

Product SPECIFICATION SHEET

ECOLITE TEMPERATURE CONTROLLERS

ECOLITE-4-3-2R
ECOLITE-4-5-2R
ECOLITE-4-6-2R

FEATURES	DESCRIPTIONS
Physical Features	
Dimensions	48mm x 48mm x 86.5mm
Protection Class	IP65 (front); IP20 (rear)
Installation	Fixed installation
Storage / Operating Temperature	0°C - 50°C
Storage / Operating Humidity	90% max (non-condensing)
Electrical Features	
Supply Voltage and power	100-240Vac 50/60Hz
	115Vac (±15%) 50/60Hz
	24Vac/dc (±15%) 50/60Hz
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	10-30Vdc
Sensor Inputs	TC. RTD
	Thermocouple (TC) J.K.R.S.T and L (IEC584) (ITS90)
	Thermal resistance (RTD): Cu-50 and PT-100 (IEC751) (ITS90)
Scale	Fe CuNi -199°C...900°C / -19,9°C...99.9°C
	Ni CrNi -199°C...999°C / -19,9°C...99.9°C
	PT13%RhPt 0°C...999°C / 0,0°C...99.9°C
	PT10%RhPt 0°C...999°C / 0,0°C...99.9°C
	Cu,CuNi -199°C...400°C / -19,9°C...99.9°C
	Ni CrNo -150°C...800°C / -19,9°C...99.9°C
	Cu50 -199°C...200°C / -19,9°C...99.9°C
	PT100 -199°C...650°C / -19,9°C...99.9°C
Accuracy	Scale ± 0.25%
Output	
Relay Output	Relay (5A@250Vac at Resistive Load)
Control	
Control Form	On/Off
Reading Frequency	0.1 second
Approvals	CE



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