

STADT DN SOFT STARTER

Digital soft starter

8 - 3000A, 220 - 1200V



The STADT DN is a heavy duty, advanced, highly reliable Soft Starter. Designed to operate under severe conditions starting the most demanding applications, such as those in Marine, Mining and Industry installations. Advanced features such as pump control, slow speed, electronic reverse and enhanced motor protection make it one of the best and most popular soft starters in the industry.

Advanced Features

- Robust construction
- Highly advanced starting & stopping characteristics
- User friendly set up and operation
- Line or Inside delta connection
- Ambient operating temperature: up to 60°C
- Motor insulation tester
- Communication: Modbus, Profibus, DeviceNet
- Thermistor input
- Analog output
- 45-65Hz Auto-tracking frequency range
- Can be operated without bypass contactor at 50°C up to 820A
- Designed to meet Marine Industry standards



Comprehensive Protection Package

- Too many starts & start inhibit time
- Long start time (Stall protection)
- Shear pin (jam) with adjustable delay
- Electronic overload with selectable curves
- Under current
- Phase loss
- Phase sequence and Under/Over frequency
- Under/Over voltage
- Load loss (motor not connected)
- External fault
- Shorted SCR
- Starter over temperature protection
- Motor insulation test (option)
- Motor thermistor (option)
- When using "Preparation for Bypass" all protections remains active

Soft Start and Soft Stop Functions

- Soft, stepless acceleration & deceleration
- Current limiting
- Torque & current control - for optimized acceleration and deceleration
- Pump control program
- Dual adjustment - two start/stop characteristics
- Slow speed with electronic reverse
- Pulse start
- Soft Stop Functions

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8-3000A, 220-690V

Size	Rated Current (A)	Motor kW @400V	Motor kW @690V	Unit Dimensions (mm)			Weight (kg)				
				H	W	D					
A	8	4	8	310	153	170	4.5				
	17	7.5	17								
	31	15	31				6.0				
	44	22	44								
	58	30	58								
B	72	37	72	310	153	217	7.5				
	85	45	85								
	105	55	105					14.5			
	145	75	145								
	170	90	170								
C	210*	110	210	455	380	292	32				
	310*	160	310								
	390*	200	390								
D	460*	250	460	555	380	292	39				
	580	315	580								
	820	450	820					655	470	302	48
	950	560	950					715	470	302	65
	1100	630	1100					660	623	290	83.5
E	1400	800	1400	1100	723	370	170				
	1800	950	1800								
	2150	1250	2150					1300	750	392	240
F	2400	1400	2400	1300	900	410	350				
	2700	1575	2700								
	3000	1750	3000								

* Dimensions differ with Marine approvals.

(Cosφ=0,86)

105-580A, 1000-1200V

Size	Rated Current (A)	Unit Dimensions (mm)			Weight (kg)
		H	W	D	
H	105	400	325	300	20
I	170	500	592	345	55
	210				
	310				
	390				
J	460	530	592	345	60
	580				

How To Order

Example:

