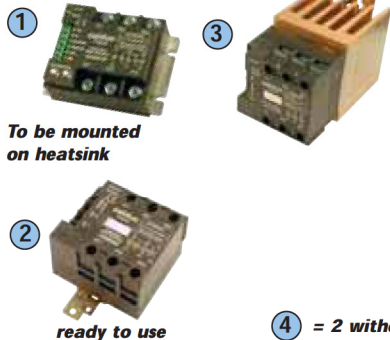


# Motor control

## SG9 - SW9 - Reversing switches

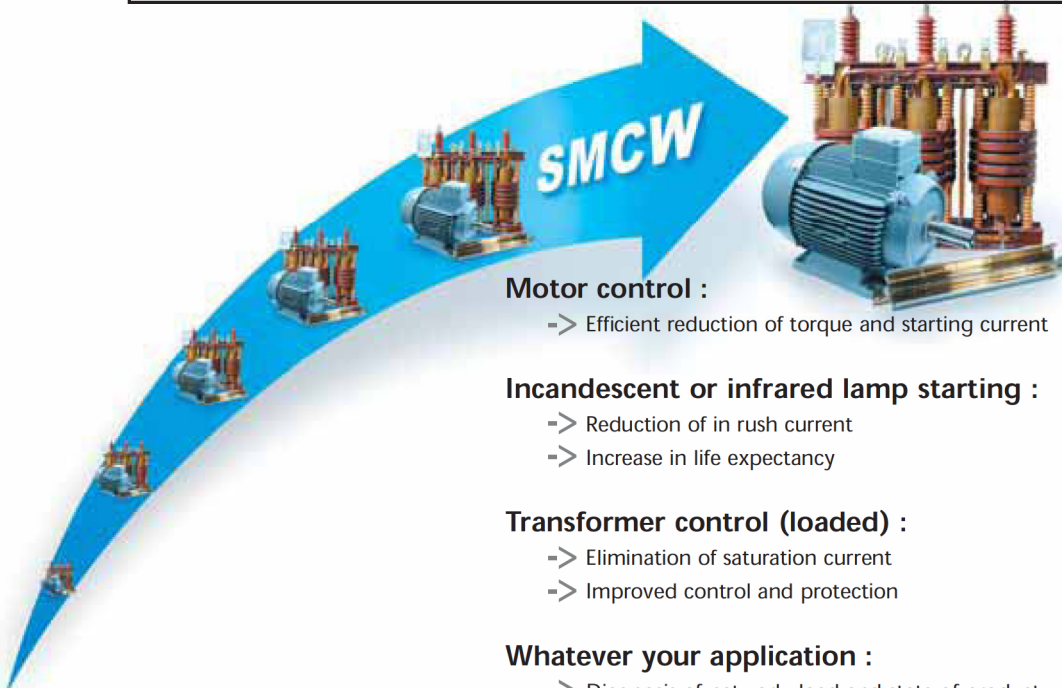


This relay is used to reverse the rotational direction of a motor. The SW9 series is ready to use with heatsink and DIN rail mounting integrated. They all come with LED and protection against simultaneous controls.

PRODUCT REFERENCE	Switching Current AC-53	Switching voltage	Control Voltage	I <sup>2</sup> t	Protec.	Specifications	Dimensions mm	Fig n°
SG969100	3x6,6A	24-520VAC	10-30VDC	612A <sup>2</sup> s	reversing + time delay	3 phase switching	100x73,5x39,5	1
SG969300	3x8,5A	24-520VAC	12-30VDC	1500A <sup>2</sup> s		2 phase switching	100x73,5x39,5	1
SV969300	3x8,5A	24-520VAC	12-30VDC	1500A <sup>2</sup> s		2 phase switching IP20 enclosure	100x76x56,5	4
SV969500	3x16A	24-550VAC	12-30VDC	5000A <sup>2</sup> s		2 phase switching IP20 enclosure	100x76x56,5	4
SW960330	3x4,5A	24-550VAC	12-30VDC	1500A <sup>2</sup> s		2 phase switching	100x76x72	2
SW961230	3x8,5A	24-520VAC	12-30VDC	1500A <sup>2</sup> s		2 phase switching	83x90x155	3

Standard Entrax : 40mm. Available in 47,6mm (E suffix) : please contact us

## 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	100x76x58,5	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	83x110x74	1
SMCW6080	7,5kW	13kW	4,3kW	7,5kW	16A	11,5A		83x110x155	3
SMCW6110	11kW	19kW	6,4kW	11kW	25A	15,5A		110x110x180	4
SMCW6150	15kW	26kW	8,6kW	15kW	30A	22,5A		110x141x180	5
SMCW6151	15kW	26kW	8,6kW	15kW	30A(AC53b)	22,5A(AC53b)	Ext. bypass required	83x110x74	1

Common characteristics	Rang 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 <sup>2</sup> S=10mm <sup>2</sup>

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.