

## POWER SSRs with diagnostics

Status of the SSR and the load without external power supply. This range is patented. Status output can be chained.

Fault condition alarms:

- Line or load open
- Short circuit output

Diagnostic description :

Control	Control LED	Mains	Load	SSR	Status LED	Output status
0	○	Yes	OK	OK	●	closed
1	●	Yes	OK	OK	●	closed
0	○	No	OK	OK	○	open
1	●	No	OK	OK	○	open
0	○	Yes	---	OK	○	open
0	○	Yes	OK	short-circuit	○	open
1	●	Yes	---	OK	○	open
1	●	Yes	Ok	short-circuit	○	open



SILD

PRODUCT REFERENCE	Switching Current	Switching Voltage	Peak Voltage	Control Voltage	Current Control	I <sup>2</sup> t	Dimensions mm
SILD845160	32A	70-280VAC	600V	3-32VDC	I <sub>c</sub> <10mA	1500A <sup>2</sup> s	22,5 x 80 x 116
SILD865170	32A	150-510VAC	1200V	3,5-32VDC	I <sub>c</sub> <10mA	1500A <sup>2</sup> s	
SILD867170	35A	150-510VAC	1200V	3,5-32VDC	I <sub>c</sub> <10mA	5000A <sup>2</sup> s	



SOD

PRODUCT REFERENCE	Switching Current	Switching Voltage	Peak Voltage	Control Voltage	Input R	I <sup>2</sup> t	Dimensions mm
SOD843180	35A	70-275VAC	600V	4-30VDC	1 kΩ	1250A <sup>2</sup> s	45 x58,5 x 33,6
SOD845180	50A	70-275VAC	600V	4-30VDC	1 kΩ	2500A <sup>2</sup> s	
SOD865180	50A	150-510VAC	1200V	5-30VDC	1 kΩ	2500A <sup>2</sup> s	
SOD867180	75A	150-510VAC	1200V	5-30VDC	1 kΩ	7200A <sup>2</sup> s	

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

## SCP Range - Transformer starting

The SCP relays are designed for the start-up of transformer primary circuits and all saturated inductance coil loads preventing magnetising current peaks (application note on request)



PRODUCT REFERENCE	Switching Current	Switching Voltage	Peak Voltage	Control Voltage	Input R	I <sup>2</sup> t	Specifications	Dimensions mm
SCP49110	40A*	180-280VAC	600V	4-30VDC	1 kΩ	610A <sup>2</sup> s	Peak starting	44,5x58,2x27
SCP69110	40A*	300-480VAC	1200V	4-30VDC	1 kΩ	610A <sup>2</sup> s		

\*See application note on the data sheet.

These products can be procured with high rating current on request.

For the start-up of three phase transformers, use our new range of SOFTSTARTERS SMCW : (see page 13) or our SVTA / SWTA range (see page 17).

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