

Features:

- ▣ three-phase controlled soft starter
- ▣ easy mounting, also for retrofitting into existing plants
- ▣ terminal arrangement suitable for switchgear connection
- ▣ for snap-mounting on 35mm standard rail
- ▣ integrated bypass relay
- ▣ no mains neutral conductor (N) required
- ▣ functional peak current reduction
- ▣ degree of protection IP 20



Soft Starters
AC-MICROSTART 1,5 / 3



Function:

- ▣ soft acceleration and deceleration
- ▣ 4 separately adjustable parameters starting torque, acceleration time, soft stop torque, deceleration time
- ▣ soft start and soft stop via control contact possible

Typical Applications:

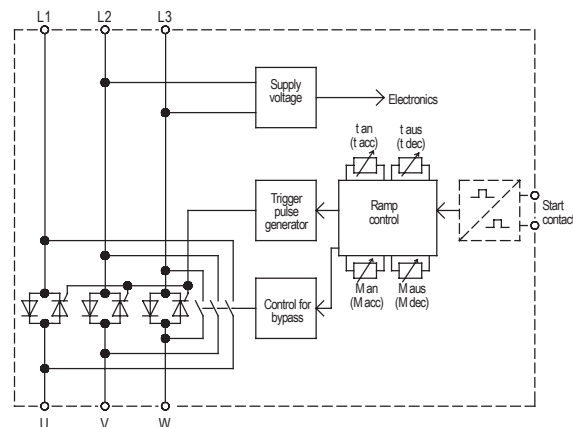
pumps, ventilators
belt drives, driving pulleys / coil winders
conveying machinery
compressors

Upon Request:

- ▣ potential-free input
-control voltage 10 ... 30VDC

Option: (upon request)

- ▣ „SST“ - pluggable

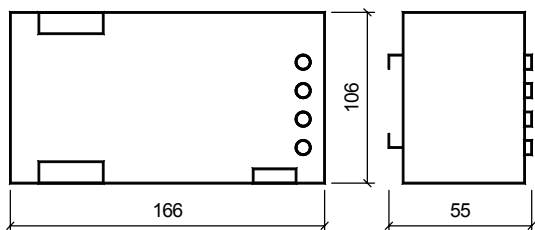


Technical Data	AC-MICROSTART	
	1,5	3
Mains / Motor voltage according to DIN EN 50160 (IEC 38)	400V ± 15% 50/60Hz	
Device nominal current	4A	6.5A
Motor rating	1,5kW	3kW
min. motor current	10% of the device rated current	
Adjustment range of starting torque	0 ... 80%	
Adjustment range of acceleration time	1 ... 15s	
Adjustment range of soft stop torque	20 ... 80%	
Adjustment range of deceleration time	0 ... 15s	
Reset time	200ms	
max. Switching cycle at 3x I _e and 10s t _{an}	120/h	60/h
max. Cross-sectional area	2,5mm ²	
I ² t-Value Power semiconductor	40A ² s	450A ² s
Ambient / Storage temperature	0°C ... 45°C / -25°C ... 75°C	
Weight / kg	0,75	0,75
Order number	21300.38001	21300.38003
Option „SST“	21304.38001	21304.38003

Please observe supplementary sheet with dimensioning rules.

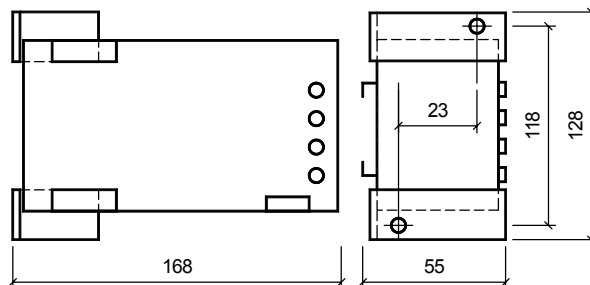
Dimensions:

