

# BLIND TEMPERATURE CONTROLLERS ——— C48S, ELEKTRA II, C961



C48S



ELEKTRA II



C961

- Ranges covering 0 to 1200 °C
- Inputs : J, K thermocouples, Pt100
- Time-proportioning or ONOFF control
- 5-LED solid state deviation indicator

MODEL	DEVIATION INDICATOR	SIZE (mm)	MOUNTING
C48S	Solid state, 5 LED	48x48x100	Panel, 44x44 mm cutout
C48S	Solid state, 5 LED	48x48x110	DIN Rail, 11-pin socket
ELEKTRA II	Solid state, 5 LED	72x72x113	Panel, 68x68 mm cutout
C961	Solid state, 5 LED	96x96x120	Panel, 92x92 mm cutout

## SPECIFICATIONS

<b>Input</b>	See Table 1	<b>Proportional cycle time</b>	25 sec
<b>Range</b>	See Table 1	<b>Output</b>	1 x relay changeover contacts (NO-C-NC)
<b>Resolution</b>	See Table 1	<b>Relay contact rating</b>	6A/230 V AC, resistive
<b>Setting accuracy</b>	± 1% of full scale	<b>Operating ambient temperature</b>	5~45 °C
<b>Control accuracy (ONOFF)</b>	± 1% of full scale	<b>Supply Voltage</b>	230 V AC ± 10%, 50 hz
<b>Proportional band</b>	± 3 °C centred at set point		

TABLE 1

SENSOR	RANGE (°C)	SCALE RESOLUTION (°C)
Iron / Constantan (J)	0 to 400	5
Chromel / Alumel (K)	0 to 1200	15
Pt100	0 to 400	5

Note : Non-standard ranges can be supplied. Minimum order quantity applies.

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