

SINGLE PHASE SOLID STATE RELAYS

SOP

→ Starting transformer

NEW

The SOP relays are studied for the operation of transformer primaries and of all saturable inductive loads, avoiding the magnetising current points (application note on request).

Product reference	Thyristor rating	Switching current AC-56a	Switching voltage	Peak voltage	Control voltage	I ² t	Specifications
SOP65070	50A	9A	100-480VAC	1200V	5-32VDC	2 800A ² s	peak starting
SOP69070	125A	32A	100-480VAC	1200V	5-32VDC	20 000A ² s	

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



• Dim. 45 x 58.5 x 30 mm

SOR

→ With removable input connector

With removable input connector - Spring terminals. Designed for most types of loads.

Product reference	Thyristor rating	Switching voltage	Peak voltage	Control voltage	I ² t
SOR842074	25A	12-275VAC	600V	3-32VDC	600A ² s
SOR863070	35A	24-510VAC	1200V	3.5-32VDC	1 250A ² s
SOR865070	50A	24-510VAC	1200V	3.5-32VDC	2 800A ² s
SOR867070	75A	24-510VAC	1200V	3.5-32VDC	7 200A ² s

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



• Dim. 45 x 58.5 x 30 mm

SC

→ Previous generation

See also our okpac® range (pages 12 to 14)

Product reference	Thyristor rating	Switching voltage	Peak voltage	Control voltage	I ² t	Specifications
SC741110	12A	12-280VAC	600V	3-30VDC	72A ² s	Random
SC762110	25A	24-520VAC	1200V	4-30VDC	2 65A ² s	
SC764110	50A	24-520VAC	1200V	4-30VDC	1 500A ² s	
SC769110	125A	24-520VAC	1200V	4-30VDC	20 000A ² s	
SC841110	12A	12-280VAC	600V	4-30VDC	72A ² s	Zero-cross / most types of loads
SC841910	12A	12-280VAC	600V	90-240VAC/DC	72A ² s	
SC842110	25A	12-280VAC	600V	4-30VDC	312A ² s	
SC844110	40A	12-280VAC	600V	4-30VDC	612A ² s	
SC862110	25A	24-520VAC	1200V	5-30VDC	265A ² s	
SC864110	50A	24-520VAC	1200V	5-30VDC	1 500A ² s	
SC864810	50A	24-520VAC	1200V	17-80VAC/DC	1 500A ² s	
SC864910	50A	24-520VAC	1200V	90-240VAC/DC	1 500A ² s	
SC867110	75A	24-520VAC	1200V	5-30VDC	5 000A ² s	Zero-cross / resistive loads AC-51
SC869110	125A	24-520VAC	1200V	5-30VDC	20 000A ² s	
SC942110	25A	12-280VAC	600V	4-30VDC	312A ² s	
SC965160	50A	24-600VAC	1200V	5-30VDC	1 500A ² s	
SC967100	75A	24-600VAC	1200V	5-30VDC	5 000A ² s	

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



• Dim. 44.5 x 58.2 x 27 mm