



### **RVS-DN**

Digital Soft Starter 8-3000A, 200-1000V

### **RVS-DX**

Digital Soft Starter 8-1100A, 200-600V  
with a built-in bypass



## RVS-DX

Digital Soft Starter  
8-1100A, 200-600V  
with a built-in bypass  
Line or Inside Delta connection



The RVS-DX incorporates enhanced start-stop characteristics providing the best solution for most applications. The comprehensive motor protection package guarantees long term reliability while the built-in bypass design ensures excellent performance, all in a narrow footprint (book type) design.



### Advantages at a glance

- Small footprint
- Complete line 8-1100A, 220-600V
- Third generation microprocessor design
- Standard duty with built in bypass
- Aluminum case (8-170A)
- Superior starting & stopping
- Comprehensive Motor Protection
- RS 485 Modbus Communications
- Frequency autotracking 45-65Hz
- User friendly
- Line or Inside Delta connection
- Analogue output (option 210-1100A)
- Opto isolated inputs
- Fault, EOA & Immediate relays
- RS485 Modbus comm. (option)

### Motor & starter protection

- Too many starts
- Long start time
- Shear-pin
- Electronic overload
- Under Current
- Phase loss & Sequence
- Under, Over & No voltage
- Load loss
- Shorted SCR
- Starter over-temperature
- External Fault
- SCR protection with MOV's

### Starting & stopping

- Soft start & soft stop
- Current Limit
- Unique Pump Control software
- Torque and Current Control
- Dual Adjustment
- Pulse start
- Slow speed forward and reverse
- Fan control (option)
- DOL Starting (option 390-1100A)

### Displays

- LCD - Two lines of 16 characters
- Multilingual: English, German, French & Spanish
- Four LEDs:  
On, Run, Ramp Up/Down & Fault
- Statistical Data
- Full description parameter settings

## RVS-DN

Digital Soft Starter  
8-3000A, 200-1000V  
Line or Inside Delta connection



Heavy duty, full featured digital soft starter, incorporating superior start-stop characteristics to provide solutions for the most demanding applications. Comprehensive motor protection package guarantees long term reliability, while the robust design ensures excellent performance in harsh environments. Incorporating Pump Control Program & Slow-Speed with Electronic Reversing. Including various marine and industrial standards. Ideal for severe and heavy duty marine and offshore applications.

### Advantages at a glance

- Complete line 8-3000A, 220-1000V
- Heavy duty, fully rated design
- Robust construction
- Superior starting & stopping
- Comprehensive Motor Protection
- User friendly
- Line or Inside Delta connection
- Ambient temperature: 50°C
- Options:
  - Motor Insulation Tester
  - RS-485 Modbus, Profibus, TCP
  - Thermistor in / Analogue out
  - Tachometer input

### Starting & stopping

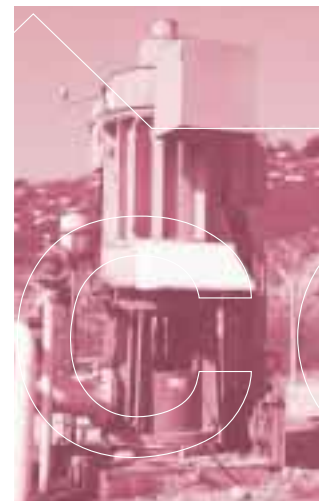
- Soft start & soft stop
- Current Limit
- Unique Pump Control software
- Torque and Current Control
- Dual Adjustments
- Slow speed with reversing
- Pulse start
- Linear Acceleration (option)
- Energy Save for improved PF

### Motor & starter protection

- 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

### Displays LCD & LEDs

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



CE P UL \* c UL \* \* consult us

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