

APPLIED
MOTOR
CONTROLS

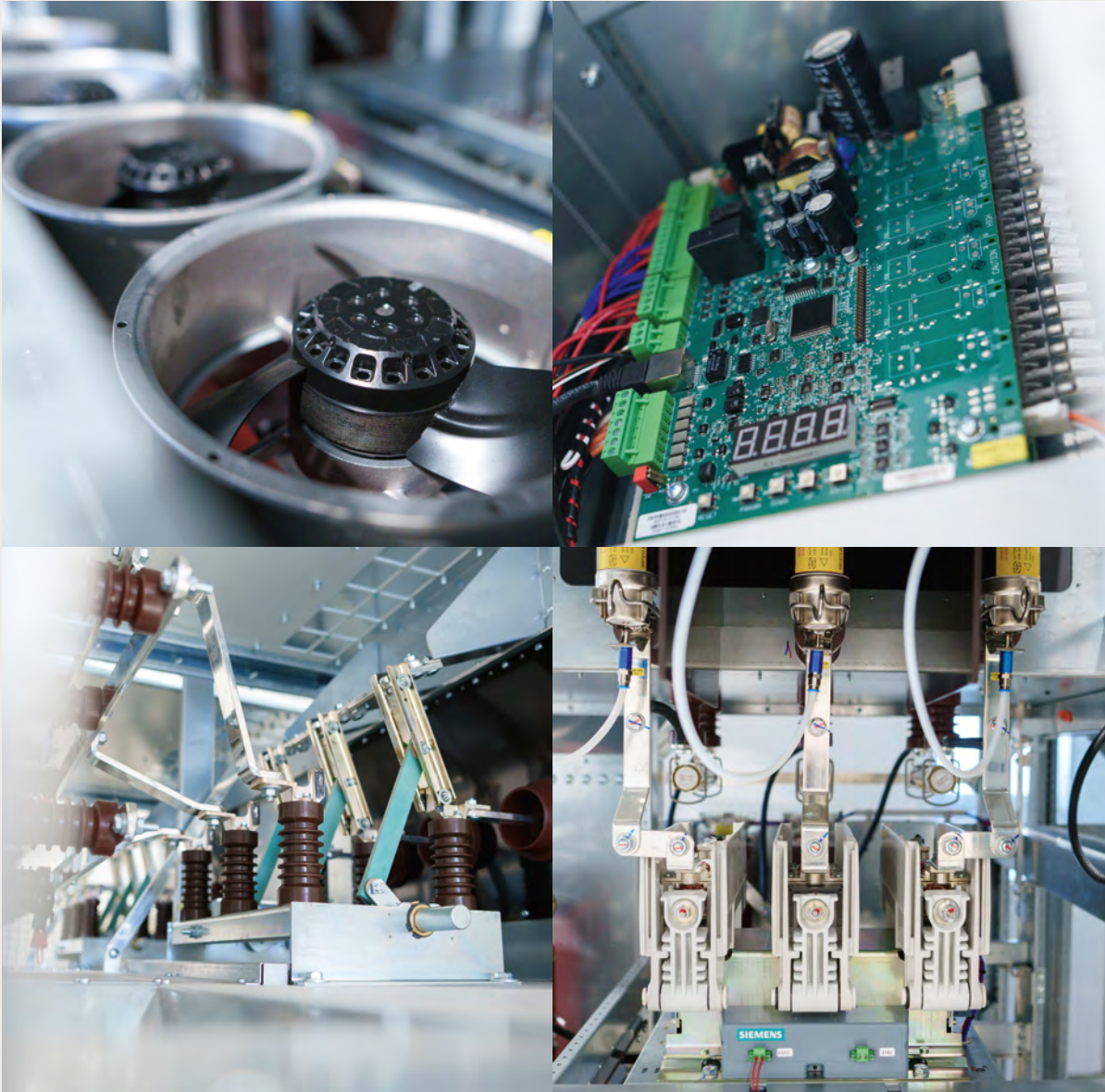
MV Heater Control

UP TO 11 KV/10 MW

AuCom



If you're looking for an efficient solution for your heating system, our Heater Control is the answer.



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Advantages at a glance

AuCom with decades lasting experience for SCR-based solutions extend their range to high performance MV solid state heater controller. It is a fully integrated medium voltage control solution for heaters that offers longer heater life, allowing you to confidently replace fossil fuel solutions with a clean electric solution. In addition, it also meets the necessary requirements to help make your process safe and reliable.

