

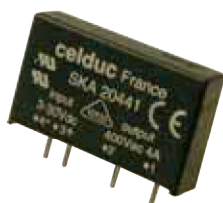
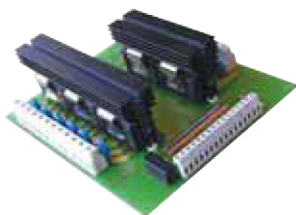
## SK Range

The SK range for PCB mounting is available in different models :

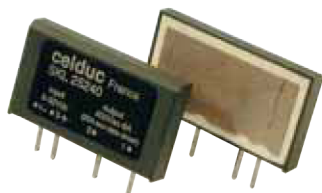
-> SKA/SKB (AC output) or SKD (DC output)  
SKA up to 6A 230 or 400VAC with built-in voltage protection, ideal for solenoid or motor control  
SKB up to 4A 230 or 400VAC for resistive loads

-> SKL for AC output with a ceramic substrate that can be mounted on a heatsink (see picture). The SKL range is ranging from 16A to 75A.

For the power element, our SKL use TMS2 technology (see the Power relay section introduction) reducing thermal stress and considerably improving life expectancy. Ideal for motor control (I<sub>2t</sub> up to 5000 A<sup>2</sup>s) with high inrush current as well as heating application. Easy to protect against short circuit with micro circuit breakers.



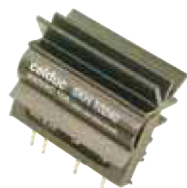
PRODUCT REFERENCE	Current	Switching Voltage	Control Voltage	Input R	LED	I <sub>t</sub>	Protec.	Specifications	Dimensions mm
SK541100	2,5A	12-280VAC	3-30VDC	1 kΩ	no	50A <sup>2</sup> s	RC	AC zero-cross output	43,2 x 10,2 x 25,4
SK541101	2,5A	24-280VAC	3-30VDC	1 kΩ	no	50A <sup>2</sup> s	----	AC zero-cross output/NC	
SKA10420	4A	12-275VAC	2,5-10VDC	330 Ω	no	50A <sup>2</sup> s	VDR	AC zero-cross output	
SKA10440	4A	12-460VAC	2,5-10VDC	330 Ω	no	50A <sup>2</sup> s	VDR	AC zero-cross output	
SKA11440	4A	12-460VAC	3-10VDC	220 Ω	yes	50A <sup>2</sup> s	VDR	AC random output	
SKA20420	4A	12-275VAC	4-30VDC	1 kΩ	no	50A <sup>2</sup> s	VDR	AC zero-cross output	
SKA20421	4A	12-275VAC	4-30VDC	1 kΩ	no	50A <sup>2</sup> s	VDR	AC random output	
SKA20440	4A	12-460VAC	4-30VDC	1 kΩ	no	50A <sup>2</sup> s	VDR	AC zero-cross output	
SKA20441	4A	12-460VAC	4-30VDC	1 kΩ	no	50A <sup>2</sup> s	VDR	AC random output	
SKA20460	4A	24-600VAC	5-30VDC	1 kΩ	no	72A <sup>2</sup> s	---	AC zero-cross output	
SKA21440	4A	12-460VAC	7-30VDC	750 Ω	yes	50A <sup>2</sup> s	VDR	AC zero-cross output	
SKA21441	4A	12-460VAC	7-30VDC	750 Ω	yes	50A <sup>2</sup> s	VDR	AC random output	
SKB10420	4A	12-280VAC	3-10VDC	330 Ω	no	50A <sup>2</sup> s	----	AC zero-cross output	
SKB10440	4A	24-600VAC	3,7-10VDC	270 Ω	no	72A <sup>2</sup> s	----	AC zero-cross output	
SKB20420	4A	12-280VAC	8-30VDC	1200 Ω	no	50A <sup>2</sup> s	----	AC zero-cross output	
SKB20440	4A	24-600VAC	9-30VDC	1200 Ω	no	72A <sup>2</sup> s	----	AC zero-cross output	



PRODUCT REFERENCE	Max current with WF032000	Thyristor rating	Switching Voltage	Control Voltage	Input R	I <sub>t</sub>	Dimensions mm
SKL10120	16A	16A	12-280VAC	4-14VDC	440 Ω	128A <sup>2</sup> s	43,4 x 6,3 x 24,5
SKL10220	21A	25A	12-280VAC	4-14VDC	440 Ω	312A <sup>2</sup> s	
SKL10240	22A	25A	24-600VAC	4-14VDC	440 Ω	450A <sup>2</sup> s	
SKL10540	27A	50A	24-600VAC	4-14VDC	440 Ω	1800A <sup>2</sup> s	
SKL20120	16A	16A	12-280VAC	8-32VDC	1640 Ω	128A <sup>2</sup> s	
SKL20220	21A	25A	12-280VAC	8-32VDC	1640 Ω	312A <sup>2</sup> s	
SKL20240	22A	25A	24-600VAC	8-32VDC	1640 Ω	450A <sup>2</sup> s	

Random models on request.

5000A<sup>2</sup>s models on request.



PRODUCT REFERENCE	Output Current	Output current with ventilation	Switching Voltage	Control Voltage	Input R	I <sub>t</sub>	Dimensions mm
SKH10120	10A@20°C	16A	12-280VAC	4-14VDC	440 Ω	128A <sup>2</sup> s	43,6 x 22 x 35,7
SKH10240	10A@25°C	25A	24-600VAC	4-14VDC	440 Ω	450A <sup>2</sup> s	
SKH20120	10A@20°C	16A	12-280VAC	8-32VDC	1640 Ω	128A <sup>2</sup> s	
SKH20240	10A@25°C	25A	24-600VAC	8-32VDC	1640 Ω	450A <sup>2</sup> s	

Other reference available : please contact us.

### ACCESSORIES FOR SKL :

WF032000	Heatsinks for SKL L=150mm 2,6-3 K/W	1L941000	Clip for SKL on WF03/04
WF042000	Heatsinks for SKL L=100mm 3,6-3 K/W	1L942000	Clip for SKL with screw for other heatsinks

## SN8 Range

Ultra miniature package for achieving optimum size / performance goal.

-> This relay is designed for PCB board and heatsink to control heavy loads in an ultra-miniature, physically compact package.



PRODUCT REFERENCE	Switching Current	Switching Voltage	Control Voltage	Input R	I <sub>t</sub>	Dimensions mm
SN842500	25A	24-280VAC	15-32VDC	2200 Ω	260A <sup>2</sup> s	35,05x12,70x28,32

Other reference available : please contact us.

## SHT Range

Three phase solid state relay in a single low profile package.

-> This relay is designed for PCB board to provide control of medium power in three phase applications.



PRODUCT REFERENCE	Switching Current	Switching Voltage	Control Voltage	Input R	I <sub>t</sub>	Dimensions mm
SHT842100	3x25A	24-280VAC	3,5-10VDC	250 Ω	260A <sup>2</sup> s	81,28x8,26x27,69
SHT842300	3x25A	24-280VAC	10-30VDC	950 Ω	260A <sup>2</sup> s	81,28x8,26x27,69

Other reference available : please contact us.