

SO8 RANGE - General Purpose Loads

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
- Dimensions 45W x 58.5H x 30D mm

*Introducing the new
SO Series*

PART NUMBER	SWITCHING		PEAK VOLTAGE	CONTROL		I _{ct}	TRADE PRICE
	CURRENT	VOLTAGE		VOLTAGE	CURRENT		
SO863970	35A	24~510 Vac	1200 V	20~265 Vac/dc	I _c <10mA	1250 A ² s	
SO865070	50A	24~510 Vac	1200 V	3.5~32 Vdc	I _c <13mA	2500 A ² s	
SO865970	50A	24~510 Vac	1200 V	20~265 Vac/dc	I _c <10mA	2500 A ² s	
SO867070	75A	24~510 Vac	1200 V	3.5~32 Vdc	I _c <13mA	7200 A ² s	
SO867970	75A	24~510 Vac	1200 V	20~265 Vac/dc	I _c <10mA	7200 A ² s	
SO868070	95A	24~510 Vac	1200 V	3.5~32 Vdc	I _c <13mA	14400 A ² s	
SO868970	95A	24~510 Vac	1200 V	20~265 Vac/dc	I _c <10mA	14400 A ² s	
SO869070	125A	24~510 Vac	1200 V	3.5~32 Vdc	I _c <13mA	24000 A ² s	
SO869970	125A	24~510 Vac	1200 V	20~265 Vac/dc	I _c <10mA	24000 A ² s	



SO8 Range

Notes: - 1600V peak voltage available on request.

- These products must be mounted on the correctly sized heatsink in order to reach nominal current.

THE REPLACEMENT 'SO' MODELS ARE BASED
ON THOSE HELD IN STOCK
Other sizes are available on request

Replacement Table for SC8 Series

GENERAL PURPOSE LOADS				
Switching Voltage: 24~510Vac Control Input: 3~32Vdc		Switching Current	Switching Voltage: 24~510Vac Control Input: 20~265Vac/dc	
New SO8	Old SC8		Old SC8	New SO8
SO865070 (50A)	SC841110 SC861110	12A	SC841810 SC841910	SO863970 (35A)
	SC862110	25A	SC842810 SC842910 SC862810 SC862910	
	SC844110	40A	SC844810 SC844910	SO865970 (50A)
	SC864110	50A	SC864810 SC864910	
SO867070	SC867110	75A	SC867910	SO867970
SO868070	SC868110	95A	SC868910	SO868970
SO869070	SC869110	125A	SC869810 SC869910	SO869970



SO8 Range

SC8 Range
(superseded)SC7 Range
(superseded)

SO7 Range

Replacement Table for SC7 & SC9 Series

INDUCTIVE LOADS		Switching Current	HEATING LOADS	
Switching Voltage: 24~510Vac Control Input: 3.5~32Vdc			Switching Voltage: 24~600Vac Control Input: 3.5~32Vdc	
New SO7	Old SC7		Old SC9	New SO9
SO763090 (35A)	SC741110	12A	SC941110	SO963460 (35A)
	SC742110 SC762110	25A	SC942110 SC952110 SC962100	
SO765090 (50A)	SC744110	40A	SC944100 SC954100	SO965460 (50A)
	SC764110	50A	SC965100	
SO768090 (95A)	SC747110 SC767110	75A	SC947100 SC957100 SC967100	SO967460 (alternative SO867070)
	SC768110	95A	-	
SO769090	SC769110	125A	-	-

SC9 Range
(superseded)

SO9 Range