

## Mechanical design

The housing is made of impact-proof, heat-resistant and flame-retarding plastic.  
It is of plug-in design and engages audibly in the base.

The housing accommodates the

- microcontroller, which controls the program sequence, and the relays for load control
- electronic flame signal amplifier
- lock-out reset button with its integrated 3-colour signal lamp for status and fault messages and the socket for connecting the interface adapter OCI400

Display and diagnosis

- Multicolour display of status and fault messages
- Transmission of status and fault messages as well as detailed service information by additional interface adapter OCI400 and PC Windows software ACS400

## Type summary

Type reference	Mains voltage	Fuel valve stages	Burner capacity	Oil pre-heater contact	Remote reset	Times						Comparable type of LOA...
						tw max.	t1 min.	TSAm ax.	t3 min.	t3n max.	t4 min.	
Standard versions												
LMO14.111A2	AC 230 V	1	< 30 kg / h	•	•	5 s	16 s	10 s	15 s	10 s	---	LOA24.171B27 LOA26.171B27 LOA36.171A27
LMO14.111A1	AC 110 V	1	< 30 kg / h	•	•	5 s	16 s	10 s	15 s	10 s	---	LOA24.171B17
LMO14.113A2	AC 230 V	1	< 30 kg / h	•	•	5 s	16 s	10 s	15 s	3 s	---	LOA24.173A27
LMO24.111A2	AC 230 V	2	< 30 kg / h	•	•	5 s	16 s	10 s	15 s	10 s	15 s	LOA24.171B27 LOA26.171B27 LOA36.171A27
LMO24.111A1	AC 110 V	2	< 30 kg / h	•	•	5 s	16 s	10 s	15 s	10 s	15 s	LOA24.171B17
LMO24.113A2	AC 230 V	2	< 30 kg / h	•	•	5 s	16 s	10 s	15 s	3 s	15 s	LOA24.173A27
Version for flash-steam generators												
LMO24.011A2	AC 230 V	2	< 30 kg / h	•	•	5 s	6 s	10 s	5 s	10 s	15 s	LOA24.571C27
Version for direct fired air heaters WLE												
LMO44.255A2	AC 230 V	2	> 30 kg / h	•	•	5 s	26 s	5 s	25 s	5 s	5 s	LOA44.252A27

Legend

TSAm <sub>ax</sub>	Maximum ignition safety time
tw	Waiting time
t1	Pre-purge time
t3	Pre-ignition time
t3n	Post-ignition time, maximum until the end of «TSAm <sub>ax</sub> »
t4	Interval from flame signal to the release of «BV2»