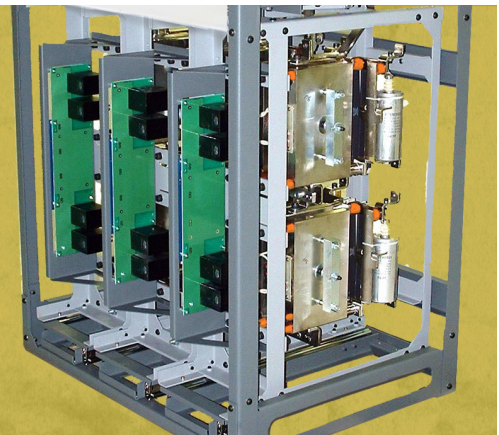
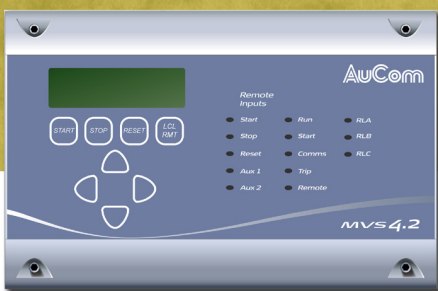


# CATALOGUE

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D A T A

MVS Series Medium Voltage Soft Starters



**AuCom**

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# MVS

Series

MVS 2.3 MVS 6.6  
MVS 3.3 MVS 7.2  
MVS 4.2 MVS 11.0

AuCom's MVS Series soft starters set new standards for control of medium voltage motors.

MVS starters provide a complete motor starting solution including:

- advanced soft start and soft stop control
- motor protection functions
- system protection functions
- metering
- diagnostics
- communications

This advanced feature set is made simple to use by the MVS multi-language plain text display and intuitive menu structure. A multi-level password system provides security for parameter adjustments while still allowing users full access to the many metering functions.

Electrical isolation of low and high voltage circuits is assured by the MVS design which uses a two line fibre-optic interface between the MVS controller and power module. This fibre optic link simplifies installation of chassis mount MVS units into custom switchboards.

The MVS power modules are an extremely robust and compact design. This minimises required panel space and makes MVS soft starters suitable for use in even the most arduous industrial locations.

Installation, inspection and (if required) maintenance of the power modules is extremely easy. Each phase of the power module is a separate assembly that can be individually withdrawn from the starter chassis on built-in runners.

With independent certification to relevant international standards, the MVS Series soft starters provide proven performance for all medium voltage motor installations.

Current Range	70 A ~ 430 A
Supply Voltage	1000 VAC ~ 11000 VAC
Supply Frequency	45 Hz ~ 66 Hz
Control Voltage	110 VAC +10%/-15% 240 VAC +10%/-15%
Ratings	125% continuous

- Compact modular design simplifies panel design
- Air insulation assures long term reliability
- Low voltage test mode aids commissioning
- Fibre-optic interface provides complete isolation of operator controls
- Draw-out construction of power modules enables easy inspection or maintenance
- CE, C<sub>✓</sub> approval
- UL & Marine approvals pending

## FEATURE SET

	MVS
<b>Starting</b>	
Constant Current	✓
Current Ramp	✓
Torque Control	✓
<b>Stopping</b>	
Soft Stop	✓
<b>Protection</b>	
Motor Overload (Thermal Model)	✓
Under/Over Voltage	✓
Electronic Shearpin	✓
Undercurrent	✓
Phase Imbalance	✓
Phase Sequence	✓
Excess Start Time	✓
Ground Fault	✓
Motor Thermistor	✓
Supply Fault	✓
Shorted SCR	✓
<b>Human Interface</b>	
Multi-language Plain Text Display	✓
Event Log (date and time stamped)	✓
Trip Log (date and time stamped)	✓
Counters (starts, hours-run, kWh)	✓
Metering (amps, volts, pf, kW)	✓
User programmable metering screens	✓
Multi-level password protection	✓
<b>Control Interface</b>	
Control Inputs (3 x fixed, 2 x programmable)	✓
Relay Outputs (2 x fixed, 3 x programmable)	✓
Analogue Output (1 x programmable)	✓
Serial Output (1 x RS485)	✓
<b>Sundry</b>	
Dual Motor Sets	✓
Emergency Start Capability	✓
Starter Thermal Model	✓
<b>Options &amp; Accessories</b>	
RTD Interface	✓
Modbus RTU	✓
Profibus	✓
DeviceNet	✓
Synchronous Motor Control	✓
PC Software	✓
Remote Operator	✓



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