

- Various sizes available 1/16DIN, 1/8 DIN, 1/32 DIN
- Various temperature inputs: Thermo-couple, platinum resistance thermometer, non-contact temperature sensor and analog inputs
- 7-segment digital display with present value and set value
- Self-tuning and auto-tuning function
- 2-PID and ON/OFF control mode
- Water resistant construction (NEMA4X: equivalent to IP66)
- Conforms to **UL** and **CSA** safety standard
- Meet European standards, **CE** marked

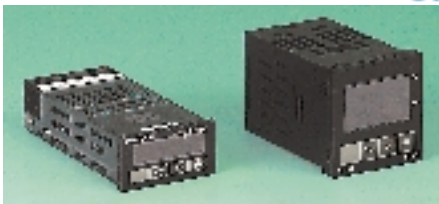
Supply voltage: 100-240V ac.
 Sensor input: Thermocouple: K, J, T, E, L, U, N, R, S, B
 Platinum resistance: Pt100, JPt100
 Non-contact sensor: K10°C to +70°C, K60°C to +120°C,
 K115°C to 165°C, K160°C to +260°C
 Voltage input: 0 to 50mV
 Control output: Relay, SPST-NO, 5@250V ac resistive load
 Alarm output: SPST-NO, 3A @ 250Vac, resistive load
 Ambient temperature: -10°C to +55°C

Thermocouple model	Platinum Resistance Thermometer		No. of Alarms	Output	Size	Input Voltage
	Model	Model				
	E5CN-R2MP-500		2	Relay	1/16 DIN	100-200Vac
	E5CN-RMP-500		-	Relay	1/16 DIN	100-200Vac
E5CN-Q2MTC-500			2	Voltage	1/16 DIN	100-200Vac
E5CN-RMTC-500			-	Relay	1/16 DIN	100-200Vac
E5CN-R2MTC-500			2	Relay	1/16 DIN	24Vac/dc
E5CN-R2MTC-500			2	Relay	1/8 DIN	100-200Vac
E5EN-R3MTC-500			3	Relay	1/8 DIN	100-200VAC
E5EN-Q3MTC-500			3	Voltage	1/8 DIN	100-200Vac
	E5EN-R3MP-500		3	Relay	1/8 DIN	100-200VAC
	E5EN-Q3MP-500		3	Voltage	1/8 DIN	100-200Vac
E5GN-Q1TC			1	Voltage	1/8 DIN	100-200Vac
E5GN-R1TC			1	Relay	1/32 DIN	100-200Vac
	E5GN-R1P		1	Relay	1/32 DIN	24Vac/dc
	E5GN-Q1P		1	Voltage	1/32 DIN	24Vac/dc

PLC219/SI

Mfrs. List No.	Order Code	Price Each		
		1+	5+	10+
E5CN-R2MP-500 AC100-240	309-7316			
E5CN-RMP-500 AC100-240	357-9517			
E5CN-Q2MTC-500 AC100-240	309-7304			
E5CN-RMTC-500 AC100-240	357-9529			
E5CN-R2MT-500 24VAC/DC	358-3922			
E5CN-R2MTC-500 AC100-240	309-7298			
E5EN-R3MTC-500 AC100-240	322-5290			
E5EN-Q3MTC-500 AC100-240	322-5306			
E5EN-R3MP-500 AC100-240	322-5320			
E5EN-Q3MP-500 AC100-240	322-5331			
E5GN-Q1TC AC100-240	309-7341			
E5GN-R1TC AC100-240	309-7330			
E5GN-R1P 24V AC/DC	358-3934			
E5GN-Q1P 24V AC/DC	358-3946			

Multirange Digital, On/Off or PID Control



E5GN H = 24, W = 48, D = 100
 E5GN H = 48, W = 48, D = 78
 E5EN (not shown) H = 96, W = 48, D = 78

- Dual display in all three sizes, 1/8, 1/4 and 1/2 DIN formats of both process and set values
- 2 - PID and ON/OFF control methods
- Auto tune on demand or adaptive self tuning options
- Heat, cool or heat/cool control strategies
- TC/RTD/non contact temperature sensor and analogue inputs
- Relay, pulse voltage or linear current (E5EN) output options
- Meets European standards, **CE** marked
- Password protection for high level menus
- RS485 communications versions available
- RS232 communications in E5EN versions
- Up to 3 independent alarm outputs



