

# Temperature regulators: The masters of precision.

Leister temperature regulators allow the air temperature of air heaters and hot air blowers to be precisely regulated. These regulators are perfectly matched to our Leister devices and facilitate easy and fast installation. They include a digital display for target/actual temperature and two freely programmable alarm outputs.

## Temperature regulator

### CSS EASY



## Temperature regulator

### CSS



## Temperature regulator

### KSR DIGITAL



Technical data	CSS EASY	CSS	KSR DIGITAL
Suitable for Leister air heaters	LHS SYSTEM	LHS SYSTEM, LE MINI SENSOR Universally deployable temperature regulator	LE 700, LE 3000, LE 3300, LE 5000 all types LE 10000 all types
Regulation type	PID	PID	PID
Ready to use with preconfigured parameter set	•	• (for LHS SYSTEM)	•
Configuration with PC and programming cable (see Accessories p. 51)	•	•	
Accuracy	Accuracy better than 0.2 % of scale value at 25 °C	Accuracy better than 0.2 % of scale value at 15 °C	Accuracy better than 0.2 % of scale value at 25 °C
Switchover °C °F	Configurable via keypad	Configurable via keypad	Configurable via keypad
Temperature sensor / input	Type K / socket	Type K, PT100, screw connectors	Type K / socket
Alarm output	2 alarms independently configurable Output at 2 floating relay contacts 4-fold connector block	2 alarms independently configurable Output at 2 floating relay contacts Screw connectors	2 alarms independently configurable Output at 2 floating relay contacts 2 mm receptacle
Connection to air heater	RJ-45 socket for Leister Control Cable (see accessories)	Screw connectors	Socket, compatible with KSR models
Voltage	100 – 240 VAC, max. 8 VA	100 – 240 VAC, max. 8 VA	100 – 240 VAC, max. 8 VA
Mains connection lead	3 m, with Euro plug	Without lead, screw connectors	3 m, with Euro plug
Mechanics	Regulator built into housing, ready to operate, can also be integrated into the front panel, with cut-out 67 × 67 mm	Regulator for front panel integration, with cut-out 45 × 45 mm	Regulator built into housing, ready to operate, can also be integrated into the front panel, with cut-out 67 × 67 mm
Size (L × W × H)	175 × 72 × 72 mm	109 × 48 × 48 mm	175 × 72 × 72 mm
Weight (kg)	0.45	0.20	0.50
Mark of conformity	CE	CE	CE
Protection classe II	□	□	□
Order no.	125.944	123.039	Contact your Leister sales & service center for technical details and ordering information.