

Two phase relays

Our 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.

SOB range – Dual okpac®

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).

SOB5 : power and control connections by FASTON terminals

SOB6 : double input with connector CE100F ITWPANCON type or similar

SOB7 : random

SOB8 : zero-cross – designed for most types of loads

SOB9 : zero-cross – resistive loads AC-51.

Connectors to be ordered separately



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Product reference	Switching current	Switching voltage	Peak voltage	Control voltage	Input R	I _{ft}	Specifications	Dimensions mm	Fig n°
SOB542460	2x25A	12-280VAC	600V	3-32VDC	I _c < 13mA	600A ² s	zero-cross / 2 controls	45x58,5x27	1
SOB665300	2x50A	24-600VAC	1200V	10-30VDC	1200 Ω	1680A ² s	zero-cross / 2 controls		3
SOB763670	2x35A	24-510VAC	1200V	8-30VDC	1200 Ω	1250A ² s	random / 2 controls		2
SOB765670	2x50A	24-510VAC	1200V	8-30VDC	1200 Ω	2500A ² s	random / 2 controls		2
SOB767670	2x75A	24-510VAC	1200V	8-30VDC	1200 Ω	7200A ² s	random / 2 controls		2
SOB865660	2x50A	24-600VAC	1200V	8-30VDC	1200 Ω	2500A ² s	zero-cross / 2 controls		2
SOB942360	2x25A	24-280VAC	600V	10-30VDC	1200 Ω	600A ² s	zero-cross / 1 control		2
SOB942660	2x25A	24-280VAC	600V	10-30VDC	1200 Ω	600A ² s	zero-cross / 2 controls		2
SOB963660	2x35A	24-600VAC	1200V	10-30VDC	1200 Ω	1250A ² s	zero-cross / 2 controls		2
SOB965660	2x50A	24-600VAC	1200V	10-30VDC	1200 Ω	2500A ² s	zero-cross / 2 controls		2
SOB967660	2x75A	24-600VAC	1200V	10-30VDC	1200 Ω	7200A ² s	zero-cross / 2 controls		2

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

For SOB6 range : other rating on request, TVS (Transient Voltage Suppression) protection possible.

SCB range



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Product reference	Switching current	Switching voltage	Peak voltage	Control voltage	Input R	I _{ft}	Specifications	Dimensions mm	Fig n°
SCB564310	2x40A	24-510VAC	1200V	5-30VDC	1 kΩ	610A ² s	zero-cross / 2 controls	44,8x58,5x27	1
SCB665300	2x50A	24-600VAC	1200V	8-35VDC	1800 Ω	1500A ² s	zero-cross / 1 control		2
SCB865300	2x50A	24-600VAC	1200V	10-30VDC	1400 Ω	1500A ² s	zero-cross / 1 control		2
SCB865600	2x50A	24-600VAC	1200V	10-30VDC	1800 Ω	1500A ² s	zero-cross / 2 controls		3
SCB941300	2x12A	12-280VAC	600V	8-30VDC	1 kΩ	72A ² s	zero-cross / 1 control		2
SCB942600	2x25A	12-280VAC	600V	8-30VDC	1 kΩ	288A ² s	zero-cross / 2 controls		3
SCB962600	2x25A	24-600VAC	1200V	8-30VDC	1 kΩ	265A ² s	zero-cross / 2 controls		3
SCB965600	2x50A	24-600VAC	1200V	8-30VDC	1 kΩ	1500A ² s	zero-cross / 2 controls		3

Protection cover : see accessories (1K470000).

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