

# Platon Flow Alarms For Glass VA

## DS3801



### FEATURES

- Two channels
- Alarm indicators
- "Set-up pending" indicators
- Mains AC or DC power
- SPCO relay output
- DIN rail mountable



### DESCRIPTION

The Floscan Mains Interface Relay Module is a DIN rail/surface mounted unit that provides DC power for one or two GIR (Floscan) Infra-red flow alarm sensors, from any mains power source. Each sensor output drives a relay in the module, allowing external signalling via the 8 Amp voltage free relay contacts. The two Floscan sensors can be high or low flow alarms (dictated by the sensor orientation) and can be on the same flowmeter tube, or on separate flowmeters. Relay status as well as set-up status are displayed by LED indicators.

The module can also be used to power and monitor alarm outputs from the GMTXD Transmitter.

### SPECIFICATION

Mains Power Input	20-256Vac, 50/60Hz 24-370Vdc
Sensor Power Output	+9Vdc 100mA (suitable for GIR Alarm modules) +12Vdc 100mA (suitable for GMTXD transmitter)
Floscan Inputs	Two channels
Relay Outputs	Two 8A 250Vac maximum, SPCO
LED Indicators	Green - alarm ON (relays energised) Red - set-up procedure must be carried out Yellow - power on
Temperature	-5 to +50°C
Dimensions	H77 x W75 x D115 mm
Terminal Covers	When fitted over terminals protection rating IP20
Order Code	58384 Floscan Alarm module.

### CONNECTIONS

E	Earth
SCR	Sensor Cable Screen (the end of the cable shield should be as short as possible)
S1	Sensor 1 input
S2	Sensor 2 input
0V	Sensor supply and output common
+9V	Sensor supply
L	Live power
N	Neutral power
CH1	Relay output from Sensor 1: Common, Normally Closed, Normally Open
CH2	Relay output from Sensor 2: Common, Normally Closed, Normally Open
+24V	Earth bond Sensor supply (24V)

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Head Office: 2 Downgate Drive, Sheffield, S4 8BT, England  
Tel: +44(0)114 244 2521 Fax: +44(0)114 243 4838