Small-sized Plug-in Transducer
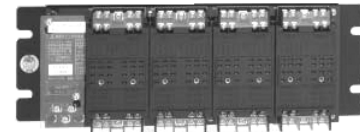## Fine Series Installation base FWBA

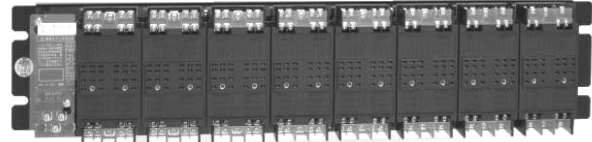## *1-output/2-output dual purpose type*

Application

A multiple unit installation base which can house both small-sized transducers and plug-in alarm setters in a lot. It widely used in all kinds of plants.

FWBA-08DY-B00
289×99×62mm/1.0kg

FWBA-16DY-B00
479×99×62mm/1.6kg
Note: Neither mass nor the size display include the transducers.

Feature

1. It is possible for each unit to ON/OFF by power switch individually.
2. Wiring is reducible because the power supply is package supply.
3. There are two types can be chosen, 16 units storable and 8 units storable.
4. Two types of mountings are available. Wall mounting and DIN rail mounting.
5. An induced lightning detection arrester can be installed in an input terminal and an output terminal.
6. A terminal is available for 2 unit transducers for earth terminal of a lightning arrester.
7. Small-sized plug-in alarm setter (FSDLC) can be mounting.
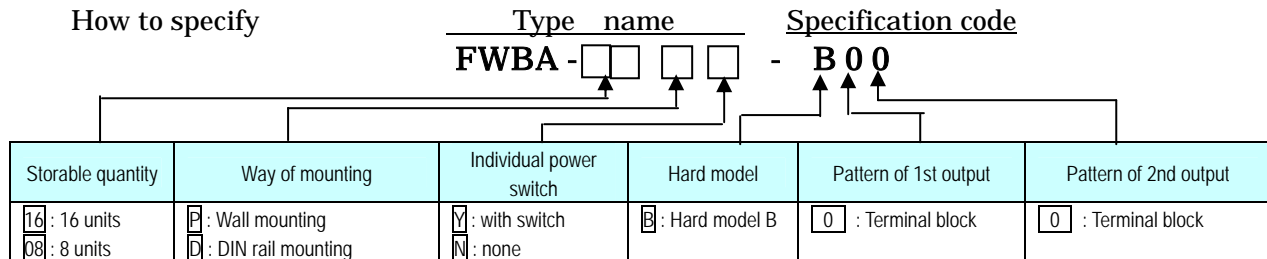8. It became more compact than conventional mounting base (FSBS/FWBS)

Specification

How to specify

Type name   Specification code

FWBA - ☐☐ ☐ ☐ - B 0 0

Storable quantity	Way of mounting	Individual power switch	Hard model	Pattern of 1st output	Pattern of 2nd output
16 : 16 units	P : Wall mounting	Y : with switch	B : Hard model B	0 : Terminal block	0 : Terminal block
08 : 8 units	D : DIN rail mounting	N : none			

Note: If transducers of different withstand voltage were installed in a case, and a withstand voltage test was implemented, transducers may be damaged by test voltage. Be careful enough, please.
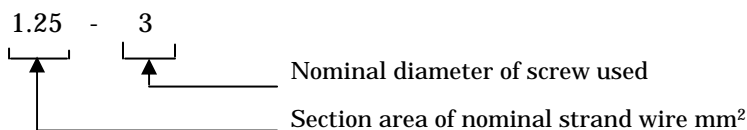Input/output withstand voltage test of small-sized transducers and installation base should be carried out individually or carry out voltage test of devices of the same strength with test voltage that all devices can bear.
Terminal E (ground terminal) is connected with the ground terminal for all arrestors. However, the ground terminal and the base (frame) are insulated.

