

OMRON®

Model H2C

MOTOR TIMER



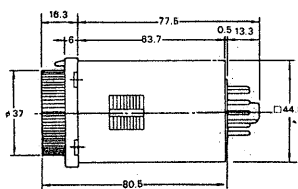
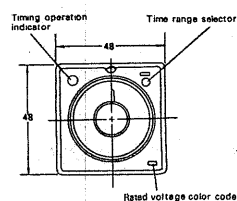
OMRON TATEISI ELECTRONICS CO. Printed in Japan

■ AVAILABLE TYPES

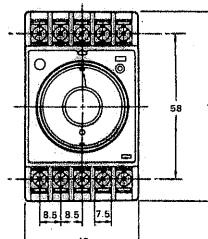
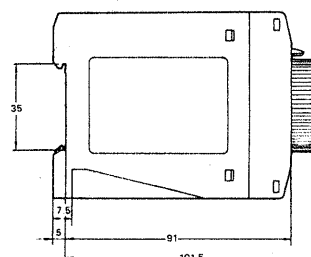
| Operation/resetting system | | Time-limit operation/self-resetting | | Time-limit operation/self-resetting | | Time-limit operation/electric resetting | |
|---|------------------|--------------------------------------|-------------|-------------------------------------|-------------|---|-----------------------------|
| Internal connection | | Separate motor and clutch connection | | | | Parallel motor and clutch connection | |
| Terminal form | | 11-pin round socket | Front screw | 11-pin round socket | Front screw | 8-pin round socket | |
| Time-limit contact | | SPDT | | SPDT | | SPDT | |
| Instantaneous contact | | SPDT | | SPDT | | SPDT | |
| Equipped with timing operation indicator & moving pointer | Surface mounting | H2C | H2C-F | H2C-R | H2C-FR | H2C-8 | H2C-8R |
| | Track mounting | — | | — | | — | |
| | Flush mounting | H2C with Y92F-30 adapter | — | H2C-R with Y92F-30 adapter | — | H2C-8 with Y92F-30 adapter | H2C-8R with Y92F-30 adapter |

■ DIMENSIONS

● H2C, H2C-R, H2C-8, H2C-8R



● H2C-F, H2C-FR

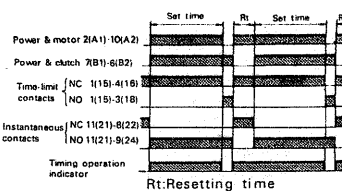
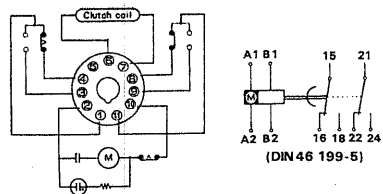


■ CONNECTION & TIMING CHART

Connection

Timing Chart

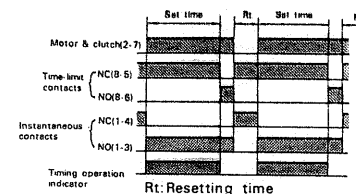
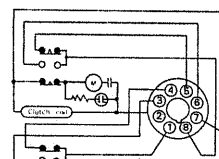
● H2C(-F)



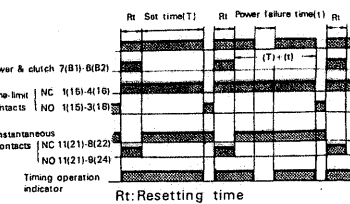
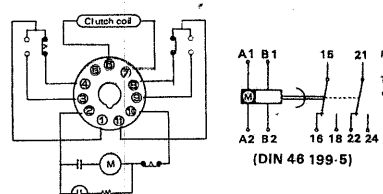
Connection

Timing Chart

● H2C-8

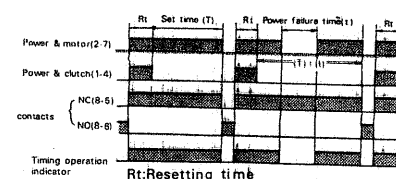
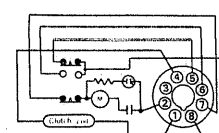


● H2C-R(-FR)



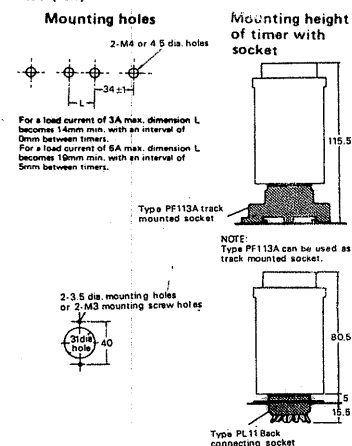
NOTE: Alphabets in parentheses are the terminal numbers of H2C-F series motor timers.

