

FINE SERIES PLUG-IN ALARM SETTER

High & Low Limit Alarm of Various Sensor Inputs.

DAIICHI

PLUG-IN ALARM SETTER

FSDEL

FEATURE

■ COMPACT SIZE

- 2 output alarm setter with space saving plug-in type (width: 29.5mm).

■ DISPLAY FUNCTION

- Adopted with organic EL display (OLED) for setting and measuring.

■ OUTPUT OPERATION LAMP (AL1/AL2)

- Output operation can be check by output monitor lamp (red).

■ TEST FUNCTION

- Output operation alarm can be checked without adding input.

CE



SPECIFICATION

Items			Specifications
Input	Quantity		1 Circuit
	DC Voltage Input		DC60mV to 60V
			DC±60mV to ±60V
	DC Current Input		DC1 to 50mA
			DC±1 to ±50mA
Alarm Output	Contact Composition & Output Points		1 Output: Change-over break before make contact (N.O. / N.C.)
			2 Outputs: Both make Contact (N.O.) / Both break contact (N.C.) / Make Contact (N.O.), break contact (N.C.)
	Contact Capacity	Maximum Switching Load	AC125V 0.5A (load resistance)
			DC110V 0.5A (load resistance)
			AC125V 0.1A (inductive load $\cos\phi=0.4$)
			DC110V 0.1A (inductive load L/R=7ms)
			DC30V 0.5A (inductive load L/R=7ms)
		Minimum Switching Load	DC10mV 10μA
	Mechanical Life		More than 100,000,000 times (ON/OFF: 36,000 times/hour)
Electric Life		AC: More than 100,000 times (ON/OFF: 1,800 times/hour)	
		DC: More than 100,000 times (ON/OFF: 1,200 times/hour)	
Auxiliary Supply	Auxiliary Supply Range (Power Consumption)		AC80 to 264V (rated AC110V 4.0VA , AC200/220V 5.5VA) DC80 to 264V (rated DC110V 2.5W) AC/DC common use
			DC19 to 30V (rated DC24V 2.0W)
	Inrush Current (Time Constant)		AC110V below 1.6A (below 1.3ms), AC220V below 3.2A (below 1.3ms), DC110V below 1.1A (below 1.3ms), DC24V below 1.9A (below 3.3ms)

RELAY CONTACT OPERATION

Output Point: Contact Composition	1 Alarm Output: N.O. / N.C.	2 Alarm Output: Both N.O.	2 Alarm Output: Both N.C.	2 Alarm Output: N.O. (AL1), N.C. (AL2)
Auxiliary Supply OFF or Relay Non-Excitation Figures are terminal number.*				
Relay Excitation Figures are terminal number.*				

* When socket (FW11) is attached.

ORDERING INFORMATION Please specify the specification code at below.

Type

Specification Code

FSDEL-

Input (Input Resistance)	
0A8	DC1 to 5V (approx. 1MΩ)
0C7	DC4 to 20mA (approx. 100Ω)
ZZZ	Other (special specification) Please specify when ordering.

Alarm Output		
	Output 1	Output 2
1	N.O. / N.C.	-
2	N.O.	N.O.
3	N.C.	N.C.
4	N.O.	N.C.

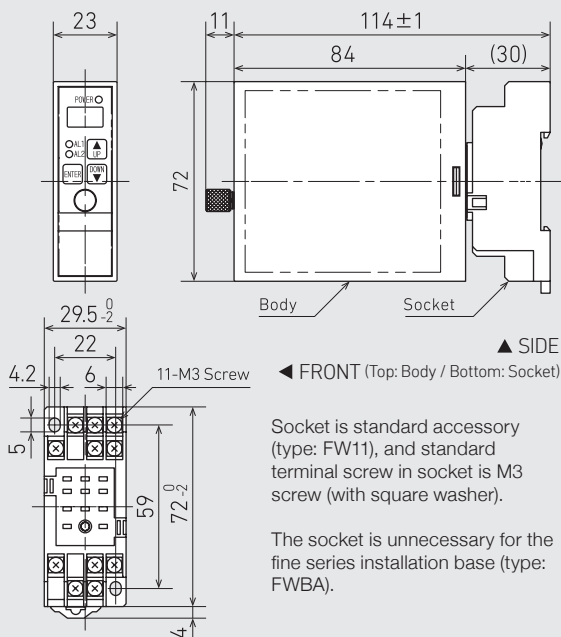
Auxiliary Supply	
F	AC80 to 264V DC80 to 264V
5	DC19 to 30V

Power Fuse	
1	Without Fuse
2	With Fuse

- Socket is a standard accessory (type: FW11). Please specify "without socket", if socket is unnecessary.
- Please specify "socket type: FW11-W", if M3 screw (with spring washer and plate washer) for socket terminal is desired.

