

HEVAC SRIF 26-02-25 Interface Module User Guide

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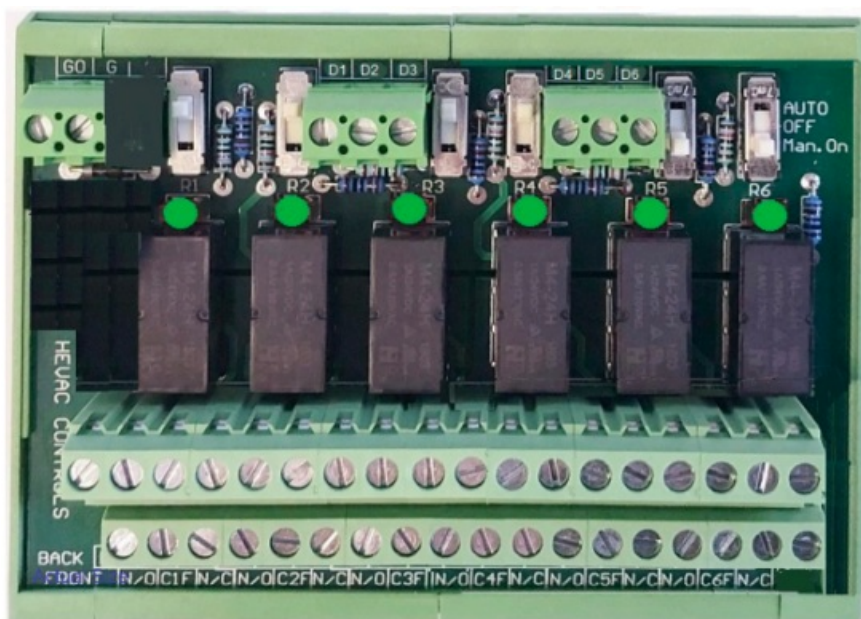
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24vDC or AC (BMS TRIAC O/P COMPATIBLE)



SRIF

6 x DPDT 24vAC/DC RELAYS

C/W AUTO/OFF/MANUAL SWITCHES & STATUS LEDS

24vAC or DC POWERED RELAY INTERFACE

Features

- 6 INDEPENDENT I/O CIRCUITS
- TRIAC & SCR I/P COMPATIBLE
- AUTO/OFF/MANUAL O/P CONTROL
- LED INDICATION OF RELAY STATUS
- 6 X DUAL C/O CONTACT RELAYS (DPDT)
- 0.5 Amp RELAYS rated at 240vAC
- DIN RAIL MOUNT.

Use

The SRIF is purpose built as a 6 channel 24v powered relay interface module allowing control of 6 independent input / output control interlock circuits. The 6 relays respond to switched 24vAC or DC inputs from external control interlocks that control 6 on board double pole c/o relays. Each relay has 2 c/o sets of contacts which allow connection to 2 output circuits ..ie to operate a drive open/drive close damper motor & an indicating lamp. Each relay is also subject to an on board Auto / Off / Manual control switch to assist in circuit setup & testing.

Made in Australia
100% Australian Owned Company



Technical Data

Electrical Specifications

<u>Input Power Supply</u>	24vAC +/- 10% OR 24vDC +/- 5% @ 8mA per input
<u>Output Indication</u>	6 x 3mm green led (1 per input) On = Relay energized
<u>Input Terminals</u>	24v sourced from "G" terminal or from an external 24v source but linked & referenced to the "GO" terminal.
<u>Voltage free Relay outputs</u>	1 Amp @ 24vac , 0.5 Amp @ 240v

Note : Due to the close proximity of output circuit board tracks between the different relays and connection terminals etc, and in keeping with Australian electrical segregation safety regulations, DO NOT MIX voltages on the relay connections.

