



Features:

- single-phase controlled soft starter
- All devices for pole-changing motors
- dual-voltage, for 400V and 230V networks
- 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
- 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

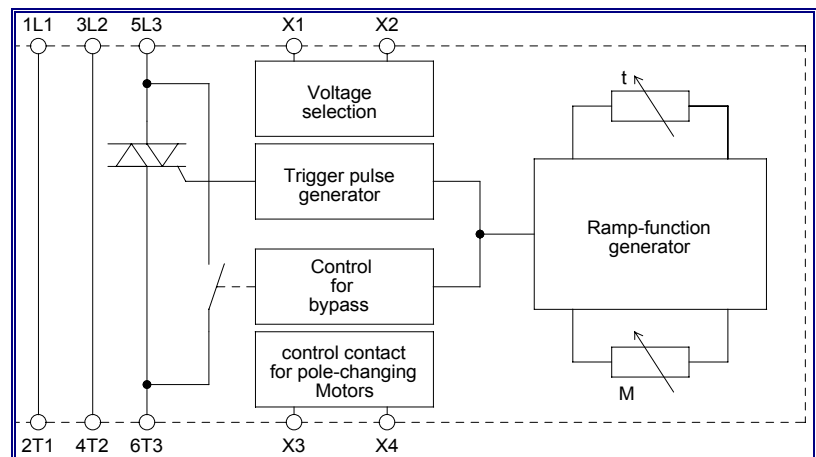


Typical Applications:

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

Function:

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

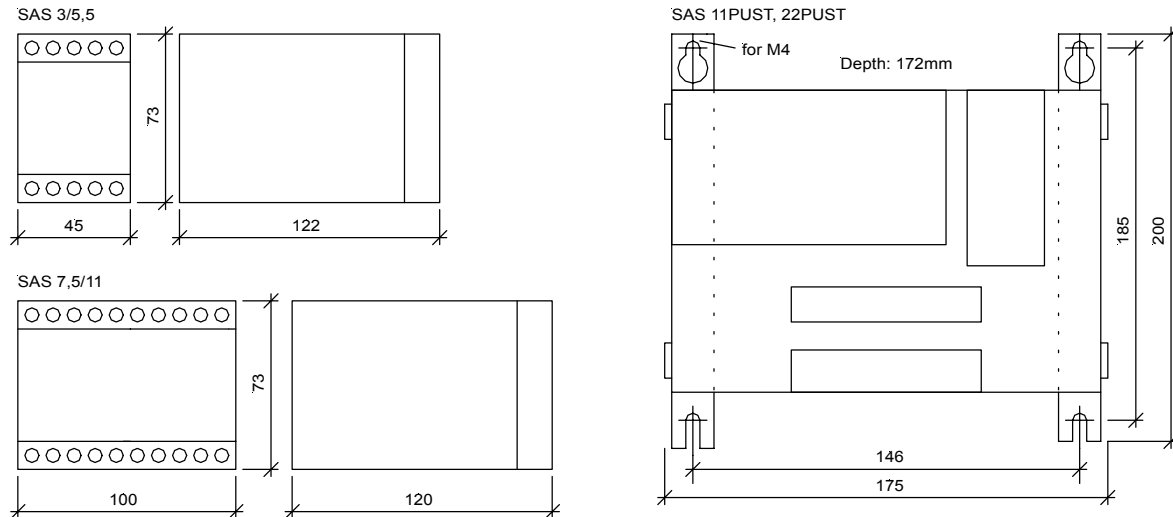


Technical Data	SAS					
	3	5,5	7,5	11	11PUST	22PUST
Mains / Motor voltage X1-X2 jumpered	160 ... 240V $\pm 10\%$				400V $\pm 15\%$	
Mains / Motor voltage X1-X2 not jumpered	380 ... 480V $\pm 10\%$					
Device nominal current	6,5A	12A	16A	25A	25A	45A
Mains frequency	50/60Hz					
Motor rating at 230V	1,5kW	3kW	4kW	5,5kW		
Motor rating at 400V	3kW	5,5kW	7,5kW	11kW	11kW	22kW
Starting torque	0 ... 50%					
Starting time	0.5 ... 5s					
Reset time	200ms					
max. Switching cycle per hour	100	80	50	30	120	60
Ambient / Storage temperature	0°C ... 45°C / -25°C ... 75°C					
Weight	0.3kg	0.3kg	0.5kg	0.5kg	2.7kg	3.0kg
Order number	20700. 40003	20700. 40005	20700. 40007	20700. 40011	20800. 38011	20800. 38022

