

8 Channel Combine Fault / Operation Annunciator with CC-Link.

110mm Annunciator to contribute to saving space & wiring of MV/LV switchboard.

DAIICHI
ANNUNCIATOR

FSA-110

FEATURES

■ STANDARD SPECIFICATION

- 8 Fault / Operation inputs
- 2 External operation inputs
- 2 Alarm outputs

■ FREE SETTING FOR OPERATION MODE

- Fault Alarm: Red color
- Warning: Amber color
- Operation Indication: White, Green, Blue, Red (selectable)

■ COMMUNICATION OUTPUT (OPTION)

- Remote monitoring of fault or operation information by CC-Link communication.

■ TEST FUNCTION

- Fault, Operation, Alarm output, Communication output Sequence can be checked without adding input.

■ SETTING FUNCTION

- Easy setting with Organic EL Display (OLED).



SPECIFICATIONS

Items		Specifications
Input		Fault or operation input (BI): 8 inputs, ALARM STOP: 1 input, LAMP RESET: 1 input Input pulse width 50ms or more, Minus Common
Input Range and Input Current *1		(1) AC85...127V Approx. 5mA (AC110V) (rated voltage AC100/110V) (2) DC80...143V Approx. 5mA (DC110V) (rated voltage DC100/110V)
Power Supply	Power Supply Range and Consumption VA	(1) AC85...127V 4.5VA (rated voltage AC100/110V) (2) DC80...143V 3W (rated voltage DC100/110V)
	Inrush Current (Time Constant)	Rated Voltage AC110V 1.1A or less (approx. 14ms), Rated Voltage DC110V 0.8A or less (approx 14ms)
Display	LED	Fault Alarm: Red, Warning: Amber, Operation: White/Green/Blue/Red (Total: 8 inputs, Selectable)
	OLED	Setting & test guidance display
Alarm Output	Contact Configuration	BL: Fault Alarm, BZ: Warning, 2 output: N.O.
	Contact Capacity	AC125V 8A, DC125V 0.3A (resistance load), AC125V 5A, DC125V 0.1A (inductive load)
	Response Time	100ms or less
Communication output (Option)	Protocol	CC-Link Ver.1.10
	Transmission Method	Broadcast Polling Method
	Synchronization Method	Frame Synchronization Method
	Communication Speed	156kbps/625kbps/2.5Mbps/5Mbps/10Mbps
	Encoding Method	NRZI
	Transmission Path Format	Bus format (TIA-485-A compliant)
	Transmission Format	HDL compliant
	Error Control Method	CRC ($x^{16}+x^{12}+x^5+1$)
	Number of Occupied Stations	Remote device station occupies 1 station
	Number of Connected Units	42 (remote device station)
	Station Number Setting	1...64
	Connection Cable	CC-Link Ver.1.10 dedicated cable
	Terminating Resistance	An internal termination resistor is connected with a 110Ω terminal short circuit.
Name Seal		Name seal (31mm x 11mm) prepared by customer.

SEQUENCES

*1: Input is the same as the power supply.

Mode	Fault Alarm / Warning		Operation
Restoration	Automatic Reset (A-14)*2	Manual Reset (M-14)*2	-
Fault Input (BI)			
Fault Display (LED)			
ALARM STOP (Switch/BI)			
LAMP RESET (Switch/BI)			
LAMP TEST (Switch)			
Alarm Output (BL/BZ)			
Fault Input (BI) and Fault Display (LED) will be automatic reset after ALARM STOP (switch/BI). Fault Display (LED) must be reset by LAMP RESET (Switch/BI) after Fault Input (BI) return.			

*2: By ISA standard ANSI/ISA-S18.1-1979.

ORDERING INFORMATION

Please specify product type, specification code, number of units.