● H2C-8R

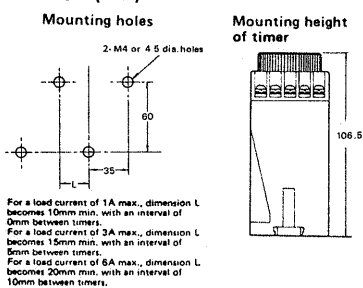


■ MOUNTING

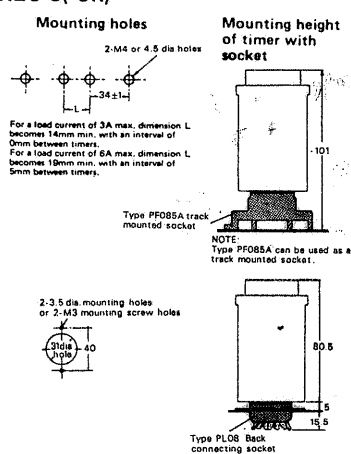
● Surface Mounting H2C(-R)



H2C-F(-FR)

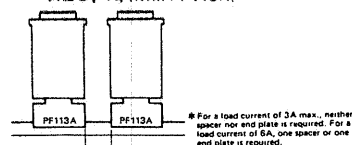


H2C-8(-8R)

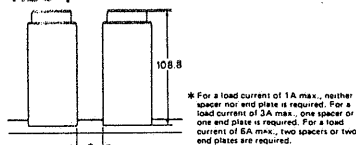


● Track Mounting

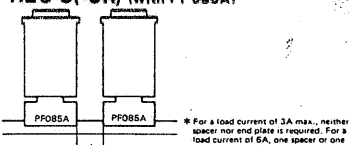
H2C(-R) (with PF113A)



H2C-F

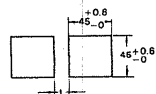


H2C-8(-8R) (with PFO85A)

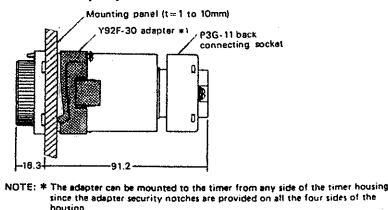


● Flush Mounting

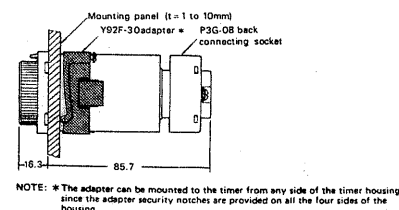
Panel cutout



H2C(-R)



H2C-8(-8R)



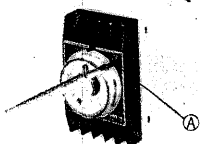
■ HINTS ON CORRECT USE

● How to Change Time Range

Change the positions of the time range selector ① with a round blade screwdriver or Allen wrench.

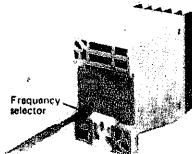
Be sure to turn the power off before changing the time specification. Changing the time range while the timer is in operation may result in malfunctioning of the timer.

H2C-F



● How to Select Power Frequency

Before using the timer, set the frequency selector located at the rear panel to the proper power frequency (50Hz or 60Hz). Note that if the frequency selector is set incorrectly, time measurement may not be performed accurately against the set time.



● Time Range

Five time ranges are available for each timer by turning the time range selector every 60 degrees.

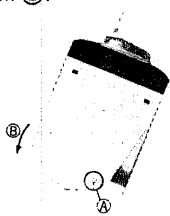
| Position of time range selector | ① | ② | ③ | ④ | ⑤ |
|---------------------------------|--------------------|------------------|--------------------|------------------|------------------|
| Time range code | A | B | C | D | E |
| A | 1.25sec. to 30sec. | 7.5sec. to 3min. | 1.25min. to 30min. | 7.5min. to 3hr. | 1.25hr. to 30hr. |
| B | 0.2sec. to 6sec. | 2sec. to 60sec. | 0.2min. to 6min. | 2min. to 60min. | 0.2hr. to 6hr. |
| C | 0.5sec. to 12sec. | 5sec. to 120sec. | 0.5min. to 12min. | 5min. to 120min. | 0.5hr. to 12hr. |

Before using the motor timer, please read the catalogs and/or technical data books carefully to familiarize yourself with the correct use of the timer.

● How to Mount Timer on Mounting Track

Mounting:

First hook the portion ① of the timer to the mounting track and then depress in direction ②.



Dismounting:

Pull out portion ③ with a round blade screwdriver and remove the timer from the mounting track.

