

Loop Powered Trip Amplifiers



H = 60, W = 21, D = 60

- Small size/high packing density, 21mm wide
- Relays rated at 2A @ 250V ac
- LED trip indicator
- Can be mounted on 35mm top hat DIN rail

Single Trip Amplifier - Loop Powered

- 4 - 20mA input, single 2A @ 250Vac relay output
- 5V loop drop

Dual Trip Amplifier - Loop Powered

- 4 - 20mA input, dual 2A @ 250Vac relay outputs
- 5V loop drop



PLC160

	Mfrs. List No.	Order Code	Price Each			
			1+	5+	10+	25+
Single Trip Amplifier	SEM1401	898-119				
Dual Trip Amplifier	SEM1402	898-120				

Power Supply - DIN Rail Mounting



- Small size/high packing density, 21mm wide
- Universal input supply
- No vents
- Cool running
- CE marked
- Ideal for signal isolators

H = 60, W = 21, D = 60

Input voltage 90-253Vac 50/60Hz
Output voltage 24V dc, 250mA (regulated)
Approvals/Certification EA55022
IEC801-2-3-4



PLC158

	Mfrs. List No.	Order Code	Price Each			
			1+	5+	10+	25+
Power Supply	SEM1300	898-132				

Mains Powered Isolating Converter



- Accepts process signals, isolates them electrically and converts them to any other process signal
- Powers both loops
- Compact size
- CE approved
- High accuracy 0.05%
- 3 port galvanic isolation
- Accepts powered or unpowered input signals



H = 82, W = 22, D = 100

Input 4-20mA, 0-20mA, 0-100mV, 0-1V, 0-5V, 0-10V
Output 4-20mA, 0-20mA, 0-1V, 0-5V, 0-10V
Loop supply 25V @ 25mA
Supply 90-253V ac 50/60Hz
Isolation (Input/Output) 500Vdc (Flash tested @ 3kV)
Approvals BSEN50081, BSEN50082, BSEN61010-1

PLC175

	Mfrs. List No.	Order Code	Price Each			
			1+	5+	10+	25+
SEM1100-S1		930-751				

PT100, Thermocouple, mV & Slidewire to 4-20mA Smart Converter



- Accept temperature sensor, slidewire or mV signal and convert the output to 4-20mA
- Sensor type and range can easily be programmed by windows based software or DIP switches at the back of the unit
- Galvanically isolated
- CE marked
- Can be mounted on 35mm top hat DIN rail



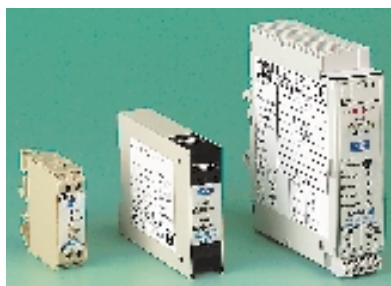
H = 99.5, W = 18.25, D = 90

Output 4-20mA (loop powered)
Loop supply 10-35Vdc (reverse polarity protected)
Input PT100: -200 to +850°C (18-390Ω)
Thermocouple: J,K,T,R,S,E,F & N
mV: -10 to 75mV
Slidewire: 3 wire potentiometer (10Ω to 390Ω)
Approvals EN50081-1, EN50082-2
Operating temperature -40 to 85°C
Programming Kit Windows based, 3.1 95 NT
Kit content: PSU, configurator, software disk all supplied in compact case

PLC78

	Mfrs. List No.	Order Code	Price Each			
			1+	5+	10+	25+
Converter	SEM 215	161-834				
Programming Kit	RCPW	161-846.				

Trip Amplifiers



- Ultra compact
- Configurable trip action
- Setpoints available as voltage signal or LED display
- LED indication of alarm status
- Low cost solution
- 4-20mA inputs

Type	Supply	Dimensions	Mfrs. List No.	Order Code
Single Trip	Loop powered	H = 58, W = 18, D = 63	20ALMDC-A-XXX-8	309-2549
Dual Trip	24Vac/dc	H = 75, W = 22.5, D = 104.5	2002ALMHL-A-XXX-6	309-2550
Dual Trip	230Vac	H = 140, W = 33, D = 125	4002ALMHL-A-XXX-4	309-2562

PLC194

	Order Code	Price Each			
		1+	5+	10+	25+
Loop Powered	309-2549				
24Vac/dc	309-2550				
230Vac	309-2562				

Loop Powered Isolators



420 - H = 58, W = 18, D = 63
TC - HEAD H = 25, Dia. = 43

- RFI protection on input/output isolation
- High accuracy and noise immunity
- Voltage, current and thermocouple (TC) inputs
- Standard DIN rail and In-head versions
- Simple 2 wire connection
- Output (420TW) and input (420I) loop powered
- 1KV isolation
- Low cost solution

PLC190

Mfrs. List No.	Order Code	Price Each			
		1+	5+	10+	25+
420I-AA-XX8	309-2574				
420TWHL-AA-XX8	309-2586				
TCHEAD-JA-XX8	309-2598				

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