Terminal block

Specifications	Power source (earth)*	Arrester (earth)	Input	Output
Terminal screw	M4×8L W sems		M3×8L W sems	M3×8L W sems
Matching cable	1.25mm², 2mm²		1.25mm²	1.25mm²
Matching crimping terminal*	1.25-4 2-4 1.25-5		1.25-3	1.25-3

*Name of crimping terminal

1.25 - 3

Nominal diameter of screw used

Section area of nominal strand wire mm²

Small-sized Plug-in Transducer
Fine Series Installation base FWBA

Compatible model for installation

Fine series
  All kinds of transducers
  Caution
  Please use installation base FWBA for the AC current transducer specification code.
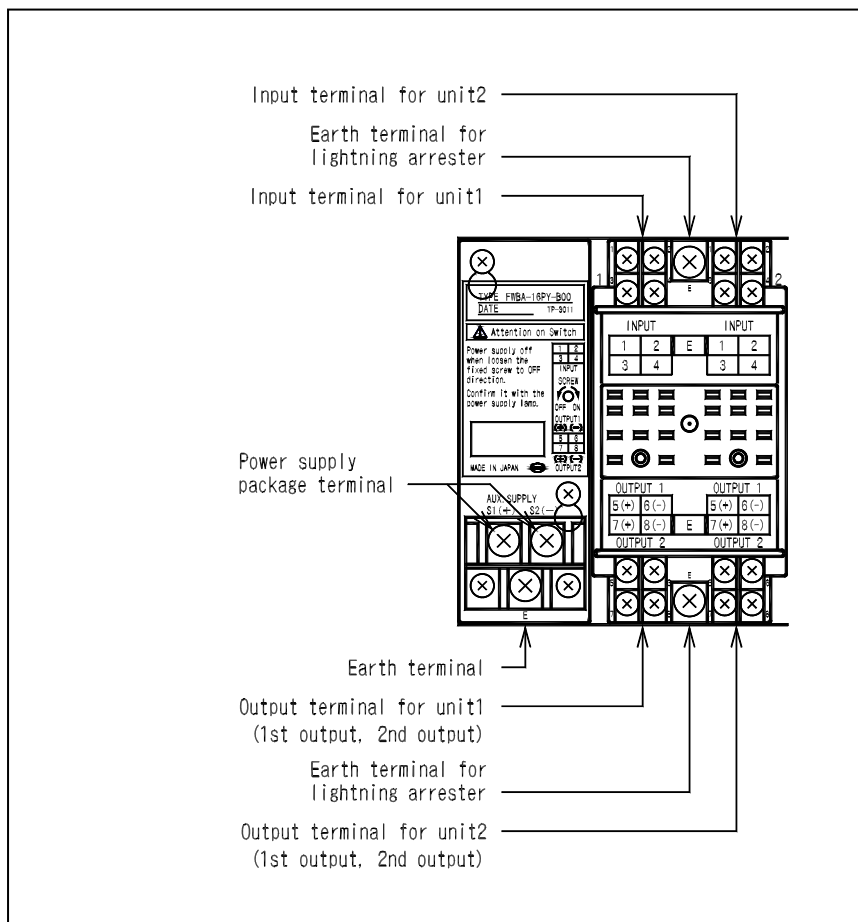 FSAT-4　X　X　　0　　　FWAT-4　X　　　　0
  Dummy box FSDB
  Small-sized plug-in alarm setter FSDLC
Lightning detection arrester UV-2-1E1-1111
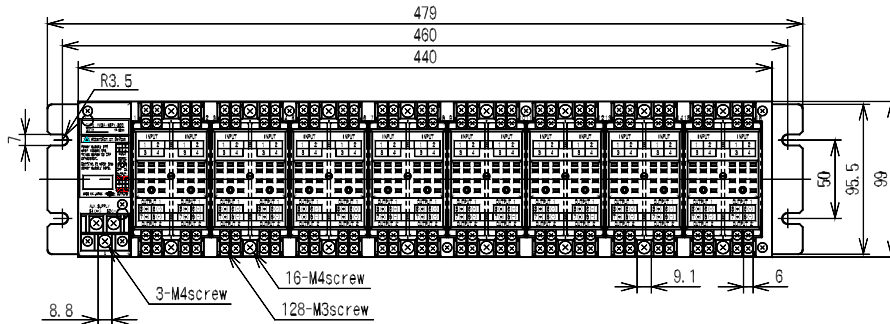Used as input and output protection
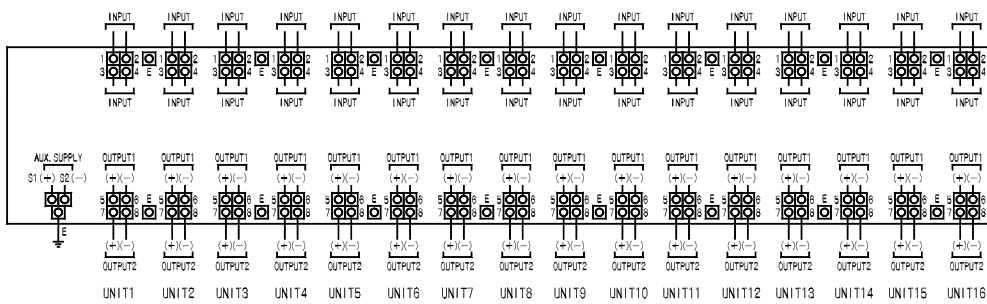Either storage 1st output or 2nd output in output circuit.

