TWO PHASE SOLID STATE RELAYS

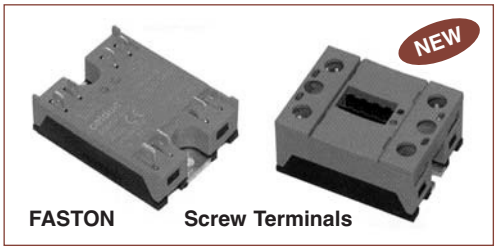
SCB Range

This two phase range provides two solid 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	I²t	Specifications	Dimensions mm	Fig n°
SCB345100	2x50A	12-280VAC	600V	4-30VDC	1kΩ	1500A²s	random / 2 controls	44,8 x 58,5 x 27	1
SCB564130	2x40A	24-510VAC	1200V	5-30VDC	1kΩ	610A²s	zero-cross / 2 controls		3
SCB865300	2x50A	24-600VAC	1200V	10-30VDC	1400kΩ	1500A²s	zero-cross / 1 control		4
SCB865600	2x50A	24-600VAC	1200V	10-30VDC	1800kΩ	1500A²s	zero-cross / 2 controls		5
SCB665300	2x50A	24-600VAC	1200V	8-35VDC	1800kΩ	1500A²s	zero-cross / 1 control		2
SCB765200	2x50A	24-600VAC	1200V	5-30VDC	1kΩ	1500A²s	random / 2 controls		5
SCB867300	2x75A	24-600VAC	1200V	10-30VDC	1400kΩ	5000A²s	zero-cross / 1 control		4
SCB867600	2x75A	24-600VAC	1200V	10-30VDC	1800kΩ	5000A²s	zero-cross / 2 controls		5
SCB941300	2x12A	12-280VAC	600V	8-30VDC	1000kΩ	72A²s	zero-cross / 1 control		4
SCB941600	2x12A	12-280VAC	600V	8-30VDC	1kΩ	72A²s	zero-cross / 2 controls		5
SCB942600	2x25A	12-280VAC	600V	8-30VDC	1kΩ	288A²s	zero-cross / 2 controls		5
SCB962600	2x25A	24-600VAC	1200V	8-30VDC	1kΩ	265A²s	zero-cross / 2 controls		5
SCB965300	2x50A	24-600VAC	1200V	8-30VDC	1kΩ	1500A²s	zero-cross / 1 control		4
SCB965600	2x50A	24-600VAC	1200V	8-30VDC	1kΩ	1500A²s	zero-cross / 2 controls		4

Protection Cover : see accessories (1K470000).
These products should be mounted on heatsink in order to reach nominal current.

Dual okpac® Range



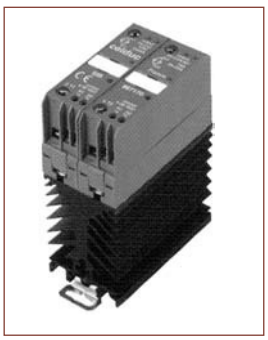
New 2 phase relays in okpac® IP20 housing. Removable connector for control allowing many wiring possibilities e.g FASTONS, springs, screw and so on (please consult us).

Product Reference	Switching Current	Switching Voltage	Peak Voltage	Control Voltage	Input R	I²t	Specifications	Dimensions mm	Fig n°
SOB542460	2x25A	12-280VAC	600V	3-32DC	Ic<13mA	600A²s	zero-cross	45 x 58.5 x 27	1
SOB942660	2x25A	24-280VAC	600V	10-30DC	1200kΩ	600A²s	zero-cross		1
SOB963660	2x35A	24-600VAC	1200V	10-30DC	1200kΩ	1250A²s	zero-cross		2
SOB965660	2x50A	24-600VAC	1200V	10-30DC	1200kΩ	2500A²s	zero-cross		2
SOB865660	2x50A	24-600VAC	1200V	8-30DC	1200kΩ	2500A²s	zero cross / all loads		2
SOB765660	2x50A	24-600VAC	1200V	8-30DC	1200kΩ	2500A²s	random / all loads		2

