

RVD3 RVA3

MODELS

Features:

- 75 amp total rating allows 25 amps per phase for three phase load
- 500 volt
- Internal MOV
- Superior Surge Survival™
- DC logic and AC logic inputs available
- fuses are external using triple fuseholder and fuses
- CE compliant
- UL recognised
- CSA certified



Three phase solid state relay with integral heatsink

Ratings

The current rating of the RVD3 and RVA3 is 75 amps total current. This means that for three phase application, the limit is 25 amps per phase. Voltage rating is 500 volts, AC. Superior Surge Survival™ is a technique used to provide greater immunity to voltage transients. Internal MOVs provide additional protection.

Inputs

The RVD3 accepts a DC Logic signal and the RVA3 an AC Logic signal.

Firing mode

All units are Logic firing with zero voltage switching.

Fusing

External high speed fuses are available, mounted in a triple fuseholder.

Cooling

The built in heat sink is cooled by natural convection.

SPECIFICATIONS

Electrical ratings

Current	25amp per phase (max) for 3 pole, 35 amps per phase 2 pole 40 amps for single phase
Voltage range	500Vac (24V-560V)
Frequency	47-63Hz
Blocking voltage	1400 volts
Isolation	4000V

DC input

Turn on voltage	4V(min) 32V(max) 8mA max
Turn off voltage	1 volt (max)
Reverse voltage protection	-100V

AC input

Turn on voltage	100V (min) 280V(max) 25mA max
Turn off voltage	20 volts (max)

Voltage drop	3V
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Holding current	100mA
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Residual current	8mA max
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Indication	LED input status indication
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Firing mode	Logic (on/off) with zero voltage switching
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Dimensions (mm)	87(H) x 90(W) x 98(D)
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Fuseholder dimensions (mm)	95(H) x 79(W) x 86(D)
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Environment

Operating temperature	0 to 40°C
Humidity	5% to 95% non condensing, non streaming
Atmosphere	Non corrosive, non explosive, and non conducting
Altitude	2000 metres maximum
Pollution	Pollution degrade 2 admissible, defined by IEC644

ORDERING CODE

DC Logic input

RVD3/5V75T/L/A2

AC Logic input

RVA3/5V75T/H/A2

FUSES

Fuse and fuseholder (triple)

CFU351/32A/00

Spare fuses

3 off CH330044

EUROTHERM LIMITED UK

Faraday Close Durrington Worthing BN13 3PL United Kingdom

Tel. +44 (0)1903 205277 Fax +44 (0)1903 236465

Email info@eurotherm.co.uk

Web www.eurotherm.co.uk

EUROTHERM US

741-F Miller Drive Leesburg VA 20175-8993

Tel. 1-703-443-0000 Fax 1-703-669-1300

Email info@eurotherm.com

Web www.eurotherm.com

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