Input terminal for unit2
Earth terminal for lightning arrester
Input terminal for unit1
Power supply package terminal
Earth terminal
Output terminal for unit1 (1st output, 2nd output)
Earth terminal for lightning arrester
Output terminal for unit2 (1st output, 2nd output)

Small-sized Plug-in Transducer
Fine Series Installation base FWBA

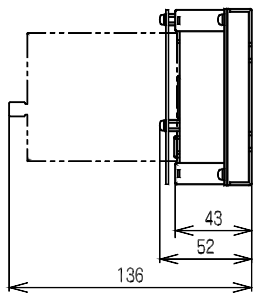**FWBA-16   -B00**

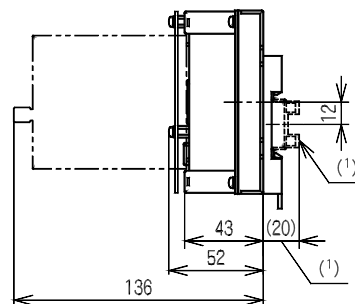## Dimensions (mm)

Connection diagram

1. E terminal is all inner-connected. And E terminal and base (flame earth) is insulation.

2. One FSDLC uses 2 transducer units space.

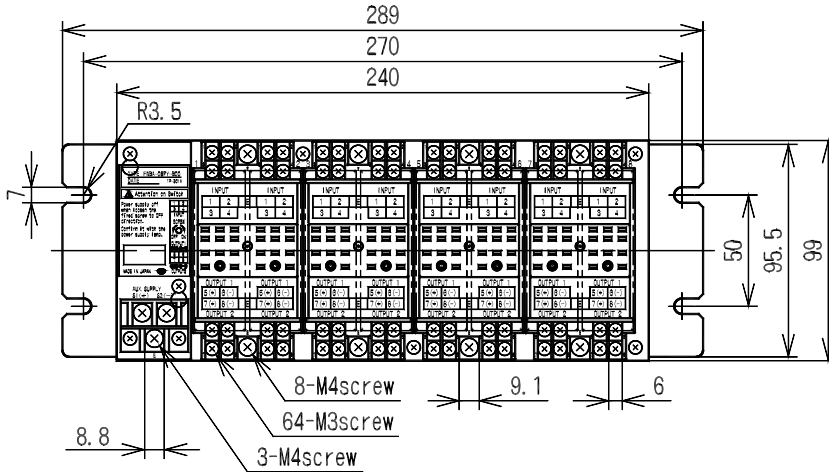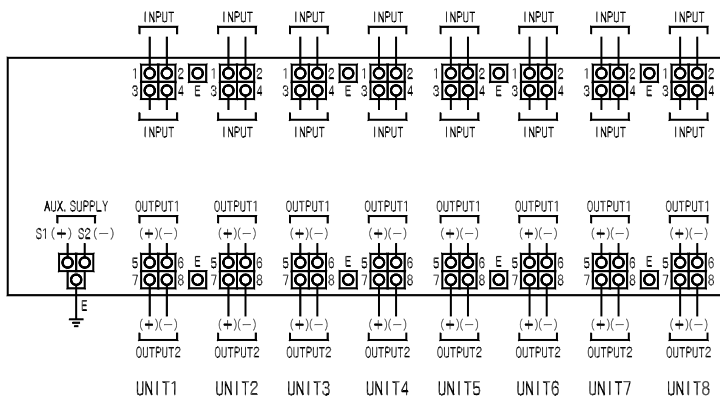### Wall mounting

DIN rail mounting

Note (¹) The case of mounting on a DIN rail of height 15mm.
Use a rail of DIN standard 35mm width (enhanced type), please.
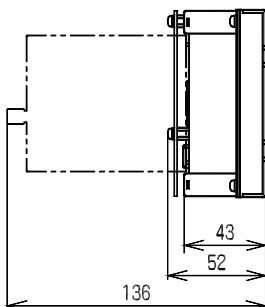
FWBA-08   -B00
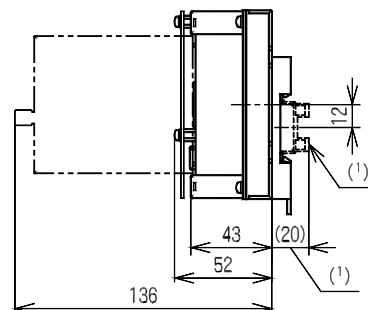
Dimensions (mm)

