

**Features:**

- ☑ two-phase controlled soft starter
- ☑ controlled by microcontroller
- ☑ integrated bypass relay
- ☑ current and torque reduction during acceleration
- ☑ integrated motor overload protection
- ☑ motor-PTC connection
- ☑ voltage range 200 - 440V or 200 - 575V
- ☑ degree of protection IP20 (up to 100A), IP00 (from 140A up)



Soft Starters  
VS i II 18 ... 200



**Function:**

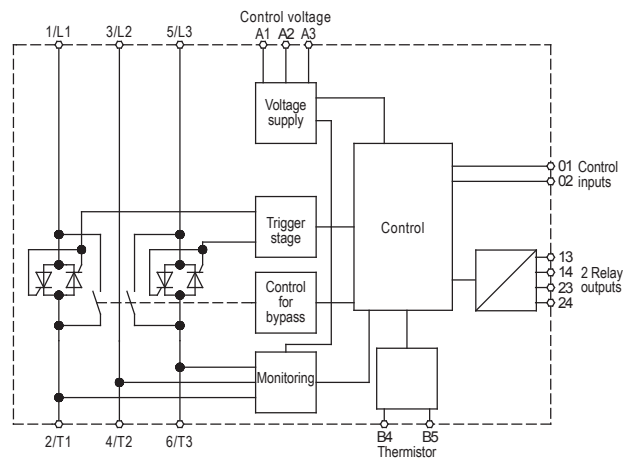
- ☑ 2 relay outputs
- ☑ acceleration time monitoring
- ☑ adjustable parameters:
  - rated motor current
  - current ramp
  - current limit
  - soft stop – ramp time
  - motor protection class
  - output relay function
  - phase rotation protection

**Typical Applications:**

pumps, ventilators  
compressors  
mills, crushers, presses  
conveying machines  
drives with high-inertia starting

**Accessories:**

- ☑ ext. operating panel and interface (29000.25901)
- ☑ USB module (29000.25910)
- ☑ DeviceNet module (29000.25903)
- ☑ Modbus module (29000.25904)
- ☑ Profibus module (29000.25905)
- ☑ finger protection (from 140A up, 29000.25907)

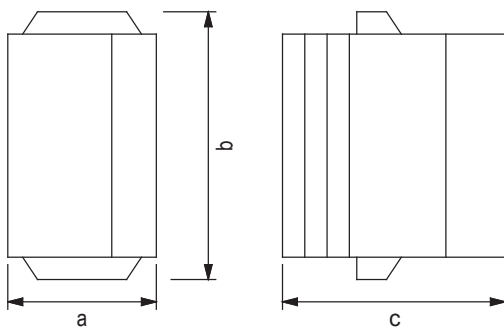


Typical designation	VS i II 440 -										
	18C1	34C1	42C1	48C1	60C1	75C1	85C1	100C1	140C1	170C1	200C1
	18C2	34C2	42C2	48C2	60C2	75C2	85C2	100C2	140C2	170C2	200C2
mains voltage	200-440V 45-66Hz										
Typical designation	VS i II 575-										
	18C1	34C1	42C1	48C1	60C1	75C1	85C1	100C1	140C1	170C1	200C1
	18C2	34C2	42C2	48C2	60C2	75C2	85C2	100C2	140C2	170C2	200C2
mains voltage	200-575V 45-66Hz										
rated device current	18A	34A	42A	48A	60A	75A	85A	100A	140A	170A	200A
order number:											
440V/C1 25900.44...	018	034	042	048	060	075	085	100	140	170	200
440V/C2 25901.44...	018	034	042	048	060	075	085	100	140	170	200
575V/C1* 25900.57...	018	034	042	048	060	075	085	100	140	170	200
575V/C2* 25901.57...	018	034	042	048	060	075	085	100	140	170	200

\*units with 575V are not available ex stock, upon request

Technical data		VS i II 440 -										
Typical designation		18C1	34C1	42C1	48C1	60C1	75C1	85C1	100C1	140C1	170C1	200C1
		18C2	34C2	42C2	48C2	60C2	75C2	85C2	100C2	140C2	170C2	200C2
mains voltage		200-440V 45-66Hz										
Typical designation		VS i II 575-										
		18C1	34C1	42C1	48C1	60C1	75C1	85C1	100C1	140C1	170C1	200C1
		18C2	34C2	42C2	48C2	60C2	75C2	85C2	100C2	140C2	170C2	200C2
mains voltage		200-575V 45-66Hz										
rated device current		18A	34A	42A	48A	60A	75A	85A	100A	140A	170A	200A
motor rating at 400V in kW		7,5	15	18,5	22	30	37	45	55	75	90	110
current ramp		2s, 5s, 15s mit 150%, 200% and 250% In										
current limit		250%, 275%, 300%, 325%, 350%, 375%, 400%, 425%, 450% In										
motor protection class		adjustable										
deceleration time		2s - 20s										
switching frequency at 4x Ie and 6s techn. parameter of relay outputs		AC 53b 10/h					AC 53b 6/h					
ambient temperature		-10°C...+40°C (+60°C derating)										
control voltage		C1: 110-240VAC -15%/+10% 380-440VAC -15%/+10%; C2: 24VDC/24 VAC ±20%										
weight / kg		2,4			4,3			6,8				

Dimensions:



	a (mm)	b (mm)	c (mm)
VS i II...-18	98	203	165
VS i II...-34	98	203	165
VS i II...-42	98	203	165
VS i II...-48	98	203	165
VS i II...-60	98	203	165
VS i II...-75	145	215	193
VS i II...-85	145	215	193
VS i II...-100	145	215	193
VS i II...-140	202	240	214
VS i II...-170	202	240	214
VS i II...-200	202	240	214

Connection Diagram:

