 & EN54-18:2005 |
| Dimensions | See illustrations |
| Weight | DIN mountable:138g PCB with cover in metal box:800g |
| Storage temperature | -30°C to 70°C |
| Operating temperature | -10°C to 60°C |
| Relative Humidity | Up to 95% - Temperature 5°C to 45°C(Non condensing) |
| Emission | BS EN 61000-6-3:2001 Residential, Commercial & Light Industry Class B limits |
| Immunity | BS EN50130-4: 1996: Part 4 |
| LVD | BS EN 60950-2002 |
| Ingress Protection | Metal box - IP40 estimated |
| Colour - Metal Box | Dark Grey |
| Output | Single pole change over contacts rated at 13A 230V ac Resistive load. |
| Contact ratings | Type 1hp @ 240V ac, 1/2hp @ 120V ac (UL508) |
| | Cycle 6x10 ³ |
| Terminals | 2.5mm ² |
| Load Factor | 5 (maximum 200 devices per loop) |
| EN54-17 data | V _{max} 42V V _{nom} 40V V _{min} 24V V _{SO max} 16V V _{SO min} 8V I _{C max} 0.4A I _{S max} 1A I _{L max} 20µA Z _{C max} 0.1Ω |
| Panel compatibility | Compatible with LPC = V3.92 / V4.33 & MCC = V3.90 / V4.31. |