

HRVS - DN

Digital Heavy Duty, Medium Voltage Soft Starter 2.3-13.8kV up to 48MW

The HRVS-DN's sophisticated motor control technology ensures smooth acceleration and deceleration as it minimizes the effect of high in-rush current and mechanical torque shock. The flexible design, enhanced motor protection and a superior global reputation make the HRVS-DN the starting solution of choice for Medium Voltage applications - even under the most demanding conditions.

The HRVS-DN's flexible configuration is designed to meet the requirements of new applications, retrofits and OEM customization.

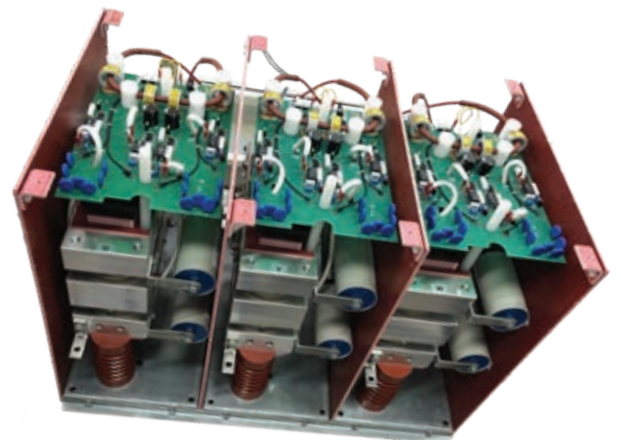
Features

- > Configurable starting & stopping characteristics Enhanced motor protection package
- > User friendly setup and operation
- > Multi-soft start and multi-soft stop
- > Unique synchronous motor starting module
- > Pump and load control
- > Partial Discharge test according to EN50178/625.1
- > Direct Power Factor Capacitor connection
- > EMC compliant design and tested
- > Communication options: Modbus, Profibus, DeviceNet, Anybus
- > Tested and certified against shock, vibration and Seismic
- > Compact 2-phase control configuration (optional)

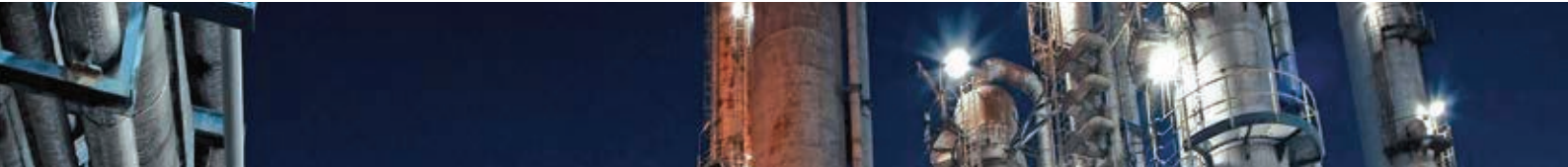


Integral Protections

- > Bypass open
- > Under Voltage
- > Under current
- > Current unbalance
- > Phase sequence Maximum start time
- > Electronic overload
- > Time over current
- > Ground fault
- > Over Voltage



Solcon Industries Ltd. is a dynamic power-electronics company that has been at the forefront of design, development and manufacturing of industrial electronic motor starting and control systems for over 40 years. We utilize advanced technology with leading edge designs based on continuous field research, testing and development. Solcon offers a complete range of Soft Starters, including both Low Voltage and Medium Voltage units, for a range of applications.



Models | 2.3-13.8kV, 60-1,800A

Mains Voltage (kV)	Rated Current (A)	Motor kW (kW)	Mains Voltage (kV)	Rated Current (A)	Motor kW (kW)	Mains Voltage (kV)	Starter Current (A)	Motor kW (kW)	Mains Voltage (kV)	Starter Current (A)	Motor kW (kW)
2.3	60	200	4.16	60	360	10	70	1,020	11	70	1,100
	110	360		110	660		140	2,040		140	2,200
	200	660		200	1,200		250	3,650		250	4,000
	320	1,060		320	1,930		300	4,300		300	4,800
	400	1,330		400	2,410		400	5,800		400	6,400
	500	1,660		500	3,010		500	7,250		500	8,000
	600	2,000		600	3,610		600	8,700		600	9,600
	700	2,300		700	4,210		700	10,150		700	11,200
	800	2,660		800	4,820		800	11,600		800	12,800
	1,000	3,330		1,000	6,030		1,000	14,500		1,000	16,000
3.3	60	280	6.6	70	670	13.8	1,200	17,400	13.8	1,200	19,200
	110	520		140	1,340		1,400	22,000		1,400	22,400
	200	950		250	2,390		1,600	25,000		1,600	25,600
	320	1,530		300	2,870		1,800	28,000		1,800	28,800
	400	1,910		400	3,820					70	1,400
	500	2,390		500	4,780					140	2,800
	600	2,850		600	5,736					250	5,000
	700	3,325		700	6,740					300	6,000
	800	3,820		800	7,650					400	8,000
	1,000	4,780		1,000	9,570					500	10,000
			1,200	11,500			600	12,000			
			1,400	14,000			700	14,000			
			1,600	16,000			800	16,000			
			1,800	18,000			1,000	20,000			
							1,200	24,000			

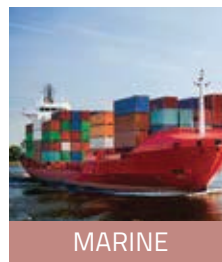
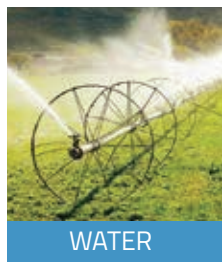


MIP-6 Motor Insulation Protection Relay

Solcon's HRVS-DN can also be paired with the MIP-6 so as to monitor the level of deterioration in the insulation of the Motor. The MIP-6 measures the motor's insulation resistance and displays

the actual and average highs and lows over a predefined period of time. The unit is available with an additional resistor box (Up to 15kV Medium Voltage motors)

Meeting your needs across industries



For More Information

www.solcon.com | contact@solcon.com

