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2066 Timer and 2067 Clock

- **Display hours, minutes and seconds**
- **Timer and clock displays for industrial applications**
- **Start and stop via external contact for timer**
- **Clock function (2067)**
- **Display colour red or green**
- **Front panel protection IP65**
- **Power supply 85..240 VAC or 12..32 VDC/ 24 VAC**

The panelmeter **2066** is designed for industrial timing. A typical application is heat treatment in metal industry. The timing starts when the furnace door is closed or the required temperature is reached.

The standard panelmeter 2066 measures time in seconds, minutes and hours. Timing is started by closing contact and stopped by opening contact. Time counting can be continued by closing the contact again. The display indicates the elapsed time. Reset of the display can be done via external contact. The maximum time on the display is 99 hours 59 minutes and 59 seconds and the hours, minutes and seconds are separated by full stops. As an option, fractions of seconds 0.1 and 0.01 are also available for fast measurements.

The model **2067** is designed for clock function displaying the time of day. Hours, minutes and seconds are separated by full stops on the display.

The panelmeter series 2000 is very flexible and easy to modify by changing input cards for different kinds of sensors such as temperature sensors, pulse sensors, serial inputs etc. The modification does not require any calibration. The optional cards are the same for all the instruments in the product family. Each panelmeter type has its own datasheet.

Separate field enclosures can be supplied for 1 to 3 panelmeters. The 2066 and 2067 are also available in the field display series, models 2800-2066 and 2800-2067.

Technical specifications:

2066 Timer display: 99.59.59 (h/min/s)
Timing is controlled by Start/ Stop contacts.
Reset returns the value 00.00.00 onto the display.

2067 Clock display: 23.59.59 (h/min/s)

General:

Display	6-digit, bright red (or green) LED, brightness selectable
Digit height	14.5 mm
Resolution	1 second
Operating temp.	-10..+60 °C
Terminals	removable, wire 2,5 mm²
Power supply	85..240 VAC or 12..32 VDC/ 24 VAC
Case material	plastic, colour black
Front panel protection	IP65 with a rubber gasket
Weight	240 g

How to order: **2066-24VDC**
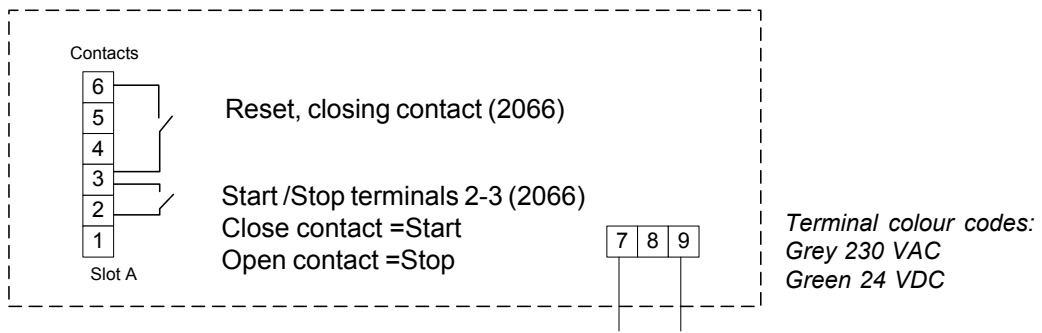
Type 2066
or type 2067
Power supply
12..32 VDC/ 24 VAC
or 85..240 VAC

The panelmeters are also available with a green LED display: please specify 2066GR or 2067GR in the order code.
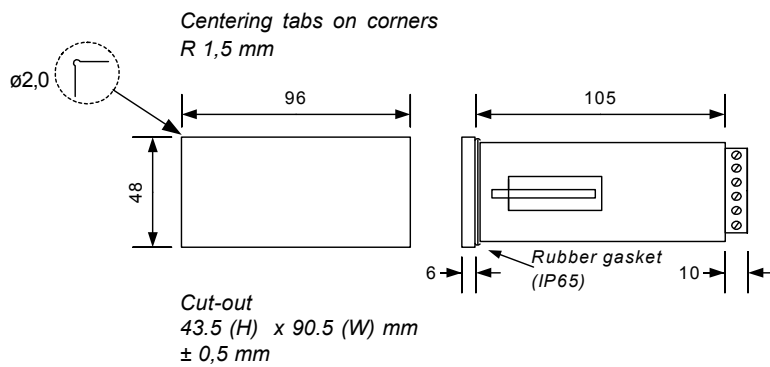
Connections

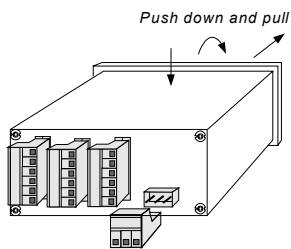*External contacts are only for model 2066*

Contacts

| 6 |
| 5 |
| 4 |
| 3 |
| 2 |
| 1 |

Slot A

Reset, closing contact (2066)

Start /Stop terminals 2-3 (2066)
Close contact =Start
Open contact =Stop

| 7 | 8 | 9 |

Terminal colour codes:
Grey 230 VAC
Green 24 VDC

Slot A is for input card, slots B
and C for optional cards.

Power supply 85..230 VAC
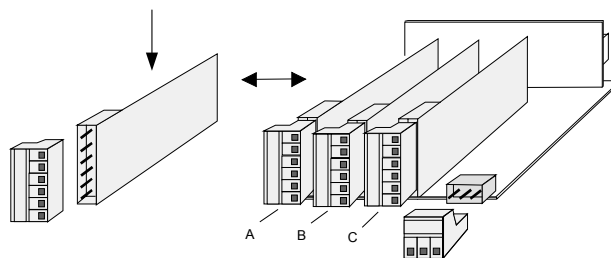*or 12..32 VDC/ 24 VAC*
No Polarity

Dimensions (mm)

Centering tabs on corners
R 1,5 mm

ø2,0

96

48

Cut-out
43.5 (H) x 90.5 (W) mm
± 0,5 mm

105

Rubber gasket
(IP65)

6

10

Removing the unit from its case

Push down and pull

Panelmeter Series 2000

Changing cards is fast and simple
without any tools

A B C

Removable
terminals
2,5 mm²