

Temperature Regulators: The Masters of Precision.

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

Temperature Controller

CSS EASY



Temperature Controller

CSS



Temperature Controller

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 5000 DF und HT, LE 10000 DF and HT, LE 40000, HOTWIND S, VULCAN E
Regulation type	PID	PID	PID
Ready to use with preconfigured parameter set	•	• (for LHS SYSTEM)	•
Configuration with PC and programming cable (see Accessories)	•	•	
Accuracy	Accuracy better than 0.2 % of scale value at 77 °F	Accuracy better than 0.2 % of scale value at 77 °F	Accuracy better than 0.2 % of scale value at 77 °F
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 Output at 2 floating relay contacts	2 alarms independently configurable Output at 2 floating relay contacts Screw connectors	2 alarms independently configurable Output at 2 floating relay contacts 2mm 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. 8VA	100 – 240 VAC, max. 8VA	100 – 240 VAC, max. 8 VA
Mains connection lead	6.6 ft, with Euro plug	Without lead, screw connectors	6.6 ft, without plug
Mechanics	Regulator built into housing, ready to operate, can also be integrated into the front panel, with cut-out 2.64 × 2.64 inch	Regulator for front panel integration, with cut-out 1.77 × 1.77 inch	Regulator built into housing, ready to operate, can also be integrated into the front panel, with cut-out 2.64 × 2.64 inch
Size L × W × H	6.9 × 2.8 × 2.8 inch	4.3 × 1.9 × 1.9 inch	6.9 × 2.8 × 2.8 inch
Weight lb	0.99	0.44	1.1
Mark of conformity	CE	CE	CE
Protection classe II	□	□	□
Order no.	125.944	123.039	For LE 700, 230 V / 700 W °F 110.366 For DSE / HT / DF °F 114.025 For HOTWIND S, 230 V / 3700 W °F 110.378 For HOTWIND S, 400 – 440 V / 4 – 5.4 kW °F 110.381 For Vulcan E, 400 – 440 V / 11 – 13.5 kW °F 110.392 For LE 40000, 400 – 440 V / 32 – 39 kW °F 110.390

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