Type

FSA-110 -

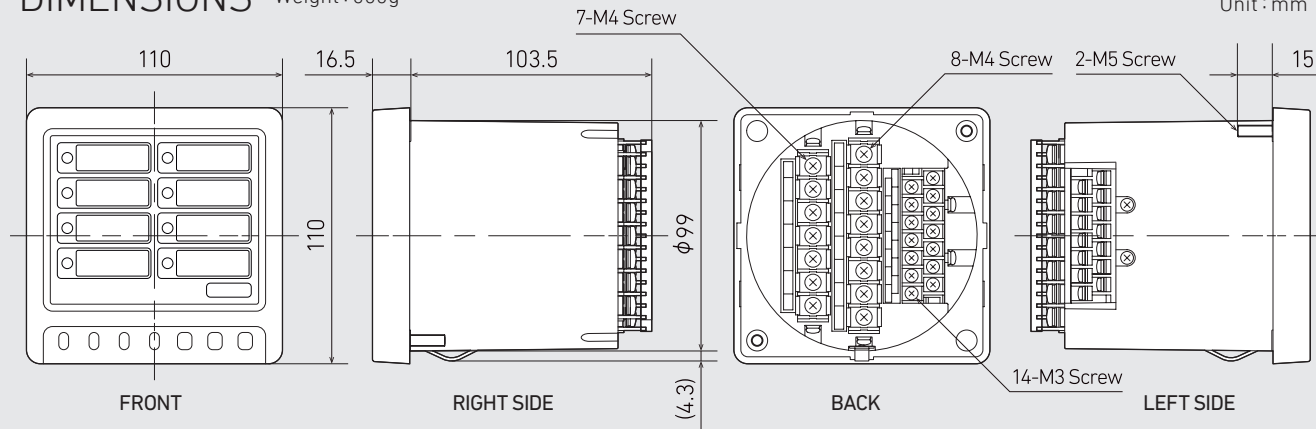
Specification Code

Power Supply		Communication output	
1	AC100/110V	2	DC100/110V
0	none	1	CC-Link

DIMENSIONS

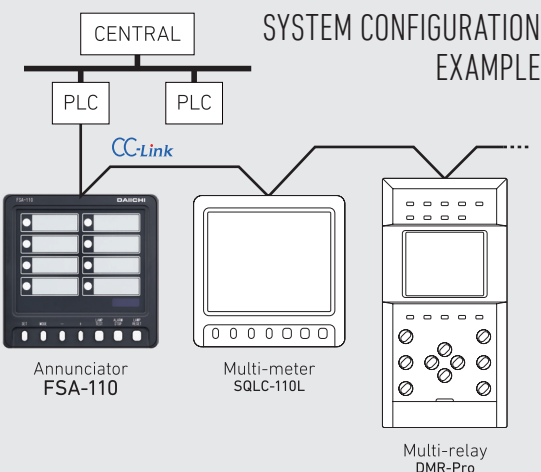
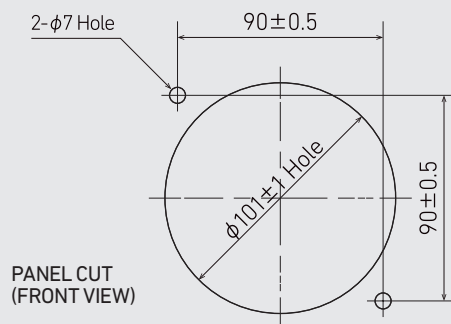
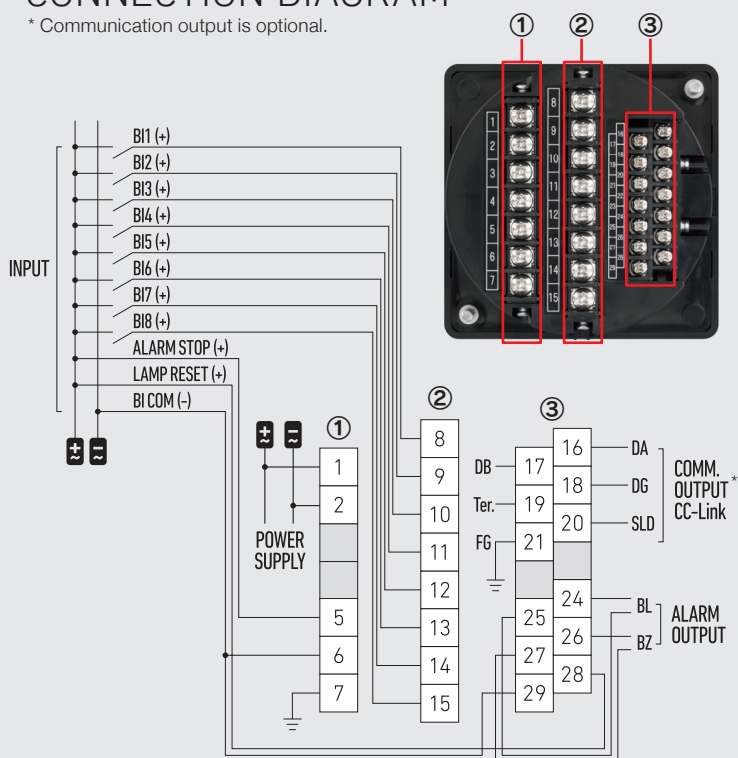
Weight : 500g

Unit : mm



CONNECTION DIAGRAM

* Communication output is optional.



SAFETY PRECAUTIONS

For 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.



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

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