

# 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

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

## CONNECTIONS

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

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### General Note

TT Electronics reserves the right to make changes in product specification without notice or liability. All information is subject to TT Electronics' own data and is considered accurate at time of going to print.

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