

RVDA/RVAA/RSDA/RSAA

Single Phase, Solid State Contactor



These fixed build, DIN rail mounted SCR units provide an inexpensive way of delivering power to resistive loads. The integral heatsink simplifies mounting and ensures adequate heat removal when mounted in a suitable enclosure.

Ordering code

1	2	3	A02
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1	Model	2	Type	3	Rating
RV	25-40 amp	DA	4-32 Vdc input, AC output	Current	25 amps 575V
RS	50-100 amp	AA	100-280 Vac input, AC output	5V25	25 amps 660V
		MA	4-20 mA input, AC output (25/40A only)	5V40	40 amps 575V
				6V40	40 amps 660V
				660-50-IEO	50 amps 660V
				660-75-IEO	75 amps 660V
				660-100-IEO	100 amps 660V
				660-100-BEO	100 amps 660V*

* Requires external fuse kit

Fuses and Accessories

external	Fuse Rating	I ² T Fuse and Holder
	25A	FUSE-KIT-14-025
	40A	FUSE-KIT-14-040
	63A	FUSE-KIT-22-063
	80A	FUSE-KIT-22-080
	100A	FUSE-KIT-22-100
internal	I ¹ T Fuse Only	
	63A	FUSE-SEMIBR-63A
	100A	FUSE-SEMIBR-100
external	Holder Only	
	25A	FUSE-EXT-14-025
	40A	FUSE-EXT-14-040
	80A	FUSE-EXT-22-080
	100A	FUSE-EXT-22-100
Current	Holder Only	
10-50A	FUSE-HLDR-14-01	
75-100A	FUSE-HLDR-22-01	

Features

- 25–100 amps, 660Vac max.
- single phase zero-fired
- integral heatsink design
- LED input and fault indicators
- internal I²t fusing (≥50A)
- DC, AC, and 4-20mA input versions

Specifications

Dimensions:

25A:	87H x 30W x 100D mm
40A:	87H x 60W x 100D mm
50A:	126H x 60W x 131D mm
75A:	126H x 90W x 131D mm
100A:	126H x 120W x 131D mm

Mounting:

Panel or symmetrical DIN rail

Inputs:

RSDA–DC Input:

ON ≥4V/6mA, 32Vdc/9mA max., OFF ≤1V

RSAA–AC Input:

ON ≥100V/9mA, 280Vac/25mA max.

OFF ≤20V

RVDA–DC Input:

ON ≥4V/5.4mA, 32Vdc/10mA max, current limited, OFF ≤1Vdc

RVAA–AC Input:

ON ≥100V, 280Vac max. OFF ≤2mA, 10Ω impedance

Input impedance:

40kΩ

Load type:

Resistive

Firing mode–Logic:

Zero crossing switching

Operating temperature:

0 to +40°C (up to 80°C with derating)