



BCH ELECTRIC LIMITED

Soft starter - ASAC





ASACO AND ASAC1 Series Soft Starters

Range 7.5kW - 110kW

Power supply voltage range 200 - 575Vac

COMMON STANDARD FEATURES (ASACO/ASAC1)

- Compact dimensions
- Internal By-pass contactor
- 400% max allowed overload of the nominal current
- Ip20 Enclosure (<=ASAC 55kW)
- 3 Adjustments: Initial start voltage, Start ramp time, Soft stop ramp time
- 6 Indications: No control power, Starter Ready, Starter tripped, Motor not running, Motor running at full speed, Motor starting/stopping
- 3 Alarms: Power circuit, Supply frequency, Communication
- 2 digital inputs: Start, Stop
- 1 Output relay: Main contactor relay
- Local reset
- Control power supply: 110-240Vac and 380-440Vac
- Power supply: 200-440Vac 10% / 200-575Vac 10%



Full Compatibility with
teleservice software
"REMOTE DRIVE" on internet

- Remote Drive

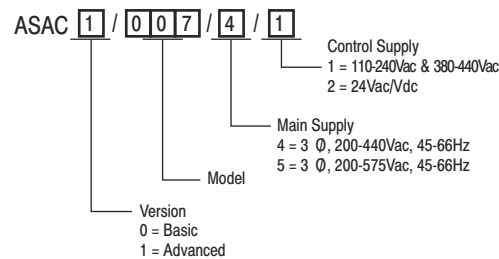
ASAC1 ADDITIONAL FEATURES

- 8 adjustments: Motor FLC, Current Ramp, Current Limit, Motor Trip Class, Soft Stop Time, Excess Start Time, Phase Sequence Protection, Auxiliary Relay Function
- 5 additional Alarms: Excess start time, Motor overload, Motor thermistor, Phase imbalance, Phase sequence
- 1 additional Digital input: Motor thermistor probe
- 1 additional Output relay: Programmable relay

OPTIONS (ASACO/ASAC1)

- 24Vac/Vdc Control Power Supply
- Extra-fast fuses
- RS485 Serial communication port with MODBUS RTU DeviceNet, Profibus, ASI protocol
- Remote control panel (RS485 doubler, one 4-20mA output)
- RS232/485 converter

Model Nomenclature:





ASAC0 AND ASAC1 SOFT STARTER RATINGS:

Soft Starter Model	Applicable Motor Power					FLC* A
	200-240Vac kW	380-415Vac kW	440Vac kW	460-500Vac kW	575Vac kW	
ASAC0/ASAC1 007	4.5	9.2	9.2	11	11	18
ASAC0/ASAC1 015	9.2	15	18.5	18.5	22	34
ASAC0/ASAC1 018	11	18.5	22	22	30	42
ASAC0/ASAC1 022	11	22	30	30	37	48
ASAC0/ASAC1 030	15	30	37	37	45	60
ASAC0/ASAC1 037	22	37	45	45	55	75
ASAC0/ASAC1 045	22	45	55	55	55	85
ASAC0/ASAC1 055	30	55	55	55	75	100
ASAC0/ASAC1 075	45	75	75	90	110	140
ASAC0/ASAC1 090	55	90	90	110	132	170
ASAC0/ASAC1 110	55	110	110	132	160	200
Soft Starter Power Supply	200-440Vac			200-575Vac		

* FLC - Full Load Current

DIMENSIONS:

Model	Dimension WxHxD (mm.)	Weight (Kg.)
ASAC 007	98x203x163	2.1
ASAC 015		
ASAC 018		
ASAC 022		
ASAC 030		
ASAC 037	145x215x191	4.3
ASAC 045		
ASAC 055		
ASAC 075	202x240x212	6.8
ASAC 090		
ASAC 110		



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Since product improvement is a continuous process, the data furnished in this brochure may undergo revision without prior notice.