AC-MICROSTART 1,5/3

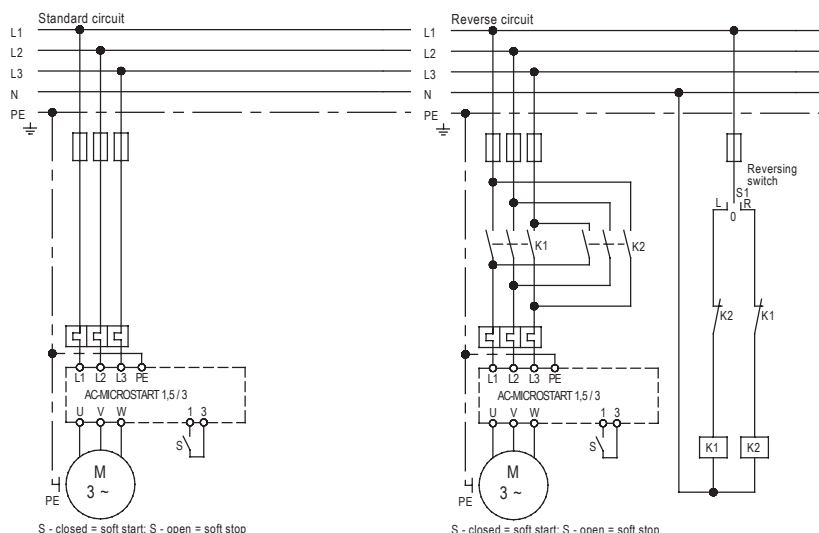


All dimensions in mm!

Option "SST"



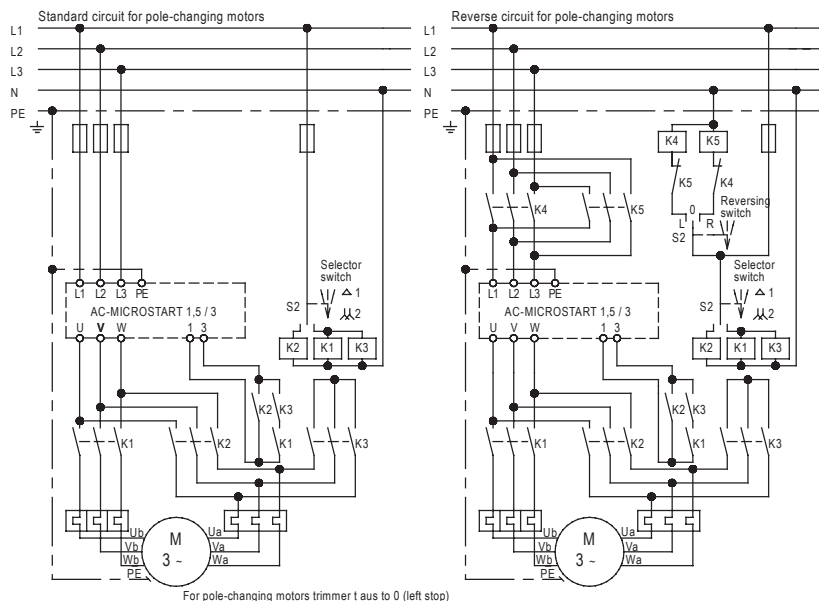
Connection Diagram:



S - closed = soft start; S - open = soft stop

S - closed = soft start; S - open = soft stop

EMC
The limit values for emitted interference according to the applicable device standards do not rule out the possibility that receivers and susceptible electronic devices within a radius of 10m are subjected to interference. If such interference, that is definitely attributable to the operation of the soft starters "AC-MICROSTART", occurs, the emitted interference can be reduced by taking appropriate measures. Such measures are, e.g.: to connect reactors (3mH) or a suitable mains filter in series before the soft starter, or to connect X-capacitors (0,15µF) in parallel to the supply voltage terminals.



For pole-changing motors trimmer t aus to 0 (left stop)

Subject to change without notice.