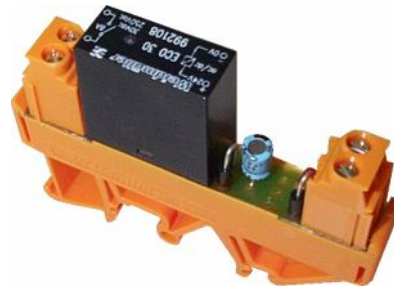


ECO30

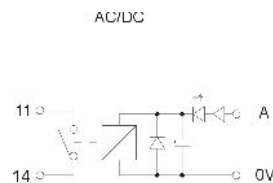
Features:

- Low Cost
- Compact 11.5mm wide.
- Mounts TS32 & TS35 DIN rails.
- 4000V RMS isolation.
- 8A / 240V rated.
- LED relay state indication.
- Input diode protection.
- Coil back EMF diode protection.
- 24VAC/DC.
- CE, CSA & UL pending.



Circuit Diagram

1 Normally Open



Specifications

Input A	24Vac/dc
Nominal Operating current	26mA
Drop-out current of the relay (at 20 deg C)	5.5mA
Pick-up current	12.5mA
AC Frequency range	47-63Hz
Output	Normally open contact
Contact material	Silver alloy (Cadmium free)
Nominal switching capacity	250Vac 8A, 30Vdc 8A (resistive)
Max. Continuous current	8A (at max. voltage) resistive - refer to temp/spacing derating curve
Min. Switching capacity	5Vdc, 100mA
Max. Switching power	2000VA, 240W
Operate time (at nom. voltage)	12mS 23-38mS
Release time (at nom. voltage)	9mS 8-22mS
Max. operating speed (at rated load)	20Hz 10Hz
Contact life (Lamp Load) at rated load	100 x 10 ³ operations min. (25 x 10 ³ operations min.)
Mechanical life	2 x 10 ⁶ operations
Operating temperature range	without clearance -25...+50°C
	with 20mm clearance -25...+70°C

Isolation

Initial breakdown voltage	
Between open contacts	1000Vac
Between contacts and coil	4000Vac
Surge strength	5000V

Dimensions

Terminal width	11.2mm
Width across rail	70mm
Height on rail	TS32 / TS35 x 7.5 / TS35 x 15
Conductor size	Solid: 0.5...4.0mm ² Flexible: 0.5...2.5mm ²

Approvals

CE approved (UL and CSA pending)

EMC / LVD

EN50081-1, EN50082-1 / EN61010-1

Installation



To be installed/maintained by qualified personnel as per instructions, or module safety may be compromised.

To be installed in a metal enclosure.

Design for IEC664 Installation Category II use.

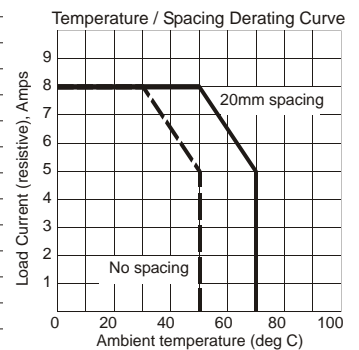
Cleaning

Wipe only with a damp cloth moisten with water. (de-energise before cleaning)

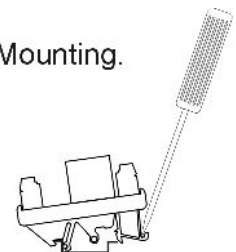
Ordering Data

Cat no **7940005581**

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<http://www.weidmuller.com.au>



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