



**A&S**  
**ELECTRICAL**  
**SOLUTIONS**

*Delivering Results, Exceeding Expectations*

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# AuCom

## MOTOR CONTROL SPECIALISTS

**AuCom Electronics is an industrial power control company based in Christchurch, New Zealand. It provides technical expertise in the area of motor and power control. On-going research and development combined with our strong understanding of applications and client requirements ensures we deliver solutions that really do get the job done.**

### MVE Medium Voltage Softstarters



The MVE soft starter is a powerful and reliable solution for your medium voltage motor starting requirements.

Available in NEMA1, NEMA 12, NEMA 3R and outdoor rated enclosures, MVE comes as a fully-finished cabinet including load break disconnect switch with fuses, in-line vacuum contactor, and line-rated bypass vacuum contactor, as well as built-in motor overload protection.

Extensive personnel safety features, an easy-to-use graphical interface, and comprehensive built-in motor/load protection make this a well balanced solution for your medium voltage needs. Based on AuCom's successful MVS and MVX starters, MVE brings together sophisticated soft starter motor control functionality in a robust yet compact physical configuration.





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## MVX Medium Voltage Softstarters



The MVX is among the smallest medium voltage soft starter in its class. Smaller size is a big advantage in lowering the costs in building and provides more flexibility where space is limited, for example marine applications. AuCom MVX panels are designed with easy rack-in/rack-out operation, and components are easily accessible via hinged doors or removable panels while still keeping unauthorised people out.



The MVX offers extensive feedback and real-time status information in an easy-to-read format. Comprehensive metering information, details of starter status and last start performance allow easy monitoring of the starter's performance at all times. Multiple status screens let you display the data most relevant to your application, or you can configure your own programmable screen to show the most relevant information for your application.

## EMX Series Advance LV Softstarter



### EMX3 SOFT STARTER

The EMX3 is a comprehensive motor management system for the most demanding soft starting and stopping applications. With an impressive range of features, the EMX3 delivers superior performance and an unprecedented level of flexibility in a compact and user-friendly package.

The EMX3 doesn't just start and stop your machinery with Constant Current and Current Ramp, it also features the innovative XLR-8 Adaptive Acceleration Control. XLR-8 gives you the ability to precisely manage your starting and stopping acceleration, reducing downtime and eliminating water hammer problems.





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## EMX Series Advance LV Softstarter

### EMX4 SOFT STARTER



The new EMX4 soft starter helps ensure enhanced productivity of your operation. The EMX4 doesn't just start and stop your machinery with precision and efficiency, it also helps you minimise energy costs and improve operational effectiveness through the delivery of meaningful data to both operators and plant automation systems.

EMX4 is not only smaller, more powerful and packed with new control and protection features, it also introduces the gamechanging Smart Card capability. Fitting a Smart Card to the EMX4 transforms it from super smart motor controller to complete vsystem controller.

## CSX Series Low Voltage Softstarter



The CSX Series soft starters allow you greater control over the starting and stopping of three phase motors. The CSX is ideal as a simple soft start control device, whilst the CSXi provides an advanced soft start system complete with motor protection.

### CSX

The CSX soft starter employs a Timed Voltage Ramp system, which provides you with greater control over soft start and soft stop performance, reducing energy costs and enhancing the efficiency of your motor. Simple operation features and the built-in bypass function are housed in a compact package, giving a cost-effective solution for stopping and starting control.

### CSXi

The CSXi soft starter is a Constant Current system, complete with current measurement and control. In addition to soft start and soft stop, the CSXi provides a range of motor protection functions, including motor overload, phase loss and excess start time. The CSXi also features a programmable relay.





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## Actual Product Installations



Boiler Feed Pumps | PUSRI Ammonia Plant, Indonesia



Pump | El Mokattam Water Pump Station, Egypt



Pump | Linde AG, Russia



Pump | Helmke, France



Blower | AZIZ Company, Saudi Arabia



HVAC compressor | Khalifa Stadium, Qatar

*Let us be your service provider and strategic partner.  
Send us your inquiries.*

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