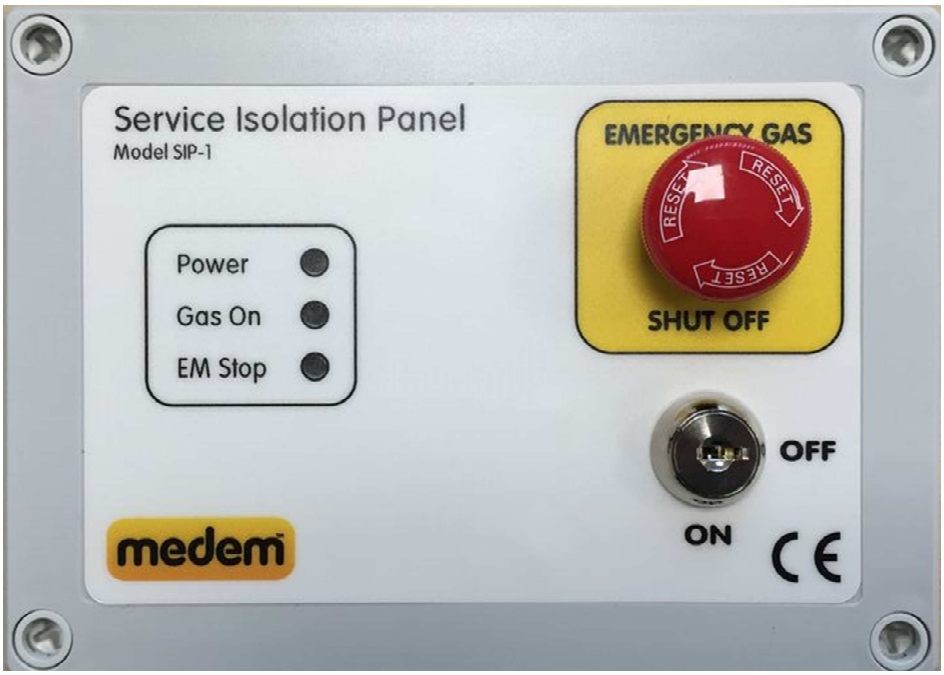
medem SIP-1

Service Isolation Panel



Dimensions

Width 180mm
Depth 60mm
Height 130mm

Description

The Medem SIP-1 service isolation panel is designed to provide an effective means of isolating Gas, electricity, Oil or water by means of a key switch on the panel, or in the event of an emergency by operation of the emergency shut off button or connected fore alarm or thermal link.

The key operated SIP-1 has an emergency shut off button fitted as standard. The control panel has three indicator LED's "power", "gas on" and "E.M. stop".

To power up the system the key switch should be turned to the on position, the "power" L.E.D will illuminate and any connected valves will open. In the event of the emergency stop button being activated any valve connected to the panel Will close. To reopen the valve the panel can be reset using the key switch.

Labels for Oil, Water & Elec can be supplied as overlays for the Gas on indication LED.

Medem (UK) Limited
Project House, 19 Dallimore Road,
Roundthorn Industrial Estate,
Manchester, M23 9NX
M

Tel: +44 (0) 161 233 0600
Fax:+44 (0) 161 233 0601
Website: www.medem.co.uk
e-mail:sales@medem.co.uk

Cert No. 10213

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SERVICE ISOLATION PANEL
WIRING & OPERATION INSTRUCTIONS

The object of this panel is to be able to operate a solenoid valve by means of a of a key switch. In addition to the key switch, an emergency stop button is also provided with the possibility of other remote emergency stop buttons being able to be connected.

Visual indications consist of Power On, Gas On and EM Stop.

In the event of the emergency stop being operated, the valve will close and the visual indicator illuminate.

To reset from an emergency stop condition, not only must the emergency stop button/ buttons be reset but the key switch must also be turned to the Off position. This is to prevent the valve re-opening upon resetting of the emergency stop button.

Should a mains failure occur, then the valve will close. On restoration of the mains power the valve will remain closed even if the key switch has been left in the On position. Key must be turned to the Off position to reset the system.

