

Soft Starters SAS 3 ... 11 1.01

Features:

- ☑ single-phase controlled soft starter
- ☑ all devices for pole-changing motors
- ☑ dual-voltage, for 400V and 230V networks
- ☑ terminal arrangement suitable for switchgear connection
- ☑ for snap-mounting on 35mm standard rail
- ☑ integrated bypass relay
- ☑ no mains neutral conductor (N) required
- ☑ special voltages up to 640V
- ☑ also for single-phase applications
- ☑ degree of protection IP 20



Soft Starters
SAS 3 ... 11
CE

Function:

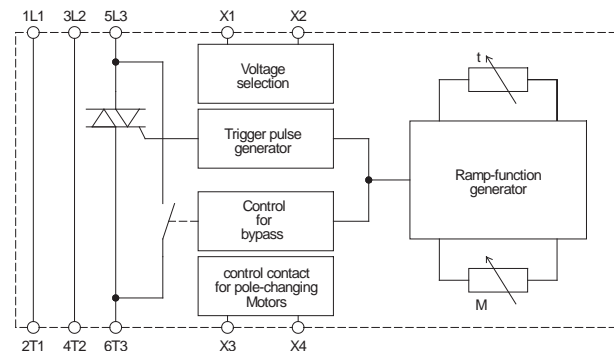
- ☑ soft start
- ☑ 2 separately adjustable parameters
starting torque, starting time
- ☑ control contact for pole-changing motors

Typical Applications:

- packaging machinery
- sliding doors
- belt drives
- conveying machinery
- door drives of passenger and goods lifts
- limitation of starting current for transformers

Upon request:

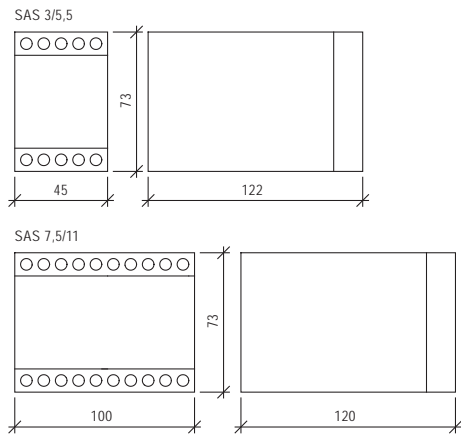
- ☑ potential-free input
control voltage 10 ... 30VDC
- ☑ SAS 3 up to SAS 11:
suitable standard up to 480V
special voltages 500V up to 640V
(all types in 100mm-housing)



Typical designation	SAS 3	SAS 5,5	SAS 7,5	SAS 11
motor rating at 230V	1,5kW	3kW	4kW	5,5kW
motor rating at 400V	3kW	5,5kW	7,5kW	11kW
mains / motor voltage X1-X2 jumpered according to DIN EN 50160 (IEC 38)	160 ... 240V ±10 %			
mains / motor voltage X1-X2 not jumpered according to DIN EN 50160 (IEC 38)	380 ... 480V ±10 %			
order number	20700.40003	20700.40005	20700.40007	20700.40011

Technical data	SAS 3	SAS 5,5	SAS 7,5	SAS 11
mains / motor voltage X1-X2 jumpered according to DIN EN 50160 (IEC 38)	160 ... 240V ± 10%			
mains / motor voltage X1-X2 not jumpered according to DIN EN 50160 (IEC 38)	380 ... 480V ± 10%			
rated device current	6,5A	12A	15A	25A
mains frequency	50/60Hz			
rated power at 230V	1,5kW	3kW	4kW	5,5kW
rated power at 400V	3kW	5,5kW	7,5kW	11kW
min. motor current	10% of device rating			
starting torque	0 ... 50%			
starting time	0,5 ... 5s			
restart time	200ms			
max. switching cycle at 3xIe and 5s t _{an}	240/h	200/h	120/h	70/h
max. cross-sectional area	2,5mm ²			
ambient / storage temperature	0°C ... 45°C / -25°C ... 75°C			
weight / kg	0,3	0,3	0,5	0,5

Dimensions:



All dimensions indicated in mm

Connection Diagram:

