

Heater disconnection warning machine

FAL-21-1/FAL-21-3

NEW

Goods for RoHS made the DIN rail installation possible.

<RoHS>



FAL-21-1 < for single phase >



FAL-21-3 < for three-phase >



Forest Co., Ltd.

- Phase control, ON-OFF control, and 0 crossing control, etc.
It is possible to use it regardless of the shape of waves.
- One heater disconnection perception in parallel heater
- The detection point can be arbitrarily set with the dial scale.
- The indicator lamp lights when it reaches the detection point, and the output signal. It does.

FAL-21-1

Specification

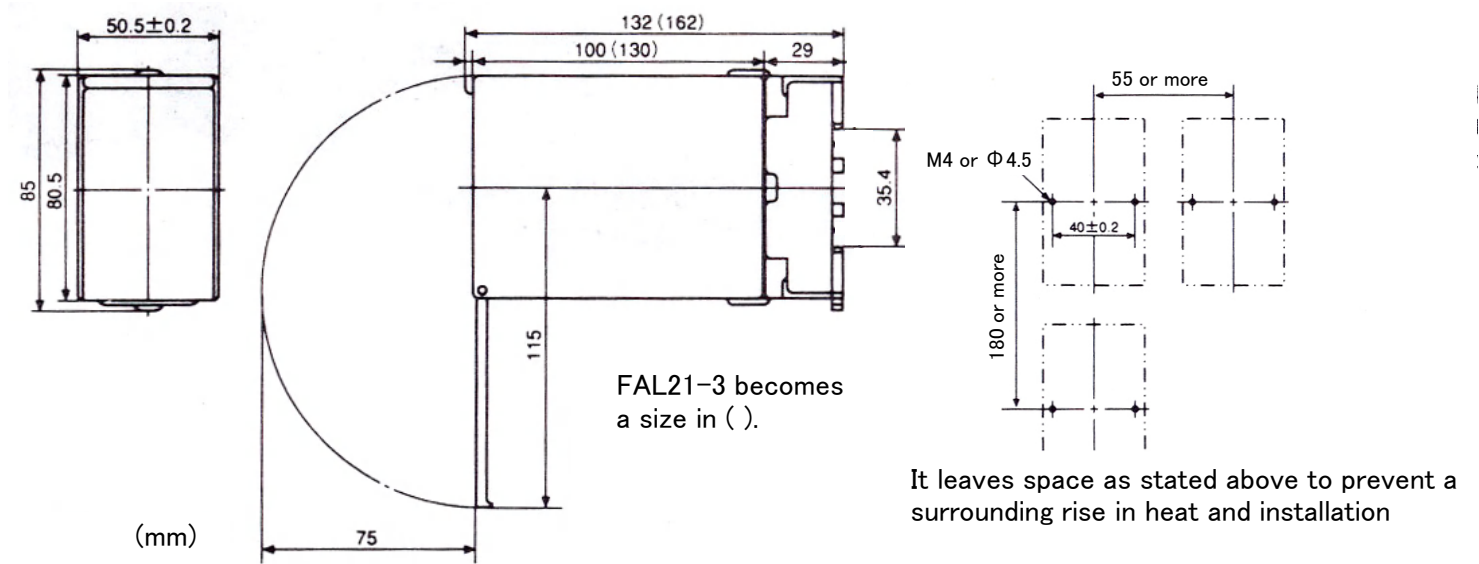
Meter power supply	AC100V/200V
Load current	5A(C.T external when 5A is exceeded)
Load voltage	0~100V/0~200V
Range of load setting	1~5A
Range of warning setting	3~50%
Power supply frequency	50/60Hz
Set accuracy	±3%
Warning setting accuracy	5A~3A ±3% 3A~1A ±5%
Detection method	Load current and load voltage
Alarm output	Relay point of contact 1c(ratings 200V 0.1A resistance load)
Category temperature range	0~50°C
Operating humidity limits	90%RH or less(No do be dewy.)
Installation method	Installation type plug-in type in board
Insulation resistance	500VDC 20MΩ or more between each I/O terminals
Withstand voltage	1500VAC 1 minute between each I/O terminals
Weight	350g

FAL-21-3

Specification

Meter power supply	AC200V/220V
Load current	Three-phase circuit 5A(Please put external C.T.)
Load voltage	0~200V
Range of load setting	1~5A
Range of warning setting	3~50%
Power supply frequency	50/60Hz
Set accuracy	±3%
Warning setting accuracy	5A~3A ±3% 3A~1A ±5%
Detection method	Load current and load voltage
Alarm output	Relay point of contact 1c(ratings 200V 0.1A resistance load)
Category temperature range	0~50°C
Operating humidity limits	90%RH or less(No do be dewy.)
Installation method	Installation type plug-in type in board
Insulation resistance	500VDC 20MΩ or more between each I/O terminals
Withstand voltage	1500VAC 1 minute between each I/O terminals
Weight	430g