Supply Voltage: 100/240 V ac (50/60Hz) or 24V ac/dc
 Inputs: RTD PT100/JPT100
 Thermocouple K/J/T/E/L/U/N/R/S/B TYPES
 Non contact temp. sensor 10-70°C/60-120°C/115-165°C/160-260°
 Display High clarity backlight 3 colour LCD
 Control output Relay, 3A 250Vac (E5CN/E5GN), 5A 250Vac (E5EN)
 Pulse voltage 12Vdc 21mA (PNP)
 Linear current 4 to 20mA resolution 2,600 (E5EN)
 Alarm output Relay, 1A 250V ac (E5CN/E5GN), 3A 250V ac
 Ambient temp. Protection Operating -10 to 55°C, Storage -25°C to 65°C
IP66 NEMA 4 (indoor use) front fascia

Output	Input			Order Code
	TC/Non contact temp. sensor	Analogue	PT100	
E5CN - 2 alarm outputs				
Relay	✓	✓	-	309-7298
Voltage	✓	✓	-	309-7304
Relay	-	-	✓	309-7316
Voltage	-	-	✓	309-7328
E5GN - 1 alarm output				
Relay	✓	✓	-	309-7330
Voltage	✓	✓	-	309-7341
Relay	-	-	✓	309-7353
Voltage	-	-	✓	309-7356
E5EN - RS485 Comms				
Relay	✓	✓	-	309-7377
Voltage	✓	✓	-	309-7389
Relay	-	-	✓	309-7390
Voltage	-	-	✓	309-7407
E5EN - 100/240Vac, up to 3 alarm outputs				
Relay	✓	✓	-	322-5290
Voltage	✓	✓	-	322-5306
Current	✓	✓	-	322-5318
Relay	-	-	✓	322-5320
Voltage	-	-	✓	322-5331
Current	-	-	✓	322-5343
E5EN - 240V ac/dc up to 3 alarm outputs				
Relay	✓	✓	-	322-5367
Voltage	✓	✓	-	322-5379
Current	✓	✓	-	322-5380
Relay	-	-	✓	322-5392
Voltage	-	-	✓	322-5409
Current	-	-	✓	322-5410

PLC203
PLC203.b

Mfrs. List No.	Order Code	Price Each		
		1+	5+	10+
E5CN - 2 alarm outputs				
E5CN-R2MTC-500	309-7298			
E5CN-Q2MTC-500	309-7304			
E5CN-R2MP-500	309-7316			
E5CN-Q2MP-500	309-7328			
E5GN - 1 alarm output				
E5GN-RITC	309-7330			
E5GN-Q1TC	309-7341			
E5GN-R1P	309-7353			
E5GN-Q1P	309-7365			
E5GN - RS485 comms.				
E5GN-R03TC	309-7377			
E5GN-Q03TC	309-7389			
E5GN-R03P	309-7390			
E5GN-Q03P	309-7407			
E5EN - 100/240Vac				
E5EN-R3MTC-500	322-5290			
E5EN-Q3MTC-500	322-5306			
E5EN-C3MTC-500	322-5318			
E5EN-R3MP-500	322-5320			
E5EN-Q3MP-500	322-5331			
E5EN-C3MP-500	322-5343			
E5EN - 24Vac/dc				
E5EN-R3MTC-500	322-5367			
E5EN-Q3MTC-500	322-5379			
E5EN-C3MTC-500	322-5380			
E5EN-R3MP-500	322-5392			
E5EN-Q3MP-500	322-5409			
E5EN-C3MP-500	322-5410			
E5EN Accessories				
RS232 Comms E53-AK01	322-5495			
RS485 Comms E53-AK03	322-5501			
Event input card E53-AKB	322-5513			
Current Transformer, 5.8∅	E54-CT1	322-5525		
Current Transformer, 12.0∅	E54-CT3	322-5537		
E5CN Accessories				
Event input card - E53-CNHB	309-7420			
Comms. card - E53-CNHO3	309-7432			
Terminal cover - E53-COV10	309-7444			

Continued

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If you prefer, you can fax your orders and data requests to us using the fax form at the back of the Farnell catalogue.