

# General Specifications

Model MHKW  
Alarm Trip  
(Dual Outputs)

JUXTA

Model MHKW Alarm Trip receives 1~5V DC or 4~20mA DC signal and after comparing with internally set value, it outputs alarm contact. The following functions are provided :

- Setting dial and lamp to confirm relay operation
- Function to prevent relay chattering when power OFF
- Selection of input signal
- Selection of high and low limits alarm operation
- Selection of relay coil excitation/non-excitation

| Input & Output                             |  |
|--|--|
| Input                                      | 1~5V DC or 4~20mA DC, selectable by switch<br>(When shipment, it sets at 1~5V DC)          |
| Input resistance                           | More than 500k $\Omega$ (1~5V DC input), 250 $\Omega$ (4~20mA DC input)                    |
| Configuration of output                    | Relay contact  |
| Output points                              | 2 points - alarm output and transfer contact   |
| Contact capacity                           | 120V AC, 1A<br>30V DC, 1A resistance load  |
| Standard Performance                       |  |
| Accuracy of alarm setting                  | $\pm 3\%$ of span (dial setting accuracy)  |
| Repeatability of alarm point               | $\pm 0.2\%$ of span  |
| Setting of alarm point                     | 0~100% (linear scale) 2 points independent setting   |
| Hysteresis width                           | 0.5~1.0% of span   |
| Response speed                             | 100ms 63% response (10~90%)  |
| Insulation resistance                      | 100M $\Omega$ (at 500V DC) between input~outputs~power supply~ground                       |
| Withstand voltage                          | 1500V AC/minute between power supply~outputs~ground<br>500V DC/minute between input~ground |
| Ambient temperature                        | 0~50 $^{\circ}$ C  |
| Relative humidity                          | 5~95% RH (no condensation)   |
| Power supply voltage                       | 85~132V AC, 24V DC $\pm 10\%$ AC/DC use or 180~264V AC                                     |
| Effect of power supply voltage fluctuation | 100V AC standard $\pm 0.1\%$ /10V of span<br>24V DC drive $\pm 0.1\%$ max of span          |
| Current dissipation                        | 24V DC drive 105mA   |
| Power dissipation                          | 100V AC dirve 4.7VA  |
| Mounting, Shape & Accessories              |  |
| Mounting                                   | Case ABC plastic   |
| Board                                      | Both sides glass-epoxy   |
| Mounting method                            | Wall or DIN rail mounting<br>(More than 5mm interval required for access mounting)         |
| Connecting method                          | M3.5 screw terminal  |
| External dimension                         | 85(H)x50(W)x132(D)mm (including socket)  |
| Weight                                     | Body : Approx. 250g Socket : Approx. 80g   |
| Accessories                                | Tag number label ... 2 Spacer ... 1 (use for DIN rail mounting)                            |

