

Technical features & highlights

ASAC0 is the right solution to save space and keep costs under control. Besides the features of ASAC0, the ASAC1 grants a reliable motor protection and current control.

- 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 $\pm 10\%$ / 200-575Vac $\pm 10\%$
- Input frequency: 50-60Hz $\pm 10\%$

ASAC 1 additional technical 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 (ASAC 0/ASAC 1)

- 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



Soft start/stop static starters for three-phase asynchronous motors

- Range 7.5kW - 110kW
- Power supply voltage range 200 - 575Vac
- Internal By-pass Contactor
- Input frequency 50 - 60Hz
- Full compatibility with the "REMOTE DRIVE" software for remote control



ASAC 1 / 007 / 4 / 1

Models

Control Supply
1 = 110-240Vac & 380-440Vac
2 = 24Vac/Vdc

Version
0 = Basic
1 = Advanced

Main Supply
4 = 3Ø, 200-440Vac, 45-66Hz
5 = 3Ø, 200-575Vac, 45-66Hz

Model	Applicable motor power					FLC*	Dimensions (WxHxD) mm	Weight kg
	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	98x203x163	2.1
ASAC0/ASAC1 015	9.2	15	18.5	18.5	22	34	98x203x163	2.1
ASAC0/ASAC1 018	11	18.5	22	22	30	42	98x203x163	2.1
ASAC0/ASAC1 022	11	22	30	30	37	48	98x203x163	2.1
ASAC0/ASAC1 030	15	30	37	37	45	60	98x203x163	2.1
ASAC0/ASAC1 037	22	37	45	45	55	75	145x215x191	4.3
ASAC0/ASAC1 045	22	45	55	55	55	85	145x215x191	4.3
ASAC0/ASAC1 055	30	55	55	55	75	100	145x215x191	4.3
ASAC0/ASAC1 075	45	75	75	90	110	140	202x240x212	6.8
ASAC0/ASAC1 090	55	90	90	110	132	170	202x240x212	6.8
ASAC0/ASAC1 110	55	110	110	132	160	200	202x240x212	6.8
Soft-Starter power supply	200-440Vac		200-575Vac					

* Full load current.