Terminals

Mains input	L N E
Mains Output (Fused) L	N E
Valve 1 Relay	NO, NC and C
Valve 2 Relay	NO, NC and C
Remote EM Stop	2 terminals (linked out if not required)

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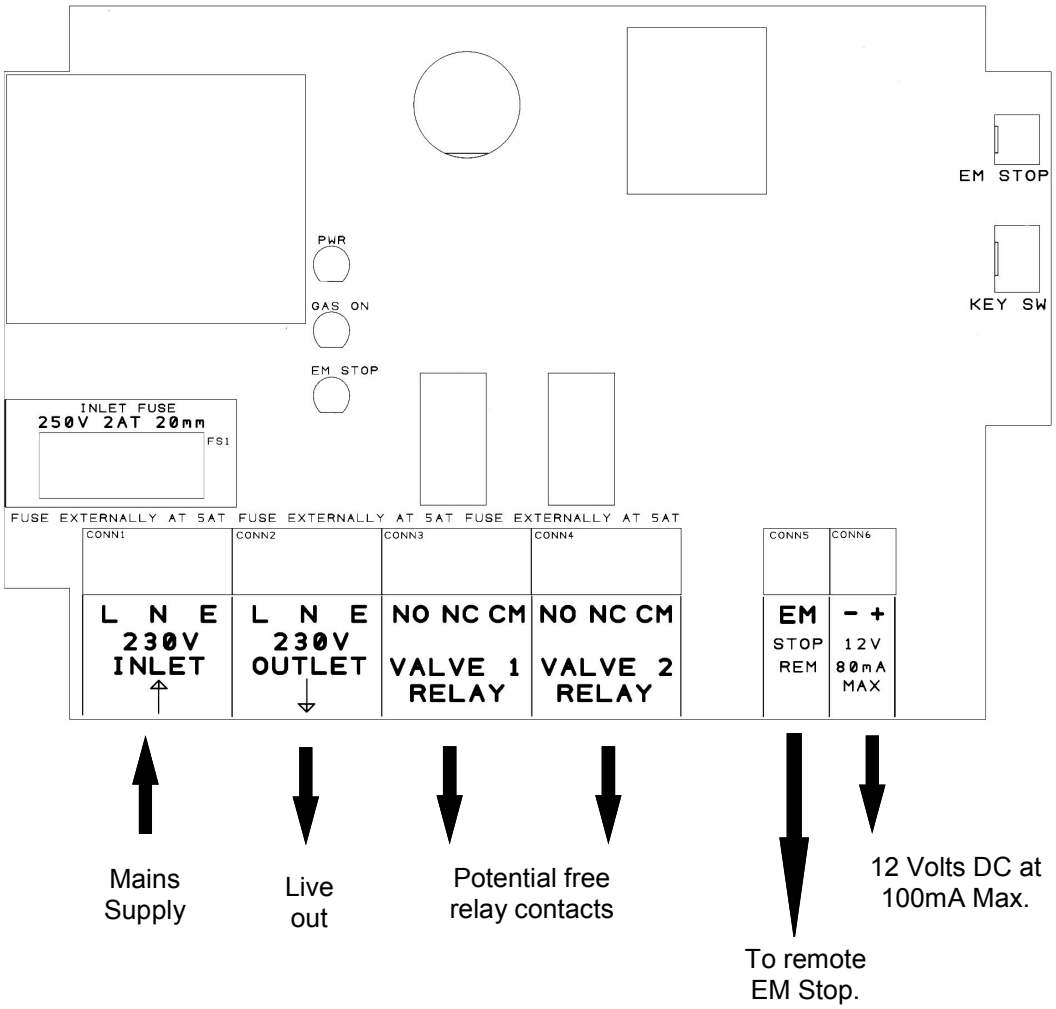


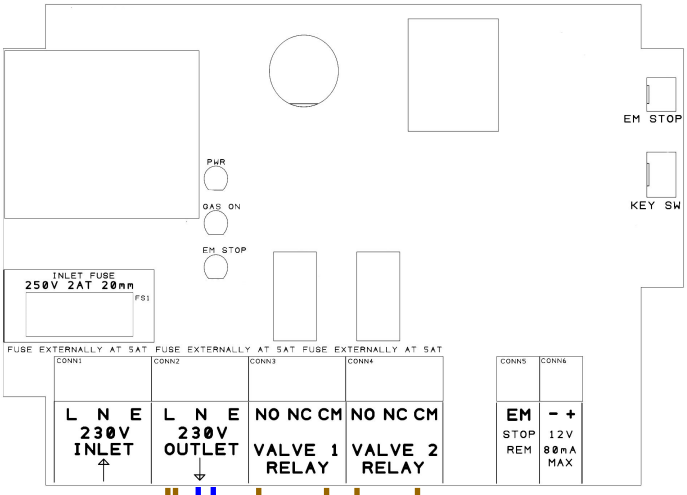
Mains Supply

Live out

Potential free relay contacts

12 Volts DC at 100mA Max.

To remote EM Stop.



L N E
Supply

L N E
Valve
etc

L N E
Valve
etc

Earth valve connections not shown.

Typical connection when using a 230v solenoid.

IMPORTANT

FOR CORRECT OPERATION, DO NOT WIRE 230V AC VALVE DIRECT TO 230v AC OUT TERMINALS.

(Follow the wiring diagram and use the Valve Relay).