

RVS-DX

Standard Duty Soft Starter with built-in bypass
8-170A, 208-600V



The RVS-DX incorporates enhanced soft start/soft stop characteristics, motor protection features with built-in bypass in a compact design suitable for pumps, fans and other industrial applications.

Advanced Features

- Superior soft starting & soft stopping
- Comprehensive motor protection
- RS 485 Modbus communications
- Frequency autotracking 45-65Hz
- User friendly
- Line or inside delta connection
- Current limit
- Unique pump control software
- Torque and current control
- Dual adjustment
- Slow speed with reversing
- Pulse start

Digital Controller

- LCD - 2 lines x 16 characters
- Selectable languages: English, German, French & Spanish
- Four LEDs: On, Run, Ramp Up/Down & Fault
- Statistical data
- Full description parameter settings



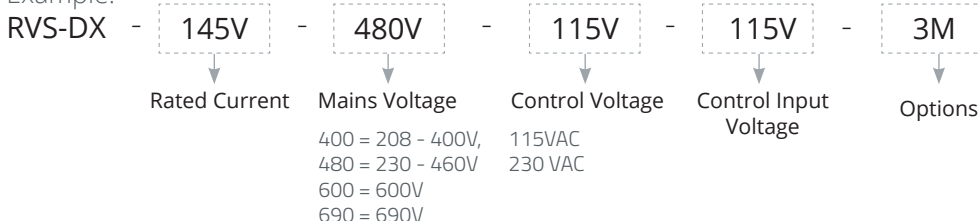
Model	Max Amp Rating (FLC)	Motor HP @ 480V	Unit Dimensions (in)			Weight (lb)
			H	W	D	
A	8	5	9.1 (233 mm)	4.7 (120 mm)	4.8 (122 mm)	7 (4 kg)
	17	10				
	31	20				
	44	30				
B	58	40	10.9 (277 mm)	5.1 (130 mm)	7.2 (183 mm)	12 (6 kg)
	72	50				
C	85	60	15.0 (381 mm)	5.1 (130 mm)	7.2 (183 mm)	22 (13 kg)
	105	75				
D	145	100	15.0 (381 mm)	6.8 (173 mm)	7.6 (193 mm)	28 (13 kg)
	170	125				

Protection Features

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

How To Order

Example:



- 0 - No Options
- 5 - Standard
- 3D - DeviceNet
- 3M - Modbus
- 3P - Profibus
- 4 - Insulation test
- 5 - Analog output
- 8 - Conformal coating
- 9 - Preparation for bypass contactor
- D - Remote display
- M - Marine approval (A-C)
- U - UL standard (A-C)

RVS-DXM

General Duty Soft Starter with built-in bypass
210 - 1100A, 208-600V



The RVS-DXM incorporates enhanced soft start/soft stop characteristics, motor protection features with built-in bypass in a compact design suitable for nearly any application.

Model	Rated Current (A)	Motor HP @ 480V	Unit Dimensions (in)			Weight (lb)
			H	W	D	
A	210	150	25.3 (643 mm)	14.4 (366 mm)	10.9 (277 mm)	89 (40.4 kg)
	240	200				
	310	250				
B	360	300	24.9 (633 mm)	20.1 (511 mm)	11.75 (299 mm)	92 (41.7 kg)
	414	350				
	477	400				
C	515	450	27.2 (691 mm)	18.9 (481 mm)	11.9 (303 mm)	103 (47 kg)
	590	500	31.2 (793 mm)			123 (56 kg)
D	720	600	31.2 (793 mm)	20.1(511 mm)	12 (318 mm)	133 (61 kg)
	840	700				
E	960	800	31.2 (793 mm)	22 (559 mm)	12.5 (318 mm)	188 (86 kg)
	1100	900				



*See RVS-DX for lower rated models.

Advanced Features

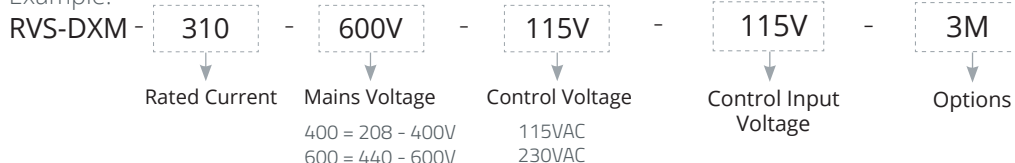
- General duty rated with built-in bypass
- Ambient operating temp -10 to +/-50 C
- Comprehensive motor protection
- Frequency autotracking 45-65Hz
- User friendly
- Line or inside delta connection
- Current limit
- Unique pump control software
- Torque and current control
- Dual adjustment
- Slow speed with reversing
- Pulse start

Protection Features

- Comprehensive, built-in motor protection (same as RVS-DX)
- Multi-language, 2-line x 16 character display
- Four LEDs (On, Run, Ramp Up/Down & Fault)
- Statistical Data
- Full description parameter settings
- Remote keypad option

How To Order

Example:



Flexibility by Design

- Line & load connections
- Choose from six bus bars (top & bottom) for flexible installation
- Rated: 350% for 30 seconds; std. 65kAIC (breaker), 100kAIC (fuses)
- Two models to choose from:
400 = 208 - 400V
600 = 440 - 600V



RVS-DX & RVS-DXM Combination Starter packages with built in:

- Circuit breaker, rotary handle
- Shunt rated bypass
- Start/stop/reset pushbuttons
- Power On, Run, Fault lights
- HOA switch
- CPT
- NEMA 4/12 enclosure
- Other enclosures and accessories available

- 0 - No Options
- S - Standard
- 3D - DeviceNet
- 3M - Modbus
- 3P - Profibus
- 4 - Insulation test
- 5 - Analog output
- 8 - Conformal coating
- 9 - Preparation for bypass contactor
- D - Remote display
- M - Marine approval (A-C)
- U - UL standard (A-C)