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

TWO PHASE SOLID STATE RELAYS

celpac® Range - Two Phase SIB 45mm



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	I²t	Specifications	Dimensions mm
SIB865170	2x22A	24-510VAC	1200V	3,5-32VDC	Ic<10mA	1500A²s	zero-cross	45 x 80 x 116
SIB865970	2x22A	24-510VAC	1200V	150-240 VAC/DC	Ic<10mA	1500A²s	zero-cross	
SIB765170	2x22A	24-510VAC	1200V	3,5-32VDC	Ic<10mA	1500A²s	random	
SIB867170	2x25A	24-510VAC	1200V	3,5-32VDC	Ic<10mA	5000A²s	zero-cross	

THREE PHASE SOLID STATE RELAYS

SCT Range

Three phase solid state relays a single phase relay enclosure.

Product Reference	Switching Current	Switching Voltage	Peak Voltage	Control Voltage	Input R	I²t	Specifications	Dimensions mm
SCT32110	3x10A	12-440VAC	800V	4-30VDC	330Ω	72A²s	zero-cross	44,8 x 58 x 27
SCT62110	3x10A	12-440VAC	800V	4-30VDC	330Ω	72A²s	zero-cross	

These products also come with PCB terminals.
These product should be mounted with heatsink in order to reach nominal current.

SGT Range

Standard three phase range to control resistive loads (AC-51) or for motor control (AC-53). These relays have LED.

Product Reference	Switching Current	Switching Voltage	Peak Voltage	Control Voltage	Input R	I²t	Specifications	Dimensions mm
SGT962360	3x25A	24-600VAC	1200V	8,5-30VDC	620Ω	265A²s	zero-cross optimised for resistive loads	100 x 73.5 x 39.5
SGT965360	3x50A	24-600VAC	1200V	8,5-30VDC	620Ω	1500A²s		
SGT967360	3x75A	24-600VAC	1200V	8,5-30VDC	620Ω	5000A²s		
SGT965960	3x50A	24-600VAC	1200V	90-240VAC	21Ω	1500A²s		
SGT965960E*	3x50A	24-600VAC	1200V	90-240VAC	21Ω	1500A²s		
SGT965360E*	3x50A	24-600VAC	1200V	90-240VAC	620Ω	1500A²s		

* : 40mm Available in 47.6 mm (E suffix)
These product should be mounted with heatsink in order to reach nominal current.

SG9 - SW9 - Reversing Switches

This relay is used to reverse the rotational direction of a motor.
The SW9 series is ready to use with heatsink and DIN rail mounting integrated.
They all come with LED and protection against simultaneous controls.

1 **To be mounted on heatsink**

2 **Ready to use**

3

4 **= 2 without DIN rail**

Product Reference	Switching Current AC-53	Switching Voltage	Control Voltage	I²t	Protec.	Specifications	Dimensions mm	Fig n°
SG969100	3x6.6A	24-520VAC	10-30VDC	612A²s	reversing + time delay	3 phase switching	100 x 73.5 x 39.5	1
SG969300	3x8.5A	24-520VAC	12-30VDC	1500A²s		2 phase switching	100 x 73.5 x 39.5	1
SV969300	3x8.5A	24-520VAC	12-30VDC	1500A²s		2 phase switching IP20 enclosure	100 x 76 x 56.5	4
SV969500	3x16A	24-550VAC	12-30VDC	5000A²s		2 phase switching IP20 enclosure	100 x 76 x 56.5	4
SW960330	3x4.5A	24-550VAC	12-30VDC	1500A²s		2 phase switching	100 x 76 x 72	2
SW961230	3x8.5A	24-520VAC	12-30VDC	1500A²s		2 phase switching	83 x 90 x 155	3

Standard Entrax : 40mm. Avalable in 47.6mm (E suffix) : please contract us