

# Analog soft starter ESA 3000-A

Analog soft starters, motor protection and integrated bypass



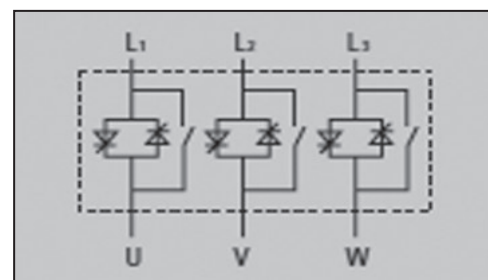
## Description

- Advantages
  - Soft start and soft stop
  - Current limit
  - Build-in motor protection
  - Build-in bypass
  - Start/stop by dry contact
  - Compact, small foot print
  - Aluminum housing
  - Integrated input voltage monitoring
- Motor and starter protection
  - Electronic overload
  - Phase loss
  - Starter over-temperature
  - SCR protection by metal oxide varistors
- Displays & LEDs
  - On – mains voltage connected
  - Ramp up/down
  - Run
  - Overload
  - Phase loss
  - Over temperature
- Auxiliary Relays
  - End of acceleration relay, N.O contact
  - Fault relay, N.O contact
  - Over temperature
- Application
  - Pumps & compressors
  - Ventilators & blowers
  - Conveyor belt drives
  - Starting in weak power networks (i.e. diesel generators)

KW at 400 V	Starter-type (A)	Dimensions (mm)			Weight (kg)
		W	H	D	
4	ESA 3000-A 8	120	232	105	2,6
7,5	ESA 3000-A 17	120	232	105	2,6
15	ESA 3000-A 31	120	232	105	2,6
22	ESA 3000-A 44	120	232	105	2,6
30	ESA 3000-A 58	129	275	185	5
37	ESA 3000-A 72	129	275	185	5
45	ESA 3000-A 85	129	380	185	8,4
55	ESA 3000-A 105	129	380	185	8,4
75	ESA 3000-A 145	172	380	195	11,8
90	ESA 3000-A 170	172	380	195	11,8

KW at 400 V	Starter-type (A)	Dimensions (mm)			Weight (kg)
		W	H	D	
7,5	ESA 3000-A2P 17	90	75	105	0,6
11	ESA 3000-A2P 22	90	75	105	0,6
15	ESA 3000-A2P 31	65	190	114	1,4
22	ESA 3000-A2P 44	65	190	114	1,4
30	ESA 3000-A2P 58	120	265	121	3,5
37	ESA 3000-A2P 72	120	265	121	3,5
45	ESA 3000-A2P 85	120	265	121	3,5
55	ESA 3000-A2P 105	120	265	121	3,5
75	ESA 3000-A2P 145	129	275	182	6,5
90	ESA 3000-A2P 170	129	275	182	6,5

### 3-phase control



### 2-phase control

