

# RVS-DN



**Heavy Duty Soft Starter**  
for the most demanding  
applications

Ratings: 8-3000A, 230 - 1200V



For more information,  
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[www.solconusa.com](http://www.solconusa.com)





# RVS-DN

## Heavy Duty Soft Starter

### Ratings: 8-3000A, 230-1200V

A heavy duty, full featured digital soft starter, incorporating superior soft start/soft stop control for the most demanding applications. Comprehensive motor protection package and the robust design ensures long term, reliable performance.

### Advanced Features

- Complete line 8-3000A, 230-1200V
- Heavy duty, fully rated design
- Busbar provisions for adding external bypass contactor
- Superior starting & stopping
- Comprehensive motor protection
- RS 485 Modbus communications
- Frequency autotracking 45-65Hz
- Line or inside delta connection
- Ambient temperature rating 50°C
- Unique pump control software
- Torque and current control
- Dual adjustments
- Slow speed with reversing
- Pulse start

### Protection Features

- Too many starts
- Long start time (Stall)
- Shear-pin (Start + Run + Jam)
- Electronic overload
- Under current with delays
- Phase loss & sequence
- Under, over & no voltage
- Load loss
- Shorted SCR
- Starter over-temperature

### Digital Controller

- LCD - 2 lines x 16 characters
- Selectable languages:
  - English, German, French & Spanish
- Two display modes: basic & advanced
- Statistical Data
- Eight LEDs for status indication

### Marine Type Test Certifications

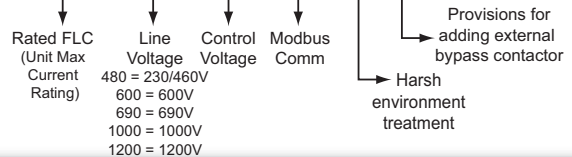
Available Upon Request



### How to Order:

Example:

RVS - DN 310 - 480 - 115 - 3M - 8 - 9 - U - S



Model Number	Max Amp Rating	Motor HP (nominal)			Unit Dimensions (in inches) & Weights			
		230V	460V	600V*	H	W	D	lbs
RVS-DN 72	72	25	50	60	12.2	5.9	8.6	17
RVS-DN 85	85	30	60	75	15.0	10.8	9.4	32
RVS-DN 105	105	40	75	100	15.0	10.8	9.4	32
RVS-DN 145	145	50	100	150	15.0	10.8	9.4	32
RVS-DN 170	170	60	125	150	15.0	10.8	9.4	32
RVS-DN 210	210	75	150	200	18.0	15.0	11.6	125
RVS-DN 310	310	100	250	300	18.0	15.0	11.6	125
RVS-DN 390	390	150	300	350	18.0	15.0	11.6	125
RVS-DN 460	460	150	350	400	32.3	24.5	11.4	175
RVS-DN 580	580	200	400	400	32.3	24.5	11.4	175
RVS-DN 820	820	300	500	500	32.3	24.5	11.4	175
RVS-DN 1100	1100	400	800	1000	43.3	28.5	14.6	375

\*Contact factory for 1000V, 1200V and higher amperage rated units

Also available as:

### Heavy Duty Combination Starter with built in:

- Circuit breaker with flange handle
- ATL rated bypass
- Electronic O/L relay for emergency start protection
- Control Power Transformer
- SS/ATL switch
- Start/stop/reset pushbuttons
- Local/Off/Remote switch
- Run, Fault, Power On lights
- NEMA 4/12 enclosure

Other enclosures and accessories available



Heavy Duty RVS-DN



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