

# Two phase relays

## SCB Range

This two phase range provides two solid state relays in a compact standard 45 mm enclosure. They are perfectly adapted to three phase applications with breaking of two phases only.



All our SCB products are now available with LED

PRODUCT REFERENCE	Switching current	Switching voltage	Peak voltage	Control voltage	Input R	I <sub>t</sub>	Specifications	Dimensions mm	Fig n°
SCB345100	2x50A	12-280VAC	600V	4-30VDC	1 kΩ	1500A <sup>2</sup> s	random / 2 controls	44,8 x 58,5 x 27	1
SCB564310	2x40A	24-510VAC	1200V	5-30VDC	1 kΩ	610A <sup>2</sup> s	zero-cross / 2 controls		3
SCB865300	2x50A	24-600VAC	1200V	10-30VDC	1400 Ω	1500A <sup>2</sup> s	zero-cross / 1 control		4
SCB865600	2x50A	24-600VAC	1200V	10-30VDC	1800 Ω	1500A <sup>2</sup> s	zero-cross / 2 controls		5
SCB665300	2x50A	24-600VAC	1200V	8-35VDC	1800 Ω	1500A <sup>2</sup> s	zero-cross / 1 control		2
SCB765200	2x50A	24-600VAC	1200V	5-30VDC	1 kΩ	1500A <sup>2</sup> s	random / 2 controls		5
SCB867300	2x75A	24-600VAC	1200V	10-30VDC	1400 Ω	5000A <sup>2</sup> s	zero-cross / 1 control		4
SCB867600	2x75A	24-600VAC	1200V	10-30VDC	1800 Ω	5000A <sup>2</sup> s	zero-cross / 2 controls		5
SCB941300	2x12A	12-280VAC	600V	8-30VDC	1000 Ω	72A <sup>2</sup> s	zero-cross / 1 control		4
SCB941600	2x12A	12-280VAC	600V	8-30VDC	1 kΩ	72A <sup>2</sup> s	zero-cross / 2 controls		5
SCB942600	2x25A	12-280VAC	600V	8-30VDC	1 kΩ	288A <sup>2</sup> s	zero-cross / 2 controls		5
SCB962600	2x25A	24-600VAC	1200V	8-30VDC	1 kΩ	265A <sup>2</sup> s	zero-cross / 2 controls		5
SCB965300	2x50A	24-600VAC	1200V	8-30VDC	1 kΩ	1500A <sup>2</sup> s	zero-cross / 1 control		4
SCB965600	2x50A	24-600VAC	1200V	8-30VDC	1 kΩ	1500A <sup>2</sup> s	zero-cross / 2 controls		4

Protection Cover : see accessories (1K470000).

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



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## Dual okpac® Range

New 2 phase relays in okpac® IP20 housing. Removable connector for control allowing many wiring possibilities eg. FASTONS, springs, screw and so on (please consult us).

PRODUCT REFERENCE	Switching current	Switching voltage	Peak voltage	Control voltage	Input R	I <sub>t</sub>	Specifications	Dimensions mm	Fig n°
SOB542460	2x25A	12-280VAC	600V	3-32DC	I <sub>c</sub> <13mA	600A <sup>2</sup> s	zero-cross	45 x 58,5 x 27	1
SOB942660	2x25A	24-280VAC	600V	10-30DC	1200 Ω	600A <sup>2</sup> s	zero-cross		1
SOB963660	2x35A	24-600VAC	1200V	10-30DC	1200 Ω	1250A <sup>2</sup> s	zero-cross		2
SOB965660	2x50A	24-600VAC	1200V	10-30DC	1200 Ω	2500A <sup>2</sup> s	zero-cross		2
SOB865660	2x50A	24-600VAC	1200V	8-30DC	1200 Ω	2500A <sup>2</sup> s	zero cross / all loads		2
SOB765660	2x50A	24-600VAC	1200V	8-30DC	1200 Ω	2500A <sup>2</sup> s	random / all loads		2

On request : 1600V peak version, 75A version, overvoltage protection option available.

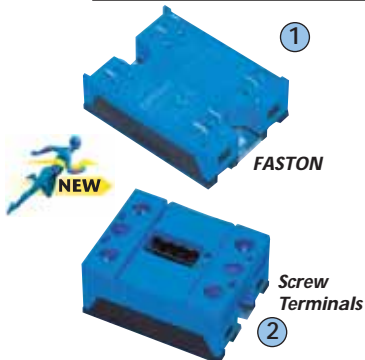
## celpac® Range

They are perfectly adapted to three phase applications with breaking of two phases only.

PRODUCT REFERENCE	Switching current	Switching voltage	Peak voltage	Control voltage	Input R	I <sub>t</sub>	Specifications	Dimensions mm
SIB865170	2x22A	24-510VAC	1200V	3,5-32VDC	I <sub>c</sub> <10mA	1500A <sup>2</sup> s	zero-cross	45 x 80 x 116
SIB865970	2x22A	24-510VAC	1200V	150-240VAC/DC	I <sub>c</sub> <10mA	1500A <sup>2</sup> s	zero-cross	
SIB765170	2x22A	24-510VAC	1200V	3,5-32VDC	I <sub>c</sub> <10mA	1500A <sup>2</sup> s	random	
SIB867170	2x25A	24-510VAC	1200V	3,5-32VDC	I <sub>c</sub> <10mA	5000A <sup>2</sup> s	zero-cross	



Two phase SIB 45 mm



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FASTON

Screw Terminals

2