

RVD3/RVA3

Three Phase, DIN Rail, Solid State Contactor



Features

- 25 to 35 amps, 660Vac max.
- three phase (three leg) control
- zero switching
- suitable for resistive loads
- finger safe
- LED status indicator

Specifications

Dimensions:

87H x 90W x 100D mm

Load type

Resistive

Input:

- DC Input (L) ON > 4Vdc/10mA, 32Vdc/15mA max, current limited, OFF < 1Vdc
- DC Input (H) ON > 10Vdc/3.5mA, 60Vdc/6mA max, current limited, OFF < 1Vdc
- AC Input (H) ON ≥ 100V/9mA, 280Vac/30mA max., OFF ≤ 2mA, 10kΩ impedance

Output:

- Current ratings 25A (3 pole), 35A (2 pole)
- Voltage ratings 5V-24V to 575V max. (int. MOV)
6V-24V to 660V max.

Firing mode:

Logic, ON/OFF

Frequency

47-63 Hz

Voltage drop

3.0 Vac

I²t Rating

1350 A²sec

Leakage @ Vout

10 mA max

Peak blocking voltage

1400 V

Offstate dVdT

1000 V/μsec

Operating temperature

0°C to 40°C (up to 80°C with derating)

Ordering codes

Model	Rating	Input

Model	Input	Rating
RVD3 DC logic	RVD3 4-32 Vdc	5V75T 575 Vac, internal MOV
RVA3 AC logic	H 10-60 Vdc	6V75T 660 Vac
	RVA3 90-280 Vac	

External fuses and holders may be ordered separately, see pages 3-47 to 3-49.

Fuses and Accessories

	Fuse Rating	I ² T Fuse and Holder
external	30A/3 phase	FUSE-KIT-14-330
		I ² T Fuse Only
	30A	FUSE-EXT-14-030
handle	Current	Holder Only
	30A/3 pole	FUSE-HLDR-14-03
		FUSE-3HANDLE-00