



## RVS-DN

**Heavy Duty Soft Starter**  
for the most demanding applications  
Ratings: 8-3000A, 200-1200V



accepted worldwide  
[www.solconusa.com](http://www.solconusa.com)



# RVS-DN

## Heavy Duty Soft Starter for the most demanding applications Ratings: 8-3000A, 200-1200V

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

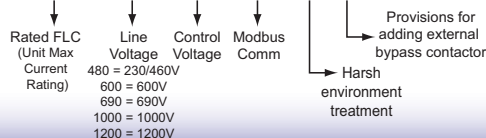
- Complete line 8-3000A, 220-1200V
- Heavy duty, fully rated design
- Robust construction
- Busbar provisions for adding external bypass contactor
- Superior starting & stopping
- Comprehensive motor protection
- RS 485 Modbus communications
- Frequency autotracking 45-65Hz
- User friendly
- Line or inside delta connection
- Ambient temperature rating: 50°C
- Current limit
- Unique pump control software
- Torque and current control
- Dual adjustments
- Slow speed with reversing
- Pulse start



### How to Order:

Example:

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



Model Number	Max Amp Rating (FLC)	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	19.7	23.2	11.6	125
RVS-DN 310	310	100	250	300	19.7	23.2	11.6	125
RVS-DN 390	390	150	300	350	19.7	23.2	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 Solcon USA for 690V, 1000V and 1200V Ratings

### 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

Also available as:

### Heavy Duty Combination Starter with built in:

- Circuit breaker, flange handle
  - ATL rated bypass
  - Electronic O/L relay for emergency start protection
  - O/L reset pushbutton
  - SS/ATL switch
  - Start/stop pushbuttons
  - Local/Off/Remote switch
  - Run light
  - NEMA 12/3R enclosures
- Other enclosures and accessories available



Heavy Duty RVS-DN



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