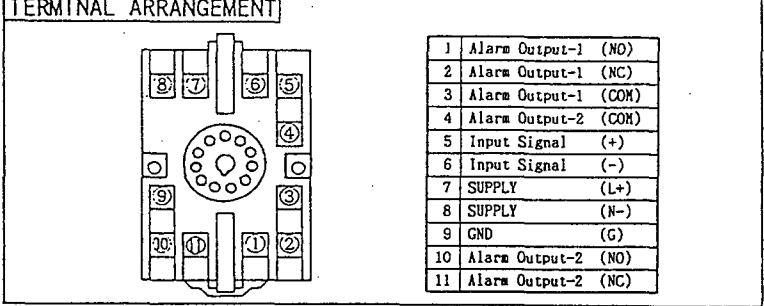
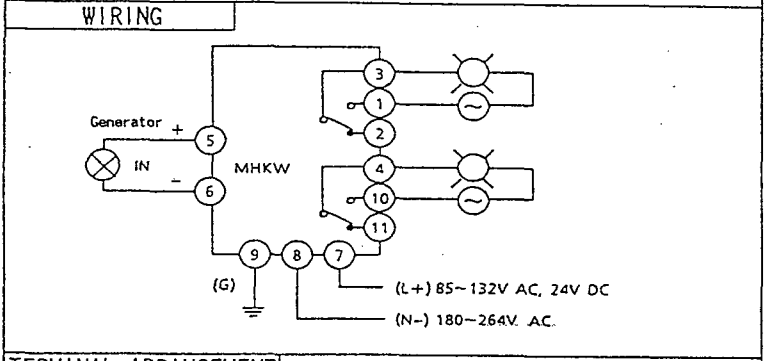
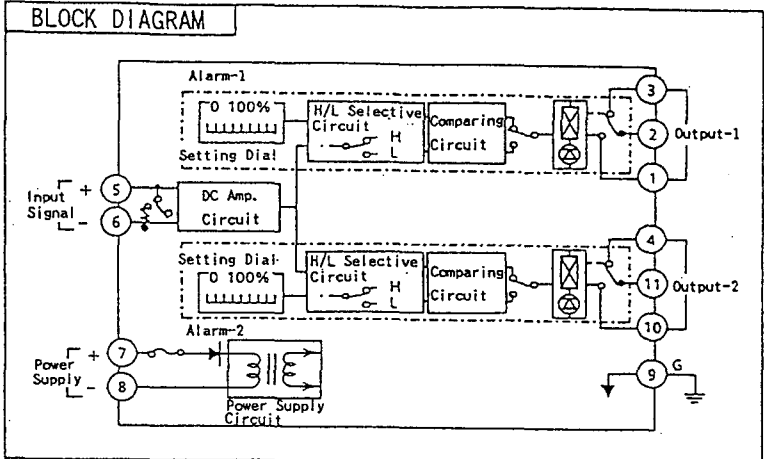
MHKW-□-□\*A

MODEL \_\_\_\_\_

INPUT \_\_\_\_\_  
6 : 1 to 5V DC  
(4~20mA DC is available by change-over switch)

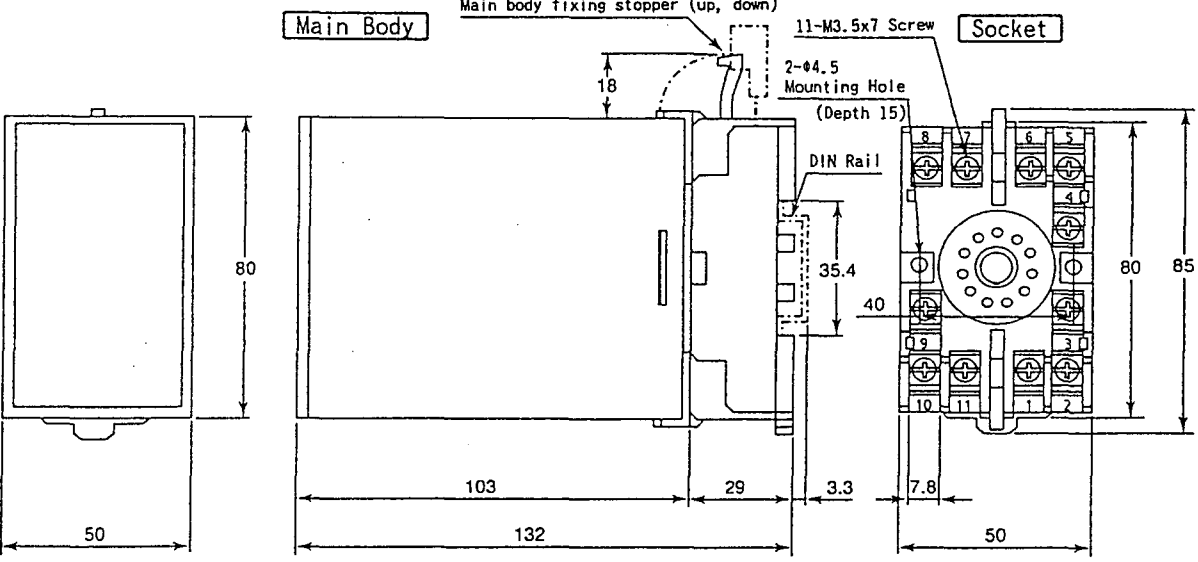
POWER SUPPLY \_\_\_\_\_  
8 : 85~132V AC, 24V DC $\pm 10\%$  (AC/DC use)  
9 : 180~264V AC

**ORDERING INFORMATION**  
(Example) Model Code : MHKW-6-8\*A



### EXTERNAL DIMENSION

Unit : mm



Subject to change without notice for grade up quality and performance