**PROGRAMMABLE DIGITAL TIMERS MODEL 862**

( 96*96, Cyclic type )

( 96*96, Multi functional )

( 72*72, 0.5" display )
Yellow in spec803
( Din rail type )

### Introduction

Pantech's Digital Timers, model 862, are designed to set time delays in the process. Microprocessor electronic circuit designs this particular unit.

The instrument displays time parameter as a virtue of 4/5/6/7/8 digit display as required by the user. One can set time through front keys. It can be field programmed in three modes:

1)Sequential Timer: Single cycle & Multicycle (Programmable)
2)ON – OFF Timer: Single cycle & Multicycle (Programmable)
3)ON Delay Timer

The instrument available in 48*48*100 mm, panel mounted (H*W*D) is equipped with max. 2 nos. of independent channels, and gives a potential free contact output for both channels. Another version is 96*96*150mm which is equipped with max. 8 nos. of independent channels and gives open collector output.

The Digital Timers are available in panel mounting and DIN rail mounting versions.

The instrument incorporates low drift integrated circuits and industrial grade components for long trouble free operation. Burn in of each module ensures long trouble free operation.

### Specifications

**Input**
1)Potential free contact input
2)Front keys
3)Internal TIMER
4)Specials

**Power supply**
1)24 V DC
2)110 V AC, 50 Hz, +/- 10%
3)230 V AC, 50 Hz, +/- 10%
4)90-270 V AC – SMPS type
5)Specials

**Operating mode**
1)Sequential Timer: Single cycle & Multicycle
2)ON – OFF Timer: Single cycle & Multicycle
3)ON Delay Timer
4)Specials

**Power consumption**
3 VA max.

**Ambient temperature**
0 – 50 C.

**Storage temperature**
0 – 70 C.

**Output**
Potential free contact/ Open collector o/p.

**Humidity**
90% RH (non-condensing)

**Output accuracy**
+/- 0.1% through full span

**Mounting**
Panel / Wall / Field / Dinrail / Eurocard

**Transmitter power**
24 V DC for current inputs

**Dimensions**
96*96 / 96*48 / 72*72 / 48 * 48 / 72*144 / **SPECIALS**

| Model | Mounting & Dimension in mm (H * W * D) | | Inputs | Power | Output option | | No. of channels | Display resolution | Display size |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | Potential Free | Open collector | | | |
| 862 | Panel | 48*48*150 | Contact | All | No | Yes | 2 nos. | 4 digit | ¼" size |
| | | 96*96*150 | Contact | All | Yes | Yes | 8 nos. | 4 digit | ½" size |
| | DIN rail | 75*45*110 | Contact | All | Yes | Yes | 8 nos. | 4 digit | ¼" size |

## Ordering Information
Please confirm the availability of the model by cross checking the table mentioned on the backside.

**Basic Model No.** (Specified by first 3 digits)
862 -Digital Timer

**Mounting** (Specified by letter following 3 digits)
P-Weatherproof - Panel
W-Weatherproof - Wall
F-Flameproof - Wall / field
I-IP65 grade – wall / field
S-Specials

**Input** (Specified by first digit following the letter)
1-Remote contact
2-Remote pulse
3-Through front keys
S-Specials

**Power option** (Specified by the second digit)
1-24 V DC
2-110 V AC
3-230 V AC
4-90-270 V AC – SMPS
S -Specials

**Output option** (Specified by the third digit)
0-None
1-Potential free
2-Open collector output

**Alarms Option** (Specified by the third digit)
0-None
1-1 no. of alarm
2-2 no. of alarms
3-3 no. of alarms
4-4 no. of alarms
N-N no.of alarms

**Type option** (Specified by the sixth digit)
1-ON delay timer
2-Sequential timer
3-ON – OFF timer
S-Specials

**PANTECH INSTRUMENTS**