

SC8 RANGE

The SC8 range with zero-cross switching, integrating an RC protection network, is recommended for all types of applications. The SC8xxxx products with 1600V peak are especially designed for capacity control : power factor corrector.



Protective cover and heatsinks : see accessories

PRODUCT REFERENCE	Switching current*	Switching voltage	Peak voltage	Control voltage	Input R	I _t	Dimensions mm
SC841110	12A	12-280VAC	600V	4-30VDC	1 kΩ	72A ² s	44,5x58,2x27
SC841810	12A	12-280VAC	600V	17-80VAC/DC	3 kΩ	72A ² s	
SC841910	12A	12-280VAC	600V	90-280VAC	30 kΩ	72A ² s	
SC842110	25A	12-280VAC	600V	4-30VDC	1 kΩ	288A ² s	
SC842810	25A	12-280VAC	600V	17-80VAC/DC	3 kΩ	288A ² s	
SC842910	25A	12-280VAC	600V	90-240VAC	30 kΩ	288A ² s	
SC844110	40A	12-280VAC	600V	4-30VDC	1 kΩ	612A ² s	
SC844810	40A	12-280VAC	600V	17-80VAC/DC	3 kΩ	612A ² s	
SC844910	40A	12-280VAC	600V	90-240VAC	30 kΩ	612A ² s	
SC861110	12A	24-520VAC	1200V	5-30VDC	1 kΩ	72A ² s	
SC861810	12A	24-520VAC	1200V	17-80VAC/DC	3 kΩ	72A ² s	
SC861910	12A	24-520VAC	1200V	90-240VAC	30 kΩ	72A ² s	
SC862110	25A	24-520VAC	1200V	5-30VDC	1 kΩ	265A ² s	
SC862810	25A	24-520VAC	1200V	17-80VAC/DC	3 kΩ	265A ² s	
SC862910	25A	24-520VAC	1200V	90-240VAC	30 kΩ	265A ² s	
SC864110	50A	24-520VAC	1200V	5-30VDC	1 kΩ	1500A ² s	
SC864810	50A	24-520VAC	1200V	17-80VAC/DC	3 kΩ	1500A ² s	
SC864910	50A	24-520VAC	1200V	90-240VAC	30 kΩ	1500A ² s	
SC867110	75A	24-520VAC	1200V	5-30VDC	1 kΩ	5000A ² s	
SC867910	75A	24-520VAC	1200V	90-240VAC	30 kΩ	5000A ² s	
SC868110	95A	24-520VAC	1200V	5-30VDC	1 kΩ	11000A ² s	
SC868910	95A	24-520VAC	1200V	90-240VAC	30 kΩ	11000A ² s	
SC869110	125A	24-520VAC	1200V	5-30VDC	1 kΩ	20000A ² s	
SC869810	125A	24-520VAC	1200V	17-80VAC/DC	3 kΩ	20000A ² s	
SC869910	125A	24-520VAC	1200V	90-240VAC	30 kΩ	20000A ² s	
SC885100	50A	24-660VAC	1600V	7-30VDC	1 kΩ	1500A ² s	
SC887100	75A	24-660VAC	1600V	7-30VDC	1 kΩ	5000A ² s	
SC888100	95A	24-660VAC	1600V	7-30VDC	1 kΩ	11000A ² s	
SC889100	125A	24-660VAC	1600V	7-30VDC	1 kΩ	20000A ² s	

Other references (built-in VDR, LED, etc) can be made to minimum quantity.

SC9 RANGE

The SC9 series with zero-cross switching is optimized for resistive load control (heating application).



Protective cover and heatsinks : see accessories

PRODUCT REFERENCE	Switching current*	Switching voltage	Peak voltage	Control voltage	Input R	LED	I _t	Protéc.	Dimensions mm
SC941110	12A	12-280VAC	600V	4-30VDC	1 kΩ	no	72A ² s		44,5x58,2x27
SC941160	12A	12-280VAC	600V	4-30VDC	600 Ω	yes	72A ² s		
SC942110	25A	12-280VAC	600V	4-30VDC	1 kΩ	no	288A ² s		
SC942120	25A	12-280VAC	600V	4-30VDC	1 kΩ	no	288A ² s	VDR	
SC942160	25A	12-280VAC	600V	4-30VDC	600 Ω	yes	288A ² s		
SC942900	25A	12-280VAC	600V	90-240VAC	30 kΩ	no	288A ² s		
SC942920	25A	12-280VAC	600V	90-240VAC	30 kΩ	no	288A ² s	VDR	
SC944110	40A	12-280VAC	600V	4-30VDC	1 kΩ	no	612A ² s		
SC944160	40A	12-280VAC	600V	4-30VDC	600 Ω	yes	612A ² s		
SC945100	50A	12-280VAC	600V	4-30VDC	1 kΩ	no	1500A ² s		
SC945120	50A	12-280VAC	600V	4-30VDC	1 kΩ	no	1500A ² s	VDR	
SC945160	50A	12-280VAC	600V	4-30VDC	600 Ω	yes	1500A ² s		
SC945900	50A	12-280VAC	600V	90-240VAC	30 kΩ	no	1500A ² s		
SC947100	75A	12-280VAC	600V	4-30VDC	1 kΩ	no	5000A ² s		
SC947160	75A	12-280VAC	600V	4-30VDC	600 Ω	yes	5000A ² s		
SC961110	12A	24-600VAC	1200V	5-30VDC	1 kΩ	no	72A ² s		
SC961160	12A	24-600VAC	1200V	5-30VDC	600 Ω	yes	72A ² s		
SC962110	25A	24-600VAC	1200V	5-30VDC	1 kΩ	no	265A ² s		
SC962160	25A	24-600VAC	1200V	5-30VDC	600 Ω	yes	265A ² s		
SC962800	25A	24-600VAC	1200V	17-80VAC/DC	3 kΩ	no	265A ² s		
SC964110	40A	24-600VAC	1200V	5-30VDC	1 kΩ	no	612A ² s		
SC964160	40A	24-600VAC	1200V	5-30VDC	600 Ω	yes	612A ² s		
SC965100	50A	24-600VAC	1200V	5-30VDC	1 kΩ	no	1500A ² s		
SC965160	50A	24-600VAC	1200V	5-30VDC	600 Ω	yes	1500A ² s		
SC965300	50A	24-600VAC	1200V	8-32VDC	1500 Ω	no	1500A ² s		
SC967100	75A	24-600VAC	1200V	5-30VDC	1 kΩ	no	5000A ² s		
SC967160	75A	24-600VAC	1200V	5-30VDC	600 Ω	yes	5000A ² s		

All the products come in 800V peak (SC95xxxx).