

DC Current CONTROLLER/MONITOR

Model : PDA-6071

ISO-9001, CE, IEC1010



Lutron

LUTRON ELECTRONIC

The Art of Measurement

DC Current CONTROLLER/MONITOR

Model : PDA-6071

FEATURES

* Professional DC current meter with standard DIN case (96 x 48 mm) and Control/Alarm function.
* Microprocessor circuit ensures high accuracy and provide special functions and features.
* Large red LED display, high brightness and easy to read.
* Input ranges : DCV : 199.9 uA to 10 A, 6 ranges.
* Control setting, Hi/Lo alarm setting.
* Control relay output, alarm relay output.
* Control Relay will make action when the reading value reach to control value.
* Alarm Relay will make action when the reading value reach to high/low alarm value.
* Hysteresis value setting for control and alarm function.
* Power : 90 DCV to 264 DCV, 50/60 Hz.
* RS232/USB computer interface.
* Option data acquisition software.

GENERAL SPECIFICATIONS

Display	Large LED display. 4 digit LED . 14 mm (0.55 inch) digit height . 7 indicators . PV (process value) indicator SV (set value) indicator Control out indicator Alarm out indicator uA indicator mA indicator A indicator	
Circuit	Custom chip of microprocessor LSI circuit.	
DCV measurement ranges	6 ranges : 199.9 uA/2 mA/20 mA/200 mA/2A/10A	
Sampling Time	Approx. 0.8 second.	
Relay Output	Number	2 relays
	Function	<i>Relay 1 :</i> Control relay. <i>Relay 2 :</i> High/Low alarm relay.
	Max load	0.5 ACA/250 DCV 0.5 DCA/24 DCV * Do not apply the relay contact load current > 0.5 A, other wise the relay may be damaged permanently without warranty.



Setting Function	<i>1st layer setting procedures</i>	CtLo (Control low limit) CtHi (Control high limit) ALLo (Alarm low limit) ALHi (Alarm high limit)
	<i>Second layer setting procedures</i>	A_PS (Current range setting) CtHy (Control hysteresis value setting) ALHy (Alarm hysteresis value setting)
Over input	" - - - - " mark indication.	
Zero Adjustment	Automatic adjustment.	
Data Output	RS232 / USB PC Computer interface. * Connect the optional RS232 cable , UPCB - 02 will get the RS232 plug. * Connect the optional USB cable, USB - 01 will get the USB plug.	
Operating Temperature	0 to 50 °C .	
Operating Humidity	Less than 80% R.H.	
Power Supply	90 to 260 DCV, 50/60 Hz.	
Power Consumption	Approx. 3.3 VA/AC 110V. Approx. 4.9 VA/AC 220V. * <i>Under no load</i>	
Weight	261 g/ 0.57 LB.	
Dimension	DIN size : 96 x 48 mm. Panel cut size : 92 x 46 mm. Depth : 110 mm.	
Accessories Included	Instruction manual..... 1 PC Case holder with screw..... 2 PCs	
Optional Accessories	USB cable , USB - 01 RS232 cable , UPCB - 02 Data acquisition software, SW-U801-WIN. Excel data acquisition software, SW-E802. * Real time SD card datalogger DL-9602SD * GSM controller, GSM-889. * Interface cable (cable between meter to GSM-889), GMCB-89.	

ELECTRICAL SPECIFICATIONS

Range	199.9 uA/2 mA/20 mA/200 mA/2A/10A
Resolution	0.1 uA/0.001 mA/0.01 mA/0.1 mA/1 mA/ 10 mA
Accuracy	± (0.5 % + 5d) reading.
<i>Remark :</i> * <i>Measuring Signal come from the rear terminals .</i> * <i>Fuse protection :</i> <i>2 A Fuse (200 uA, 2 mA, 20 mA, 200 mA, 2 A range).</i> <i>10 A Fuse (10 A range).</i> * <i>Accuracy value is specified within 23°C ± 5°C</i>	

* Appearance and specifications listed in this brochure are subject to change without notice.