Connection diagram

1. E terminal is all inner-connected. E terminal and base (flame earth) is insulation.

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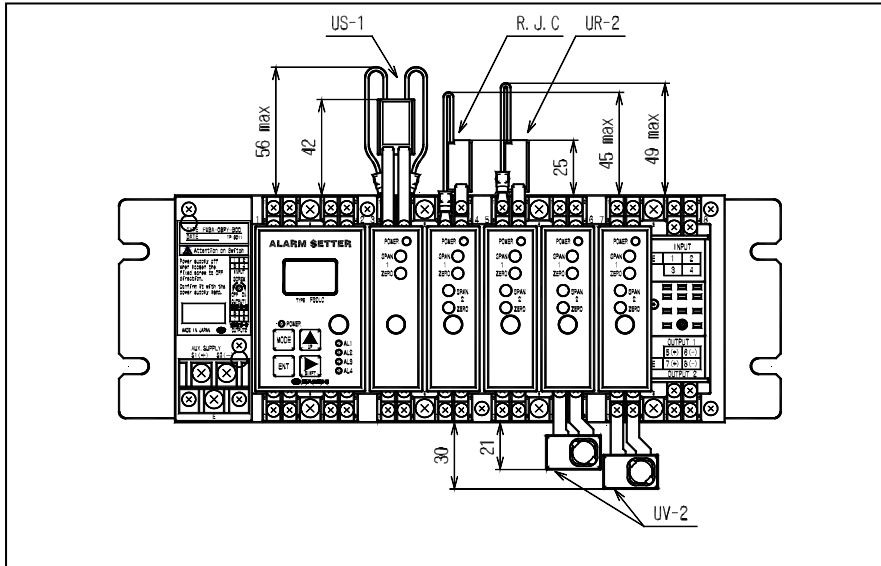
Wall mounting

DIN rail mounting

Note (¹) The case of mounting on a DIN rail of height 15mm.
Use a rail of IEC, DIN standard 35mmwidth (enhanced type), please
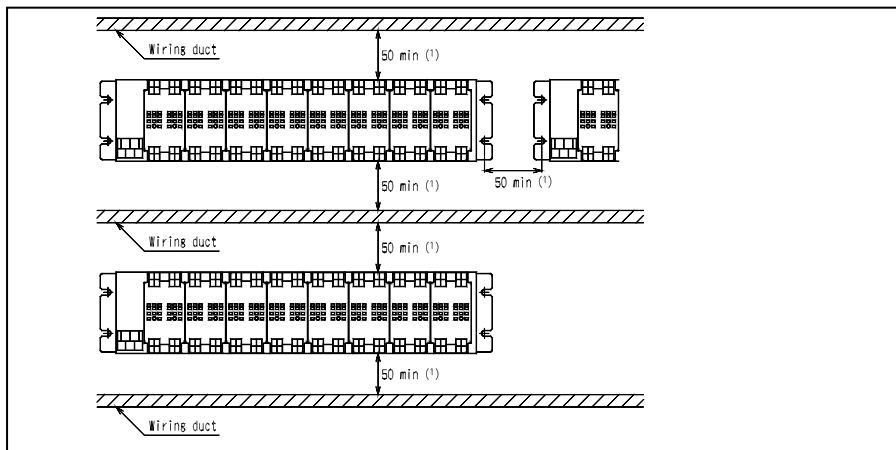Recommended: TH35-15AL by Fuji Electric

FWBA accessory/sell separately mounting dimensions(mm)
Reference FWBA-08   -B00

US-1: Shunt resistance unit for AC current transducer (FSAT, FWAT). (Accessory)

RJC: Cold junction compensation sensor for thermoelectric transducer (FSHT, FWHT). (Accessory)

UR-2: Precision resistance unit for isolator and high-speed isolator (FSTT, FWTT, FSHS, FWHS) (sell separately)

UV-2: For signal arrestor (2-wire signal) (UV-2-1E1-1111 "View arrestor") (sell separately)

FWBA installation dimensional drawing(mm)

Note ([1]): In consideration of device heat radiation, please set metric spaces more than those mentioned above. In case of using accessory or sell-separately items, please refer to FWBA accessory/sell separately mounting dimensions and take enough wring spaces into considerations.