Environmental Conditions

Operation

Ambient Temperature	0...45°C
Humidity	< 85 % RH (Non Condensing)

Storage and Transport

Ambient Temperature -5...65°C
 Humidity < 90 % RH (Non Condensing)

Weight

Including Packaging 250 grams

Housing

Colour Green
 Material ABS POLYCARB
 UV Stabilised YES
 Fire Retardant YES
 Size L83mm x W115mm x D53mm
 Mounting Method 35mm Din Rail Mountable

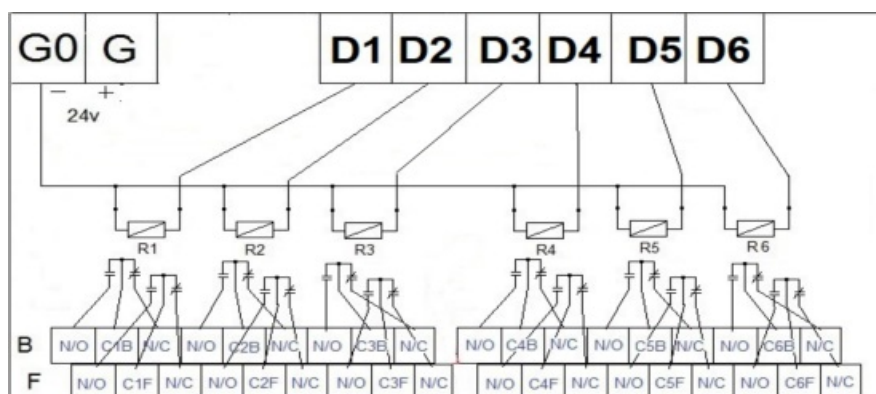


L 83mm W115mm D 53mm

Terminal Designations

GO 24v NEUTRAL supply
 G 24v ACTIVE supply

R1 Relay 1 24v Active Control Input
 R2 Relay 2 24v Active Control Input
 R3 Relay 3 24v Active Control Input
 R4 Relay 4 24v Active Control Input
 R5 Relay 5 24v Active Control Input
 R6 Relay 6 24v Active Control Input



Relay 1 N/O Back Contact

Relay 1 C1B Back Common
Relay 1 N/C Back Contact
Relay 1 N/O Front Contact
Relay 1 C1F Front Common
Relay 1 N/C Front Contact

Relay 2 N/O Back Contact
Relay 2 C2B Back Common
Relay 2 N/C Back Contact
Relay 2 N/O Front Contact
Relay 2 2BF Front Common
Relay 2 N/C Front Contact

Relay 3 N/O Back Contact
Relay 3 C3B Back Common
Relay 3 N/C Back Contact
Relay 3 N/O Front Contact
Relay 3 C3F Front Common
Relay 3 N/C Front Contact

Relay 4 N/O Back Contact
Relay 4 C4B Back Common
Relay 4 N/C Back Contact
Relay 4 N/O Front Contact
Relay 4 C4F Front Common
Relay 4 N/C Front Contact

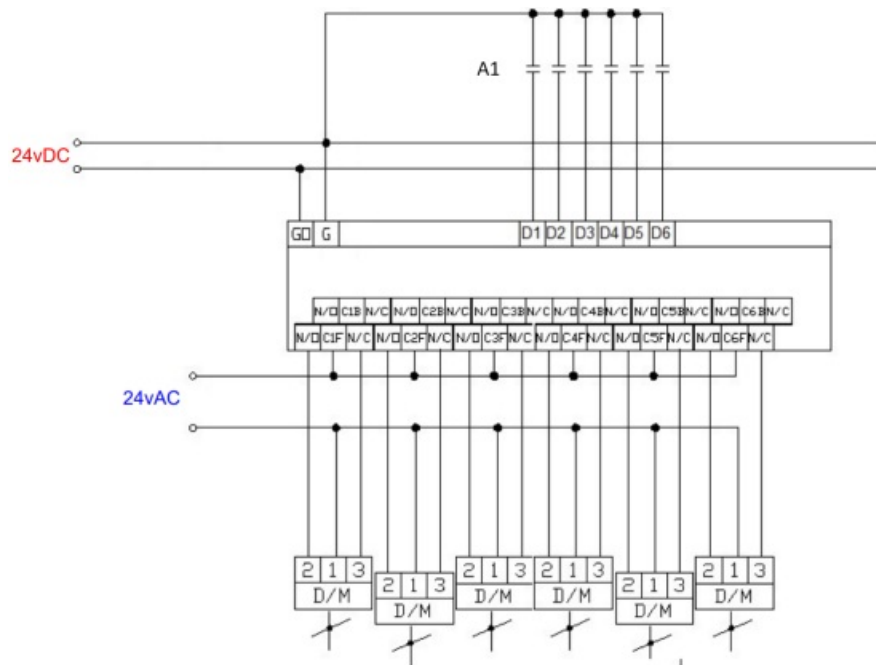
Relay 5 N/O Back Contact
Relay 5 C5B Back Common
Relay 5 N/C Back Contact
Relay 5 N/O Front Contact
Relay 5 C5F Front Common
Relay 5 N/C Front Contact

