



LME7 – the bit different burner controls

Highlights

- Program sequence for forced draft oil or gas burners on separate PME program module
- Multicolor indication of operating status and fault status messages
- Controlled intermittent mode after 24 hours of continuous operation
- Limitation of the number of repetitions
- Remote reset facility
- Times can be parameterized
- Suitable for applications according to EN676 or EN746-2
- Approvals based on AGA, FM, UL, CSA and EN298:2012

LME7 burner controls are used for the startup and supervision of 1-, 2-stage or modulating oil or gas burners with intermittent operation.

Burner controls of the LME7 line feature a redundant, 2-channel microprocessor system and 2 independent shutdown paths for safety-related functions. The flame is supervised with an ionization probe and the UV detectors QRA2, QRA4 or QRA10. The photoresistor QRB1 is used for yellow flame and the flame detector QRC1 for blue flame.

Finally a universal PC tool for analysis and parameter settings completes the range. The PC tool can be used with all product variants.

Technical data (extract)

For further information, see basic documentation CC1P7105.

Mains voltage	AC 120 V +10 % / -15 % AC 230 V +10 % / -15 %
Cable lengths	
- Mains supply line	Max. 100 m at 100 pF/m line capacitance
- Display, BCI	Max. 3 m at 100 pF/m
- Load controller LR	Max. 30 m at 100 pF/m
- Other lines	Max. 30 m at 100 pF/m
- Remote reset	Max. 30 m at 100 pF/m
- Fuel valve	Max. 30 m at 100 pF/m
- ION flame detector cable	30 m (core-earth at 100 pF/m) laid separately
- QRA2/4/10 flame detector cable	Max. 100 m at 100 pF/m laid separately

