

SVDA/SVAA

Single Phase, Solid State Relays



SVDA/SVAA units must be correctly installed on an appropriate heatsink in order to dissipate the heat generated. The heatsink can be in the form of a metal plate such as the backplate of a control panel or a proprietary heatsink available from Eurotherm.

For further information on the selection and supply of SVDA/SVAA units, contact your local Eurotherm office.

Ordering code



2	Type	3	Rating
DA	4-32 Vdc input, AC output	Current 3V10 10 amps, 330V 3V25 25 amps, 330V 3V50 50 amps, 330V 3V75 75 amps, 330V 6V50 50 amps, 660V 6V75 75 amps, 660V	
AA	100-280 Vac input, AC output		

Fuses and Accessories

Fuse Rating	I ² T Fuse and Holder	all external
10A	FUSE-KIT-14-010	
25A	FUSE-KIT-14-025	
40A	FUSE-KIT-14-040	
50A	FUSE-KIT-14-050	
80A	FUSE-KIT-22-075	
I²T Fuse Only		
10A	FUSE-EXT-14-010	
25A	FUSE-EXT-14-025	
40A	FUSE-EXT-14-040	
50A	FUSE-EXT-14-050	
80A	FUSE-EXT-22-075	
Holder Only		
10-50A	FUSE-HLDR-14-01	
75-100A	FUSE-HLDR-22-01	

Features

- 10–75 amps, 330Vac max.
50–75 amps, 660Vac max.
- single phase zero-fired
- LED input indicator
- clear safety cover included
- panel mount with optional heatsink available
- DC and AC input versions

Specifications

Dimensions:

57.1 H x 44.5 W x 34.8D mm
when mounted on a vertical panel

Load type:

Resistive

Inputs:

SVDA–DC Input:

DC Logic:

- 10-25A ON $\geq 4\text{Vdc}/5.4\text{mA}$, 32Vdc/10mA max. current limited
- $\geq 50\text{A}$ ON $\geq 4\text{Vdc}/3.5\text{mA}$, 32Vdc/8mA max. current limited
- OFF $\leq 1\text{Vdc} \geq 40\text{A}$

SVAA–AC Input:

AC Logic: ON $\geq 100\text{V}$, 280Vac max.

OFF $\leq 2\text{mA}$, 20k Ω impedance

Current ratings:

10A, 25A, 50A, and 75A @ 330V max.
and 50A and 75A @ 660V max.

Operating temperature:

0 to +40°C

Optional Heatsinks and Accessories

HEATSK-DIN-1.6	87H x 60W x 71.1D
HEATSK-DIN-1.0	122.68H x 60W x 86.3D
HEATSK-6PK-1.2	558.8H x 61W x 71.1D
S505-HEATSK-1.5	76.2H x 120.7W x 66.8D
S505-HEATSK-1.0	139.7H x 120.7W x 66.8D
COVR-SAFETY-000	Safety Cover
THERMAL-PAD-005	5 Pack
THERMAL-PAD-025	25 Pack