



Output Conversion Modules

The Tempatron output conversion modules are designed to be connected to the SSR output from a digital temperature or process controller.

The CONV0/10A0 module converts the 10Vdc PWM (pulse width modulated) signal into an analogue 4-20mA or 0-10Vdc output whilst the CONVONOFF0 module converts the 10Vdc PWM signal into an on/off relay output.

These conversion modules are housed in a compact DIN rail mounting enclosure and are powered from 24Vac.

Models Available

CONV0/10A0 10Vdc PWM to
0-10Vdc or 4-20mA

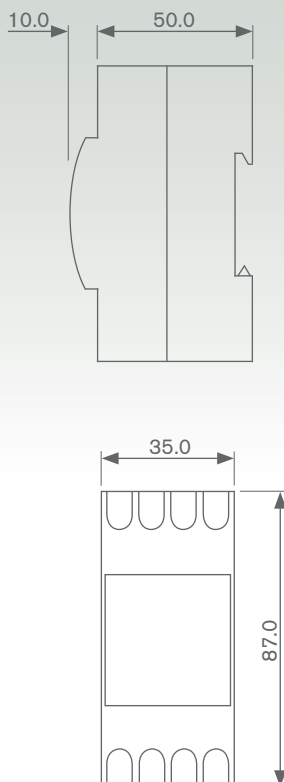
CONVONOFF0 10Vdc On/Off to
SPCO Relay

Product Features

- Converts an SSR control signal
- 0-10Vdc or 4-20mA output
- On/Off relay output
- 24Vac auxiliary powered
- IP20 enclosure code
- DIN rail mounting

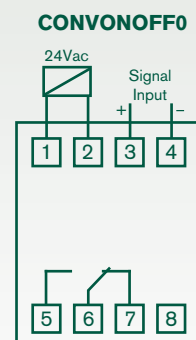
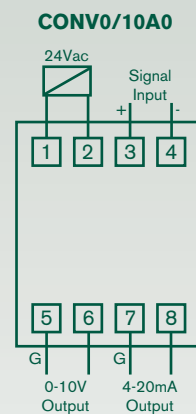
For conversion of SSR control signal to a on/off relay or analogue output

Dimensions



All dimensions in mm

Connections



Ordering information

Model	Code	Description
	CONVO/10A0	10Vdc PWM signal to 0-10V or 4-20mA output
	CONVONOFF0	10Vdc on/off signal to on/off relay output
Example	CONVO/10A0	

Specification**Power Supply Voltage:**

- 24Vac ($\pm 10\%$)

Burden

- <50mA for CONVO/10A0
- <30mA for CONVONOFF0

Frequency:

- 50/60Hz

CONVO/10A0 Input:

- 10Vdc PWM (10/20mA)
- Impedance 200ohms
- Pulse: minimum 8ms, maximum 200ms

CONVONOFF0 Input:

- 10Vdc On/Off (10/20mA)
- Impedance 200ohms

CONVO/10A0 Output:

- 0-10Vdc (5mA maximum)
- 4-20mA (7Vdc maximum)
- Response time 1.2 seconds

CONVONOFF0 Output:

- Single pole changeover contact
- 10A at 240Vac/30Vdc (resistive)

Operating Temperature:

- 0°C to 50°C

Storage Temperature:

- -10°C to 70°C

Enclosure Code:

- Case IP20

Weight:

- 110g

Markings:

- CE marked (meets EN61010-1 low voltage and EN50081-1/50082-1 EMC directives)

Specification subject to change without notice.

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TEMPATRON

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