DIMENSIONS

Weight: body approx. 105g, socket approx. 50g
Unit: mm

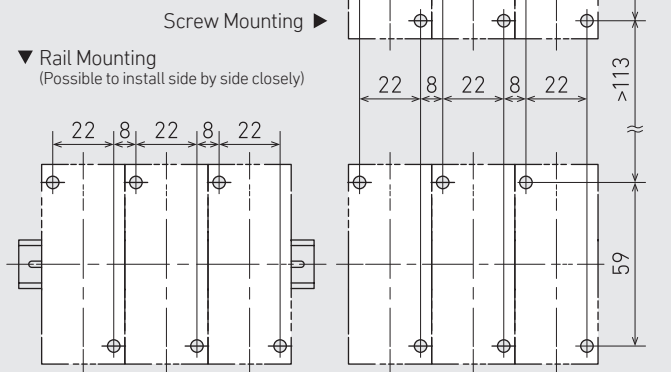


MOUNTING METHODS

Unit: mm

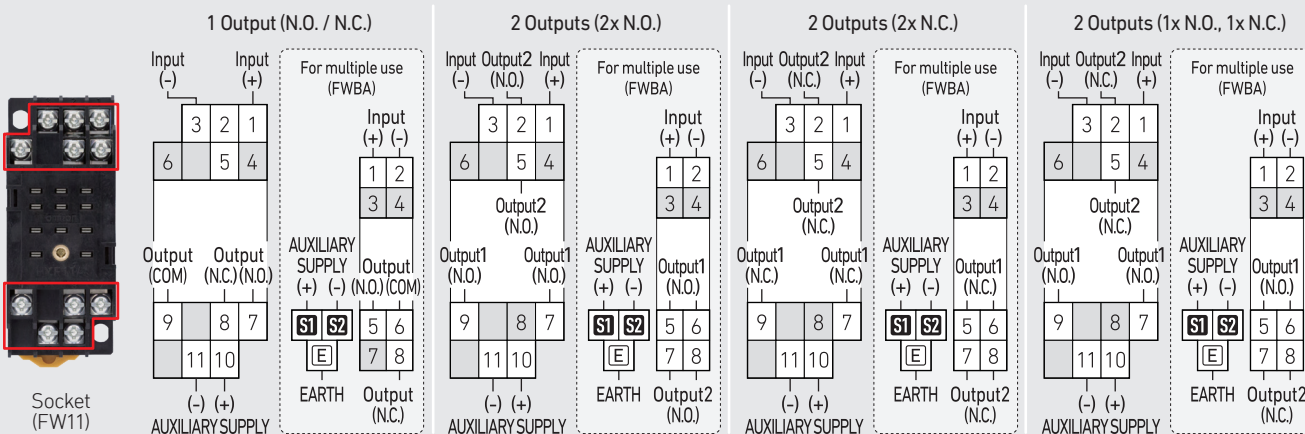
Please use IEC DIN standard rail 35mm width (high strength type).

Recommended: Fuji Electric Co., Ltd. (type: TH35-15AL).



CONNECTION DIAGRAM

The diagrams are part of specification example.



SAFETY PRECAUTIONS

To ensure safety, technical knowledge is necessary when using this product. Please refer to manual instruction for correct operation. Please check connection diagram carefully before performing connections. Please DO NOT work with live wires. There is a risk of electric shock, device malfunction or fire.



株式会社 第一エレクトロニクス

DAIICHI ELECTRONICS CO., LTD.

HEAD OFFICE 11-13, Hitotsuya 1-chome,
Adachi-ku, Tokyo 121-8639 Japan

TEL: +81-3-3885-2411
FAX: +81-3-3858-3966

<http://www.daiichi-ele.co.jp/>

NOTE: Reserves the right to update the specification without notification.

No.1803-0