- Replace fossil fuel heat solutions, contribution to a carbon free production
- Higher efficiency than tradition fossil heat systems to traditional heat exchanger
- Easier to install, easier to control, easier to maintain
- No risk of worker injury from hot oil, explosions or vapours due to no sedimentation, changing oil, leaks, gas or oil vapours
- Emission free heating
- Oil, gas and chemical industry: you don't have to burn what you actually want to sell
- Useable with Solar Electrical Energy
- AuCom is well known in Oil & Gas industry, Europe and MENA
- Arc Flash resistant solution (type approval)
- Less space requirement, innovative cooling concept
- Own production of panels and power stacks
- Controller up to 11 kV/10 MW



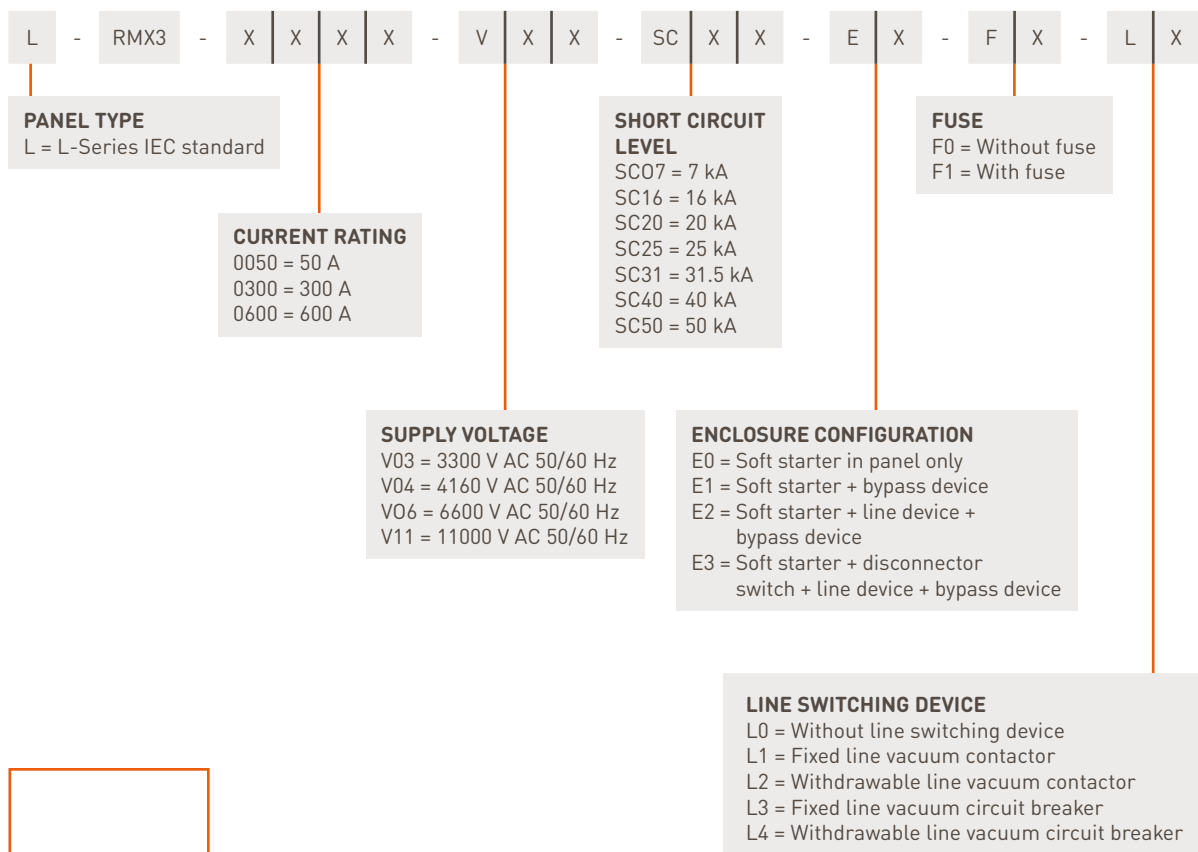
Technical Features

- Zero-cross SCR control for low electromagnetic interference
- Segregated low voltage compartment including HMI and PLC
- Fully protection functions for protection of Heater and SCRs
- Programmable metering
- Passcode protection
- Load element heater (anti-condensation)
- 99-event recorder