Relay 6 N/O Back Contact
Relay 6 C6B Back Common
Relay 6 N/C Back Contact
Relay 6 N/O Front Contact
Relay 6 C6F Front Common
Relay 6 N/C Front Contact

Application Examples

EXAMPLE 1

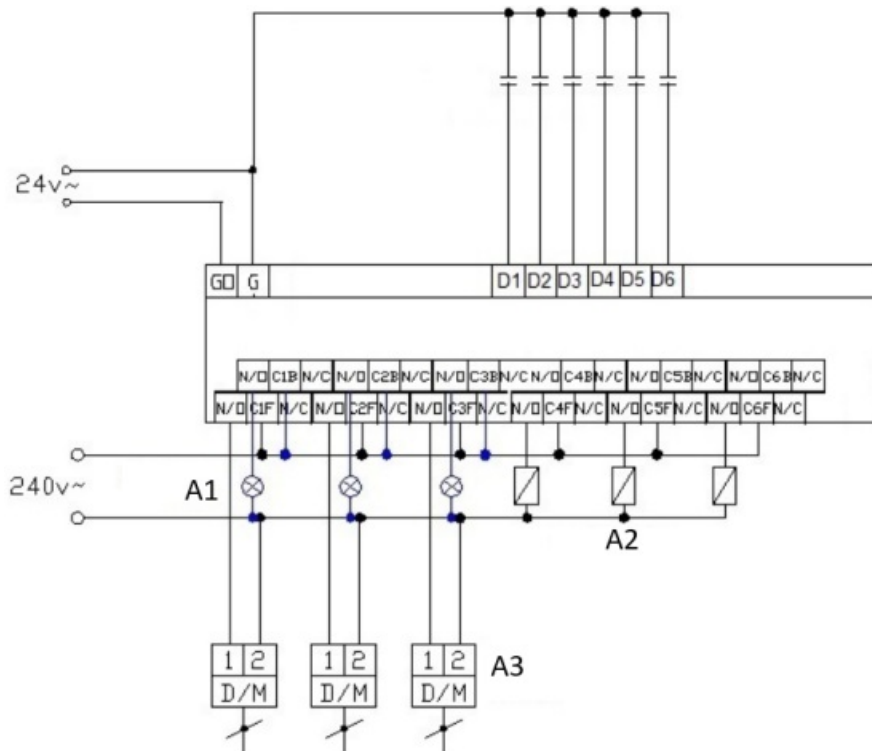
6 X 24V DRIVE OPEN / DRIVE CLOSE DAMPER MOTORS



A1: FIRE MODE INTERLOCKS

EXAMPLE 2

3 X 240V S/R DAMPER MOTORS
3 X INDICATING LAMPS
3 X AUXILLARY CONTACTORS

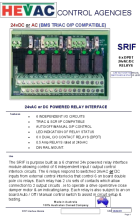


A1: INDICATING LAMPS

A2: CONTACTORS

A3: 240v DRIVE OPEN SPRING CLOSE DAMPER MOTORS

Documents / Resources

	<p>HEVAC SRIF 26-02-25 Interface Module [pdf] User Guide</p> <p>SRIF 26-02-25, SRIF 26-02-25 Interface Module, SRIF 26-02-25, Interface Module, Module</p>
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References

- [User Manual](#)

Manuals+. [Privacy Policy](#)

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