



RTO-6/630

The RTO-6 is a heavy duty Medium Voltage Soft Starter, designed for all Medium Voltage AC induction motors. The RTO-6's advanced motor control technology ensures smooth acceleration and deceleration as it minimizes the effect of high in-rush current and mechanical torque shock. Advanced features include customizable starting curves, unique voltage and current measurements, as well as monitoring capabilities.

Advanced 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
- Low and Medium Voltage sections
- PLC controller and HMI
- Communication: Modbus RTU/ RS 485
- Multi-language interface

Integral Protections

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

Optional, customized specifications may vary according to customer's requirements.

Technical parameters:

Voltage U_n	3x6000 V AC +/-20%
Frequency	50/60 Hz
Nominal current	630A
Outlet	2
Line vacuum contactor	1 630A/7,2kV
By-pass vacuum contactor	2 450A/7,2kV
Outlet vacuum contactor	2 450A/7,2kV
Enclosure	Ex d
Marking ATEX	I M2 db [ia Ma] [ib Mb] I Mb
Weight	~4000 kg
Ambient temperature	-20 ÷ +40°C
Humidity	95%
Protection class	IP65

