

Temperature controller

KSR DIGITAL



Technical data	KSR DIGITAL
Suitable for LEISTER air heaters	LE 10 000 DF
Regulation type	PID
Ready to use with preconfigured parameter set	•
Configuration with PC and programming cable (see Accessories)	
Accuracy	Accuracy better than 0.2% of scale value at 25 °C
Switchover °C / °F	Configurable via keypad
Temperature sensor / input	Type K / socket
Alarm output	2 alarms independently configurable Output at 2 floating relay contacts 2mm receptacle
Connection to air heater	Socket, compatible with KSR models
Voltage	100 – 240 VAC, max. 8 VA
Mains connection lead	2 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
Size L × W × H	175 × 72 × 72 mm
Weight kg	0.5
Mark of conformity	CE
Protection classe II	□
Order no.	For DSE / DF °C 111.164

Controller

Three-phase adjustment unit DSE






Technical data Three-phase adjustment unit DSE

External power electronics module for non-electronic air heaters of series LE 10000 DF

	Potentiometer operation	for KSR DIGITAL
Heating power steplessly adjustable with potentiometer	•	
Remote control interface for KSR DIGITAL temperature regulator or external PLC control 0 – 12 V		•
Size (L × W × H) mm	230 × 165 × 86	
Fixture hole pitch mm	150 × 150	
Mark of conformity	CE	
Protection classe II	⊕	

DSE for		KSR	Potentiometer	KSR
Power supply voltage	V ~	3 × 230	3 × 400 – 440	3 × 400 – 440
Max. current	A	3 × 20	3 × 20	3 × 20
Order no.		110.574	110.571	110.572

Accessories KSR DIGITAL, DSE

106.956		Thermocouple with plug, 1 m cable > KSR DIGITAL
106.958 106.960 106.962		Thermocouple extension cable with plug and connection 2 m 4 m 10 m KSR DIGITAL,
111.331		Controller/extension cable 5 m > KSR DIGITAL > DSE