

MOTOR CONTROL SOFT STARTERS

Soft Starter SMCV - SMCW

Motor control :

- Efficient reduction of torque and starting current

Incandescent or infrared lamp starting :

- Reduction of in rush current
- Increase in life expectancy

Transformer control (loaded) :

- Elimination of saturation current
- Improved control and protection

Whatever your application :

- Diagnosis of network, load and state of product
- Better balance of and less interference on starters (full control of the 3 phases!)
- Simple use facilitating implementation and adjustments
- As compact as an electronic contactor



Product Reference	Pmax Motor 400VAC		Pmax Motor 230VAC		Max. Current AC53A		Specifications	Dimensions mm	Fig n°
	Y	D	Y	D	Max.	EN60947-4-2			
SMCV6080	7.5kW	13kW	4.3kW	7.5kW	16A	11.5A	Heatsink not provided	100 x 76 x 58.5	2
SMCV6110	11kW	19kW	6.4kW	11kW	25A	15.5A			
SMCV6150	15kW	26kW	8.6kW	15kW	30A	22.5A			
SMCW6020	2.5kW	4.3kW	1.4kW	2.5kW	5.6A	4A	Supplied with built-in heatsink	83 x 110 x 74	1
SMCW6080	7.5kW	13kW	4.3kW	7.5kW	16A	11.5A		83 x 110 x 155	3
SMCW6110	11kW	19kW	6.4kW	11kW	25A	15.5A		110 x 110 x 180	4
SMCW6150	15kW	26kW	8.6kW	15kW	30A	22.5A		110 x 141 x 180	5
SMCW6151	15kW	26kW	8.6kW	15kW	30A(AC53b)	22.5A(AC53b)		Ext. bypass required	83 x 110 x 74

Common characteristics	Range of voltage and network frequency	Control	Diagnostic output	Operating Temperature	Insulation	Max section of wires
Values given at 40°C ambient	200 - 480VAC 40 - 65Hz	10 - 24VDC or contact	0 - 24V 1A AC/DC	-40 - +100°C	4kV	E=2.5mm ² S=10mm ²

The star assembly (Y) corresponds to in-line wired starter.

The delta assembly (D) corresponds to the starter wired in the triangle coupling of the motor.

Each channel is wired in series with a winding of the motor.

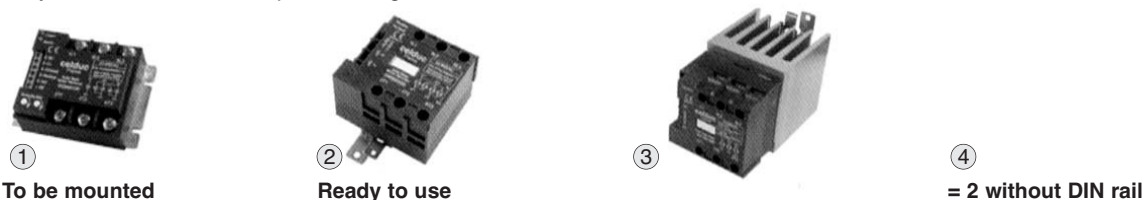
PHASE ANGLE CONTROLLERS

SG9 - SW9 - Reversing Switches

This relay is used to reverse the rotational direction of a motor.

The SW9 series is ready to use with heatsink and DIN rail mounting integrated.

They all come with LED and protection against simultaneous controls.



Product Reference	Switching Current AC-53	Switching Voltage	Control Voltage	I ² t	Protec.	Specifications	Dimensions mm	Fig n°
SG969100	3x6.6A	24-520VAC	10-30VDC	612A ² s	reversing + time delay	3 phase switching	100 x 73.5 x 39.5	1
SG969300	3x8.5A	24-520VAC	12-30VDC	1500A ² s		2 phase switching	100 x 73.5 x 39.5	1
SV969300	3x8.5A	24-520VAC	12-30VDC	1500A ² s		2 phase switching	100 x 76 x 56.5	4
						IP20 enclosure		
SV969500	3x16A	24-550VAC	12-30VDC	5000A ² s		2 phase switching	100 x 76 x 56.5	4
						IP20 enclosure		
SW960330	3x4.5A	24-550VAC	12-30VDC	1500A ² s		2 phase switching	100 x 76 x 72	2
SW961230	3x8.5A	24-520VAC	12-30VDC	1500A ² s		2 phase switching	83 x 90 x 155	3

Standard Entrax : 40mm. Available in 47.6mm (E suffix) : please contract us