Load Protection Functions

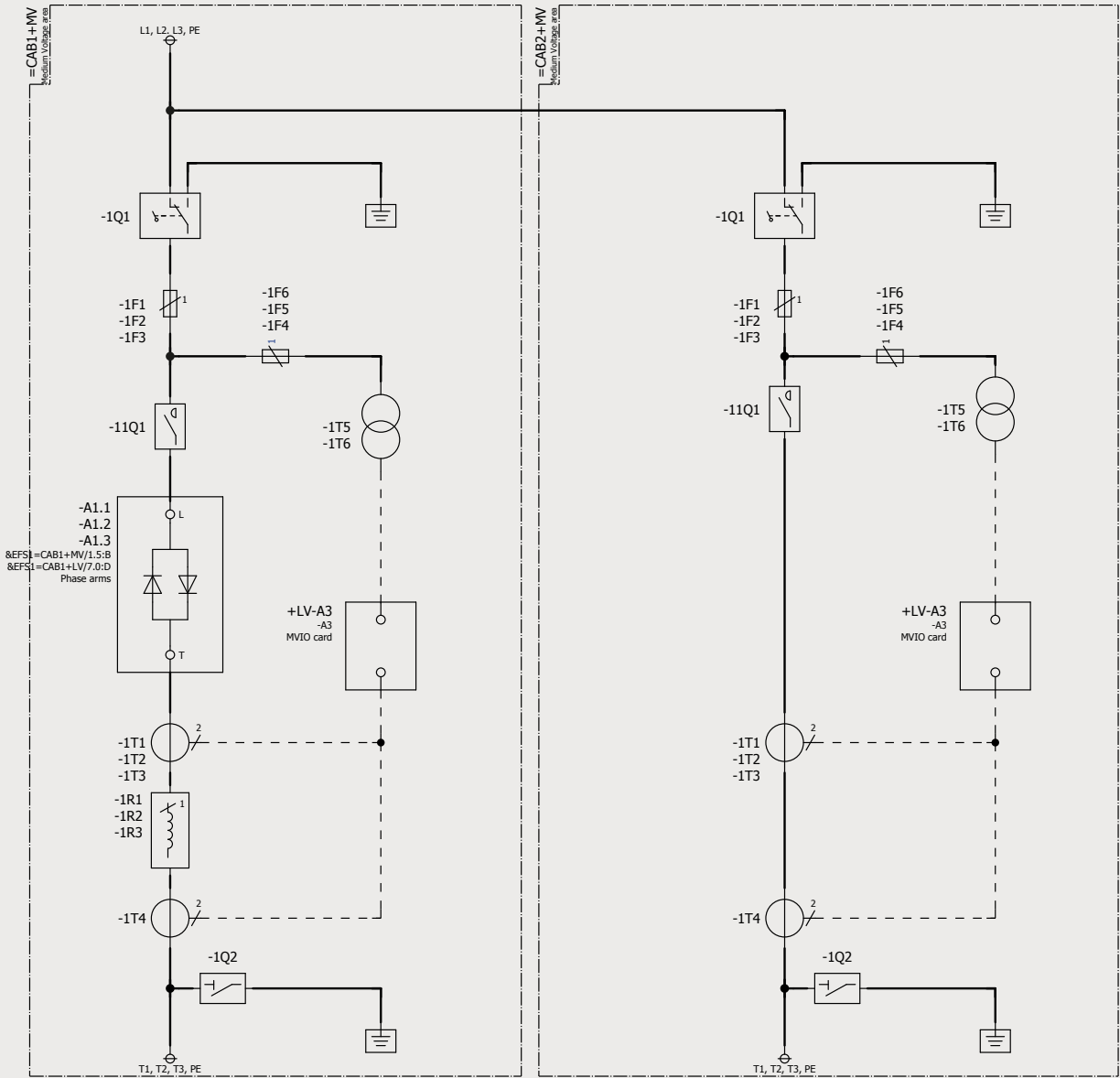
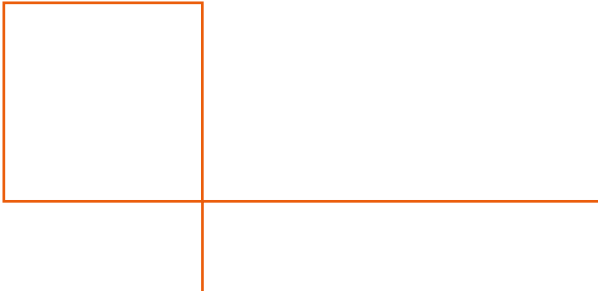
- Over/Under voltage protection (ANSI 27/59)
- Undercurrent detection (ANSI 37)
- Current imbalance detection (ANSI 46)
- Residual ground fault detection (ANSI 51G)
- Alarm relay output available (ANSI 74)
- Thermal overload lockout (ANSI 86)

Ordercode



Configurations

- IEC Panel Design with multiple frame sizes
- Short circuit protection with fuses or Circuit breaker
- Safety Switches for disconnecting and earthing
- Cascading of ATL and controlled loads
- Degree of protection IP31/IP42
- Line Contactor/Circuit Breaker
- Arc Flash Detection optional



AuCom is a global company specialising in complete motor control solutions. Our Medium and Low Voltage Soft Starters and Variable Speed Drives (VFDs) are engineered to the highest standards.

AuCom is recognised as the world's leading specialists in Motor Control: from concept and design to prototyping, creation of software and hardware, to the finished product. Whether you need basic motor starting or comprehensive motor control and protection, AuCom has a soft starter or VFD that matches.

AuCom's Competence Center for Global Solutions is located in Sendenhorst, Germany and our Low Voltage Competence Center is located in Christchurch, New Zealand. With regional offices in Dubai, South Korea, Egypt, the USA, China and Morocco, AuCom provides service and supplies products in more than 150 countries around the world.

AuCom Global Solutions

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