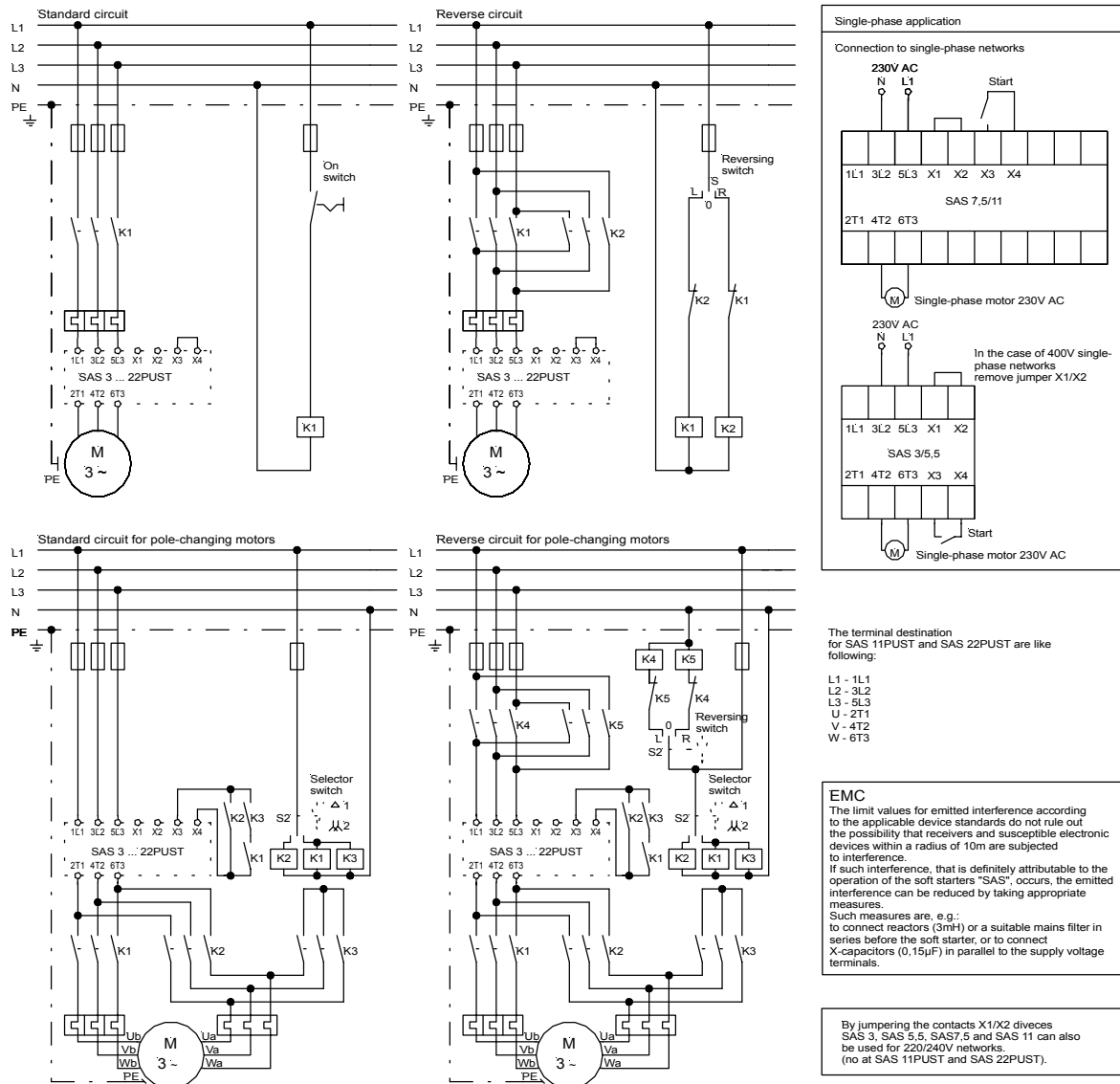
SAS 3 up to SAS 11: Standard up to 480V
 Option: special voltages 500V up to 640V (all types in to 100mm-housing)

SAS 11PUST and SAS 22PUST: Option: special voltages up to 690V

Dimensions:



Connection Diagrams:



Subject to change without notice.