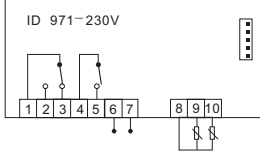




Temp. Controllers & Heaters

Digital Temperature Controllers

Detailed product specifications are available on: us.100y.com.tw



TECHNICAL DATA

Frontal panel protection: Ip65.
 Casing: plastic body in resin type
 PC+ABS UL94 V-0, inspection window in polycarbonate,
 buttons in thermoplastic resin.
 Dimensions: frontal panel 74x32 mm, depth 60 mm.
 Installation: on panel, with drilling tem-plate 71x29 mm
 (+0.2/-0.1 mm).

Use temperature: -5...55 °C.
 Storage temperature: -30...85 °C.
 Use environment humidity: 10...90 % RH(not condensing).
 Storage environment humidity: 10...90% RH(not condensing).
 Measuring range: from -50 to 140 °C.
 Power supply: 12 Va/cor 230Va.

Part No.	Product No.	Manufacturer	Description	Output term	Voltage
36150	ID971-230V	Eliwell	Digital Indicating Controller	Relay	230V



SPECIFICATION & CHARACTERISTIC

Power supply: 90~265 VAC 50/60Hz
 Power consumption: 5VA max.
 Sensor input: K/J/PT-100Ω selectable
 Operating circumstance: -20oC~75oC: 25%~85%RH

Display accuracy: ±0.1% of FS+1 digit
 Cycle time: 0~99 sec
 Input shift: -99~+99
 Insulation resistance: Over 50MΩ/500VDC

Part No.	Product No.	Manufacturer	Description	Output term	Voltage	Ctrl Temp. Rang_°C	thermoscope
32141	MT-48-R	FOTEK	PID+Fuzzy Temperature Controllers	RELAY Output	90~265VAC	0~400°C	K/J/PT
44812	MT-4896-R	FOTEK	Relay Oouput, K/J/PT Input	RELAY Output	90~265VAC	0~400°C	K/J/PT
44887	MT-4896-V	FOTEK	Digital Temperature Controllers	VOLTAGE PULSE OUTPUT	90~265VAC	0~400°C	K/J/PT
40089	MT-72-V	FOTEK	PID+Fuzzy Temperature Controllers	Voltage Pulse Oouput	90~265VAC		K/J/PT



CE authentication: (LDV: D/N EN61010-1

EMC: EN55 022 1994/A1: 1995/A2: 1997

EN61 000-3-2: 1995/-3-3: 1995,

EN61 000-4-2: 1995/-4-3: 1996/4-5: 1995/-4-6

1996/-4-8: 1993/-4-11: 1996/EN 50 204: 1995

Part No.	Product No.	Description	Output term	Voltage	Ctrl Temp. Rang_°C	thermoscope
17385	PID-48-301000	Digital Temperature Controllers	4~20mA	85~265VAC	0.0~400.0	PT-100
10990	PID-48-Relay-K	Digital Temperature Controllers	RELAY Output	85~265VAC	0~400	K-TYPE
24653	PID-48-SSR-K	Digital Temperature Controllers	SSR	85~265VAC	0~400	K-TYPE
13210	PID-48-SSR-PT-100	Digital Indicating Controller	SSR Oouput	85~265VAC	0~400	PT-100
47995	PID-48-SSR-PT-100	Digital Indicating Controller	SSR Oouput	85~265VAC	0~400	PT-100
18743	PID-48-SSR-T	Digital Temperature Controllers	SSR OUTPUT	85~265VAC	0~400	T-TYPE
13281	PID-48-linearity	Digital Indicating Controller-SP0109034003	0~10V OUTPUT	85~265VAC/60HZ	0~400	INPUT (4~20mA)
10287	PID-486H-Relay-K	Digital Temperature Controllers	AC85~265V/0~20mA(Max:800 OHM)	20mA/20VDC		K-Type
23488	PID-486H-Relay-PT	Digital Temperature Controllers	AC85~265V/0~20mA(Max:800 OHM)	20mA/20VDC		PT-Type
14726	PID-486H-Relay-R	Digital Temperature Controllers	Relay	85~265VAC 8VA(110V)/12VA(220V)	1:0-1600°C/0-2912°F ?2:0-1769? /0-3216?	R-Type
15061	PID-486H-Relay-T	Digital Temperature Controllers	Heating, Quench + Relay	85~265VAC 8VA(110V)/12VA(220V)	1:0-1600? /0-2912? ?2:0-1769? /0-3216?	T-Type



DISPLAY

Two 4-digit LED display: PV (red) and SV (green)

KEYBOARD

Five buttons: SET, A/M, UP, DOWN, SHIFT
 There are no A/M key in PID-48 and PID-28 models

INPUT TYPE

RTD, TC (J, K, R, S, T,), mV selectable by the keyboard

MEASURE RANGE

Multi range and pre-scalable

SUPPLY VOLTAGE

Switch mode power supply: 85. . . 265VAC

OUTPUT

Up to 2 control output: relay, VDC, 4~20mA, motor control
 Up to 2 alarm ouput
 RS485 interface (optional)
 Retransmission output (optional)

Part No.	Product No.	Description	Output term	Voltage
23429	PID-96-SSR	Digital Temperature Controllers	SSR	AC85~265V/0~20mA(max.load 800 OHM) 20VDC

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