

# SINGLE PHASE SOLID STATE RELAYS

## celpac<sup>®</sup> 2G

### The 22,5mm pitch SSR solution

Our SA range has a connection on the power side and the control side by screws. Our parts include a transparent protective cover and some models are "ready to use" with integrated heatsinks (SAL and SAM versions).



**SA range** with screw connection on inputs

## SA

→ For mounting on your heatsink or panel mount

**SA8** : designed for most types of loads / integrated VDR protection  
**SA9** : designed for resistive loads AC-51

Product reference	Thyristor rating	Switching voltage	Peak voltage	Switching current	I <sup>2</sup> t
<b>SA842070</b>	25A	12-275VAC	600V	3-32VDC	600A <sup>2</sup> s
<b>SA941460</b>	12A	12-280VAC	600V	3-32VDC	128A <sup>2</sup> s
<b>SA942460</b>	25A	12-280VAC	600V	3-32VDC	450A <sup>2</sup> s
<b>SA963460</b>	35A	24-600VAC	1200V	3.5-32VDC	882A <sup>2</sup> s
<b>SA965460</b>	50A	24-600VAC	1200V	3.5-32VDC	1 680A <sup>2</sup> s

These products should be mounted on heatsinks in order to reach nominal current.



• Dim. 22.5 x 90 x 42 mm

## SAL/SAM

→ "Ready to use" on heatsink

**SAx9** : designed for resistive loads AC-51



• Dim. 22.5 x 90 x 112 mm

• Dim. 45 x 90 x 112 mm

Product reference	Thyristor rating	Max. switching current at 25°C	Switching voltage	Peak voltage	Switching current	I <sup>2</sup> t	Regulated control current	Specifications
<b>SAL941460</b>	12A	12A	12-280VAC	600V	3-32VDC	128A <sup>2</sup> s	no	with simplified input
<b>SAL942460</b>	25A	23A	12-280VAC	600V	3-32VDC	450A <sup>2</sup> s	no	with simplified input
<b>SAL961360</b>	15A	15A	24-600VAC	1200V	6-32VDC	882A <sup>2</sup> s	yes	Control current <10mA
<b>SAL962360</b>	25A	23A	24-600VAC	1200V	6-32VDC	882A <sup>2</sup> s	yes	Control current <10mA
<b>SAL963460</b>	35A	30A	24-600VAC	1200V	3.5-32VDC	882A <sup>2</sup> s	non	with simplified input
<b>SAL965460</b>	50A	32A	24-600VAC	1200V	3.5-32VDC	1 680A <sup>2</sup> s	non	with simplified input
<b>SAM943460</b>	35A	32A	12-280VAC	600V	3-32VDC	882A <sup>2</sup> s	non	with simplified input
<b>SAM963360</b>	35A	32A	24-600VAC	1200V	6-32VDC	882A <sup>2</sup> s	yes	Control current <10mA
<b>SAM965360</b>	50A	45A	24-600VAC	1200V	6-32VDC	1 680A <sup>2</sup> s	yes	Control current <10mA