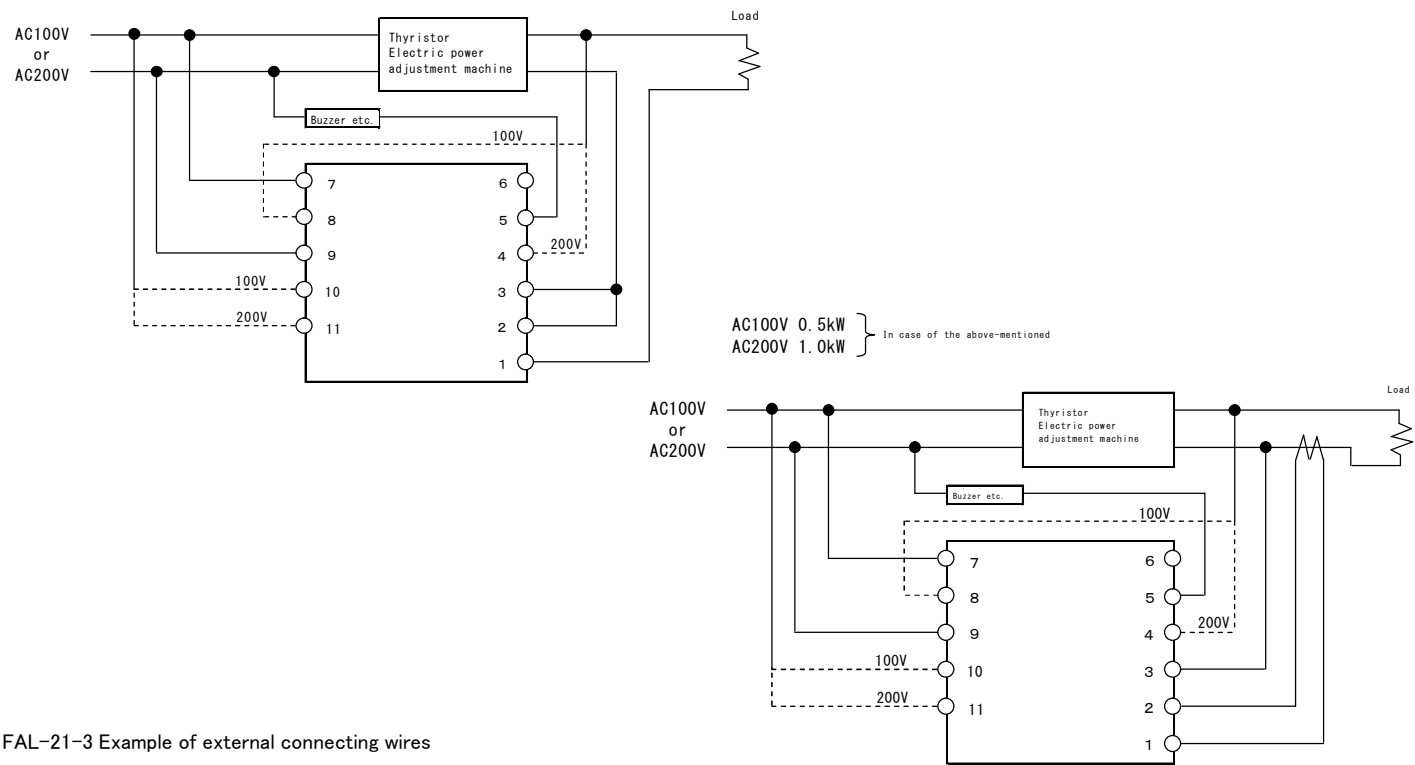
Externals dimensional drawing



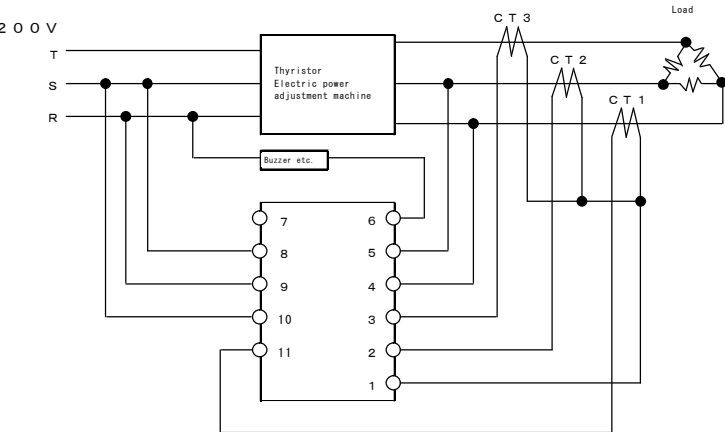
FAL-21-1 Example of external connecting wires

FAL-20-1 Example of external connecting wires

AC100V 0.5kW } In the following cases
AC200V 1.0kW }



FAL-21-3 Example of external connecting wires



Business line

Automatic temperature control meter

Various temperature detection edges

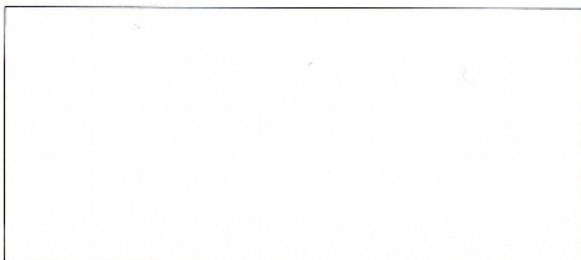
Direct-current ampere-hour meter

Direct-current ampere-hour meter by microcomputer control

Thyristor power controller

Heater disconnection alarm

In addition, electronic application apparatus



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Caution in using	<ul style="list-style-type: none">● Since this product is not manufactured for the applications stipulated in the Export Trade Control Ordinance, it cannot be used for the purpose of weapons of mass destruction.● The final application and final customer must be checked so that it will not be used for weapons of mass destruction (military application, military equipment). Due attention must also be paid to the re-sale so that it will not be illegally exported.
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