

J1 / J3

- J1: 5 DIGIT INDICATOR WITH 2 ALARMS
- J3: 5 DIGIT INDICATOR WITH 2 INPUTS AND 4 ALARMS



FEATURES		
DISPLAY	J1	J3
Single	5 digit programmable as red or green, h 15.5 mm	
INPUTS		
Main input (IN1)	Thermocouples: LJ (0... +600°C / 32... +1112°F), T (-200... +400°C / -328... +752°F), K (0... +1200°C / 32... +2192°F), S/R (0... +1600°C / 32... 2912°F) B (0... +1800°C / 32... 3272°F), N (0... +1200°C / 32... 2192°F), E (0... +600°C / 32... +1112°F), Ni-NiMo (0... +1100°C / 32... +2012°F), W3/W5 (0... +2000°C / 32... 3632°F) Thermoresistances: PT100 (-200... +600°C / -328... +1112°F) Linear signals: 0/10... 50 mV; 0/4...20 mA (shunt) Infrared sensors or special ranges (custom)	
Auxiliary input (IN2)	--	0/4...20 mA o 0/1...5 V, 0...10 V
Digital inputs	3, logic type not isolated	
Accuracy	0.25% ±1 digit (thermoelements) or 0.1% ±1 digit (for mA and mV)	
OUTPUTS		
Up to 2 (J1) Up to 5 (J3)	OUT 1: Relay SPDT 2A/250Vac (4A/120Vac) for resistive loads OUT 2: Relay NO 2A/250Vac (4A/120Vac) for resistive loads	OUT 1: Relay SPDT 2A/250Vac (4A/120Vac) for resistive loads OUT 2 and OUT 3: Relay NO 2A/250Vac (4A/120Vac) for resistive loads OUT 4: Logic not isolated 0/5 Vdc ±10% 30mA max. or Relay NO, 2A/250Vac (4A/120Vac) for resistive loads OUT 5: 0/4...20 mA for inputs retransmission
Auxiliary power supply	24 Vdc (±20%)/30 mA max. for external transmitter	
Outputs configuration	2, programmable as alarm	4, programmable as alarm
FUNCTIONAL		
Special functions	Quick Setup using numerical code, "ISA A" Alarm acknowledge sequence, Displaying max. and min. values, Display locked / timed, Peaks and valleys, Dedicated key for alarms recognition, Sensor break, Alarms acknowledgement (latching), Inhibition at power-on, OR function	Quick Setup using numerical code, "ISA A" Alarm acknowledge sequence, Displaying IN1, IN2, CIN (conditioned input), Displaying max. and min. values, Display locked / timed, Peaks and valleys, Dedicated key for alarms recognition, Sensor break, Alarms acknowledgement (latching), Inhibition at power-on, OR function
Update measurement time	0.7 sec	
Sampling rate	1.5 sec	
Signal retransmission	--	Measurement
Serial communication	RS485 with Modbus RTU protocol	
Baud rate	1200, 2400, 4800, 9600 baud	
GENERAL		
Power supply	100...240Vac (-15...+10%) or 24Vac (-25...+12%) or 24Vdc (-15...+25%) (50/60 Hz)	
Power consumption	5 VA approx.	
Dimensions / Weight	96 x 48 mm (1/8 DIN), depth 110 mm / 250 g approx.	
Mounting	Flush in panel in 92 x 45 mm hole	
Connections	Screw terminal block M3 for cables with section 1 mm² (18AWG)	
Front protection degree	IP65	
Operating / storage temperature	0... 50°C (32... 122°F) / -30... 70°C (-22... 158°F)	
Operating humidity	5... 95% RH without condensation	
Conformity	EN61010-1 (IEC1010-1)	



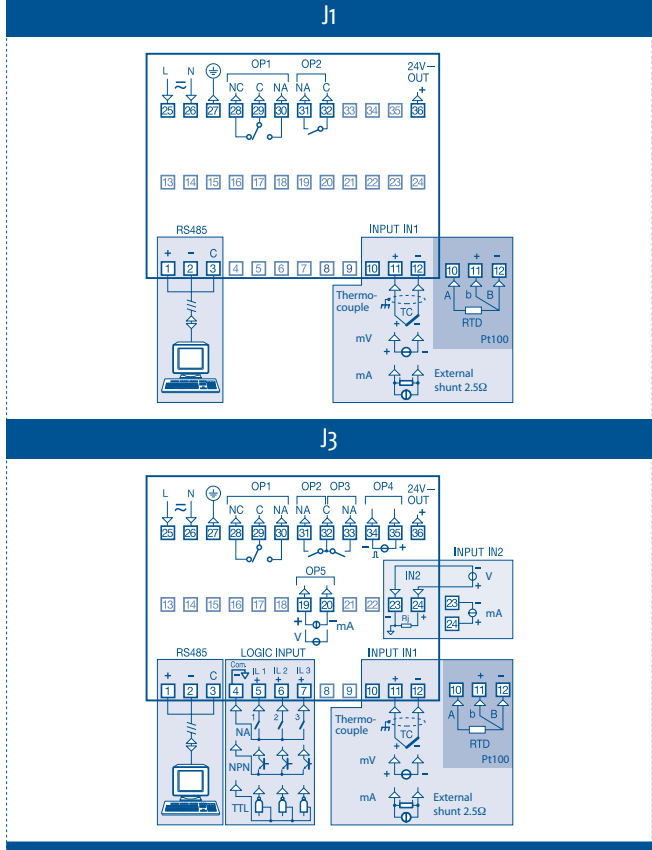
EVERYTHING UNDER CONTROL

HOW TO ORDER

To compose the part number, pls. choose one of the option for each variable

J1/J3	CODE
POWER SUPPLY	
100... 240 Vac	3
24 VacVdc	5
OUT 1, OUT 2, OUT 3 AND OUT 4	
Not available	0
Relay-Relay-Relay-SSR (J3 only)	1
Relay-Relay	7
Relé-relé-relé-relé (J3 only)	9
SERIAL COMMUNICATION	
Not available	0
RS485	5
SPECIAL FUNCTIONS	
Not available	0
OUT 5 retransmission (J3 only)	1
Input IN2 (J3 only)	2
OUT 5 retransmission + IN2 (Solo J3)	5
SPECIAL FUNCTIONS	
Not available	0
INSTRUCTION MANUAL	
Italian/English	0
Not available	9
FRONT FRAME COLOUR	
Dark grey (std)	0
Dark grey shunt 0.1%	2
SPECIAL EXECUTION	
Not available	0
Conformal coating	3

CONNECTIONS



DIMENSIONS

