

okpac® Solid state relays

Innovation, Performance & Design !

- > **Innovations :**
- > Screw connection up to 50mm²
- > Removable control terminals
- > Removable IP20
- > Versatile, easy and quick connections
- > Same screwdriver for outputs and inputs
- > Tightening on metal baseplate not on plastic
- > SSR, mains and load status
- > Less potting resin : environmentally friendly
- > 25 to 30% lighter than the SC range
- > **Performance :**
- > Designed for all types of loads
- > Current from 12 to 125A
- > TMS² technology 4th generation with very long life time expectancy
- > Output voltage from 24 to 690 VAC (600V-1200V-1600V peak)
- > Very low zero-cross level
- > Large and regulated AC and DC input voltage
- > Control status LED
- > Very high immunity according IEC/EN61000-4-4 (bursts) and IEC/EN61000-4-5 (spikes) : 4KV with no change of state
- > EMC compatible for industrial environment
- > UL/cUL, VDE (EN60950), IEC/EN60947-4-3, CE marking
- > Itsm up to 2000A and I_tt up to 24000A²s allowing loads with high inrush current
- > Protection against circuit breaker

S07 Range

Typical applications : Motors (AC-53), inductive loads and phase angle control applications.
Voltage protection on input (transil) and output (RC and VDR)



PRODUCT REFERENCE	Switching current	Switching voltage	Peak voltage	Control voltage	Control current	I _t	Dimensions mm
S0745090	50A	12-275VAC	600V	3-32VDC	I _c <13mA	2500A ² s	45 x 58,5 x 30
S0747090	75A	12-275VAC	600V	3-32VDC	I _c <13mA	7200A ² s	
S0763090	35A	24-510VAC	1200V	3,5-32VDC	I _c <13mA	1250A ² s	
S0765090	50A	24-510VAC	1200V	3,5-32VDC	I _c <13mA	2500A ² s	
S0767090	75A	24-510VAC	1200V	3,5-32VDC	I _c <13mA	7200A ² s	
S0768090	95A	24-510VAC	1200V	3,5-32VDC	I _c <13mA	14400A ² s	
S0769090	125A	24-510VAC	1200V	3,5-32VDC	I _c <13mA	24000A ² s	

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

S08 Range

Designed for most types of loads

- > Zero cross with low zero-cross level (<12)
- > Voltage protection on input (transil) with very high immunity according to IEC/EN61000-4-4
- > IP20 protection
- > Control current < 13mA for all the voltage range at any operating temperature
- > Control status LED



PRODUCT REFERENCE	Switching current	Switching voltage	Peak voltage	Control voltage	Control current	I _t	Dimensions mm
S0842074	25A	12-275VAC	600V	3-32VDC	I _c <13mA	600A ² s	45 x 58,5 x 30
S0842974	25A	12-275VAC	600V	20-265VAC/DC	I _c <10mA	600A ² s	
S0843070	35A	12-275VAC	600V	3-32VDC	I _c <13mA	1250A ² s	
S0843970	35A	12-275VAC	600V	20-265VAC/DC	I _c <10mA	1250A ² s	
S0845070	50A	12-275VAC	600V	3-32VDC	I _c <13mA	2500A ² s	
S0847070	75A	12-275VAC	600V	3-32VDC	I _c <13mA	7200A ² s	
S0848070	95A	12-275VAC	600V	3-32VDC	I _c <13mA	14400A ² s	
S0849070	125A	12-275VAC	600V	3-32VDC	I _c <13mA	24000A ² s	
S0863070	35A	24-510VAC	1200V	3,5-32VDC	I _c <13mA	1250A ² s	
S0863970	35A	24-510VAC	1200V	20-265VAC/DC	I _c <10mA	1250A ² s	
S0865070	50A	24-510VAC	1200V	3,5-32VDC	I _c <13mA	2500A ² s	
S0865970	50A	24-510VAC	1200V	20-265VAC/DC	I _c <10mA	2500A ² s	
S0867070	75A	24-510VAC	1200V	3,5-32VDC	I _c <13mA	7200A ² s	
S0867970	75A	24-510VAC	1200V	20-265VAC/DC	I _c <10mA	7200A ² s	
S0868070	95A	24-510VAC	1200V	3,5-32VDC	I _c <13mA	14400A ² s	
S0868970	95A	24-510VAC	1200V	20-265VAC/DC	I _c <10mA	14400A ² s	
S0869070	125A	24-510VAC	1200V	3,5-32VDC	I _c <13mA	24000A ² s	
S0869970	125A	24-510VAC	1200V	20-265VAC/DC	I _c <10mA	24000A ² s	
S0885060	50A	24-690VAC	1600V	3,5-32VDC	I _c <12mA	2500A ² s	
S0887060	75A	24-690VAC	1600V	3,5-32VDC	I _c <12mA	7200A ² s	
S0888060	95A	24-690VAC	1600V	3,5-32VDC	I _c <12mA	14400A ² s	
S0889060	125A	24-690VAC	1600V	3,5-32VDC	I _c <12mA	24000A ² s	

HIGH VOLTAGE RELAY

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