

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 (SAS 3 ... SAS 11)
- ❑ degree of protection IP 00 (SAS 11PUST, 22PUST)



Soft Starters
SAS 3 ... 11
SAS 11PUST, 22PUST
CE

Function:

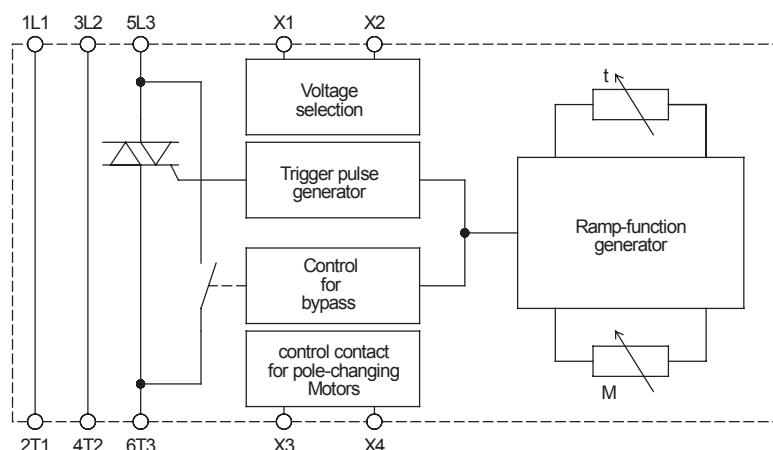
- ❑ soft start
- ❑ 2 separately adjustable parameters
starting torque, starting time
- ❑ control contact for pole-changing
motors

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:

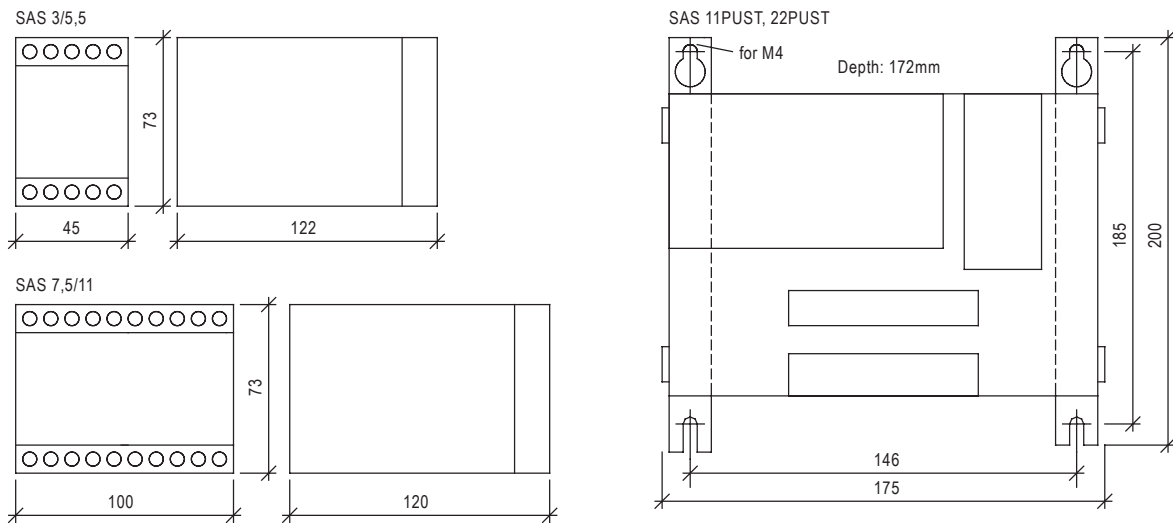
- ❑ potential-free input
control voltage 10 ... 30VDC
- ❑ SAS 3 up to SAS 11:
standard up to 480V
special voltages 500V up to 640V
(all types in 100mm-housing)
- ❑ SAS 11PUST and SAS 22PUST:
special voltages up to 690V



Technical Data	SAS					
	3	5,5	7,5	11	11PUST	22PUST
Mains / Motor voltage X1-X2 jumpered according to DIN EN 50160 (IEC 38)	160 ... 240V ± 10%				400V ±15%	
Mains / Motor voltage X1-X2 not jumpered according to DIN EN 50160 (IEC 38)	380 ... 480V ± 10%					
Device nominal current	6,5A	12A	16A	25A	25A	45A
Mains frequency	50/60Hz					
Motor rating at 230V	1,5kW	3kW	4kW	5,5kW		
Motor rating at 400V	3kW	5,5kW	7,5kW	11kW	11kW	22kW
min. motor current	10% of the device rated current					
Starting torque	0 ... 50%					
Starting time	0,5 ... 5s					
Reset time	200ms					
max. Switching cycle at 3x I _e and 5s t _{an}	240/h	200/h	120/h	70/h	240/h	120/h
max. Cross-sectional area	2,5mm²				16mm²	
I²t-Value Power semiconductor	265A²s	610A²s	800A²s	1250A²s	5000A²s	10500A²s
Ambient / Storage temperature	0°C ... 45°C / -25°C ... 75°C					
Weight / kg	0,3	0,3	0,5	0,5	2,7	3,0
Order number	20700. 40003	20700. 40005	20700. 40007	20700. 40011	20800. 38011	20800. 38022

Please observe supplementary sheet with dimensioning rules.

Dimensions:



Connection Diagrams:

