SWITCH BOX
SBP-6-

Use

This is a switch box for distributing power source (AC100V or DC24V, etc) of various equipments such as a plug-in transducer or a box transducer.

Features

1. Can distribute power source up to six circuits, and each circuit has a built-in power source control switch and a built-in fuse with alarm contact (output turn ON against burnout of fuse).

2. Fuse is installed in U (-) side only. Burnout alarm is 1a parallel contact. If a fuse burnt out, a white flag shall be displayed in indication hole and it is the time to replace the fuse. Fuse can be replaced by pull-out and plug-in from outside. Fuse only for replacement is sold.

(100× 240× 58mm)/1kg
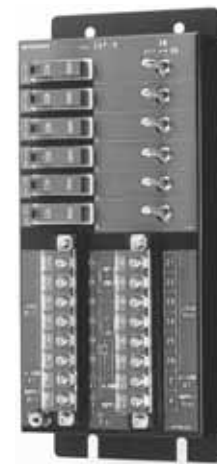
Performance and common specifications

Number of output circuit	6 circuits
Maximum working voltage	AC, DC132V
Wiring capacity of power source side	12A
Fuse rating	Rated current: 0.5A, 1A or 2A
Alarm output at burnout of fuse	Contact output (turns ON by fuse burnout of any circuit)
Contact capacity of alarm output	Contact capacity: AC25VA, DC25W Maximum voltage/current: 125V, 0.5A (Both AC and DC)
Withstand voltage	Between electric circuit/earth AC1, 500V, 1 min.
Operating temperature & humidity range	-10 - 55 , 30-80%RH
Appearance color	Munsell 1.5 (black)
Mounting	Wall mounting
Weight	Approx. 1kg
Accessories	Rating plate sheet for use

Burnout characteristic

No.	Fuse rating
1	0.5A
2	1.0A
3	2.0A

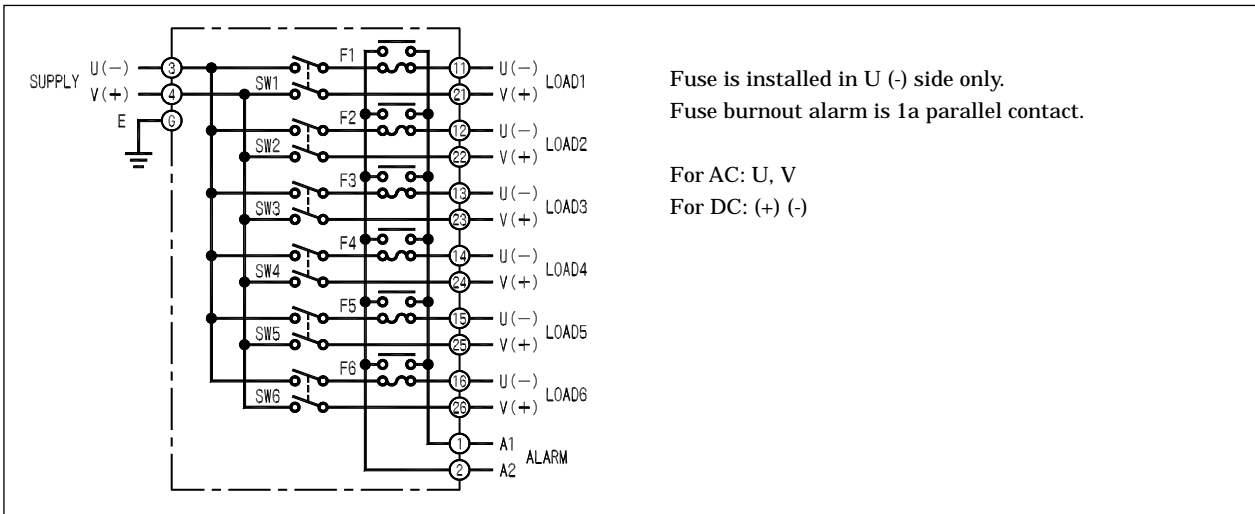Ambient temperature 20℃
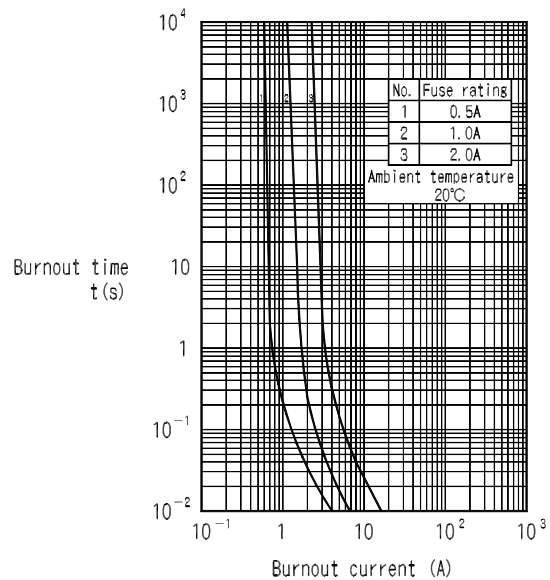
Please decide fuse capacity on examining power source coordination between power source and the instrument actually being used.

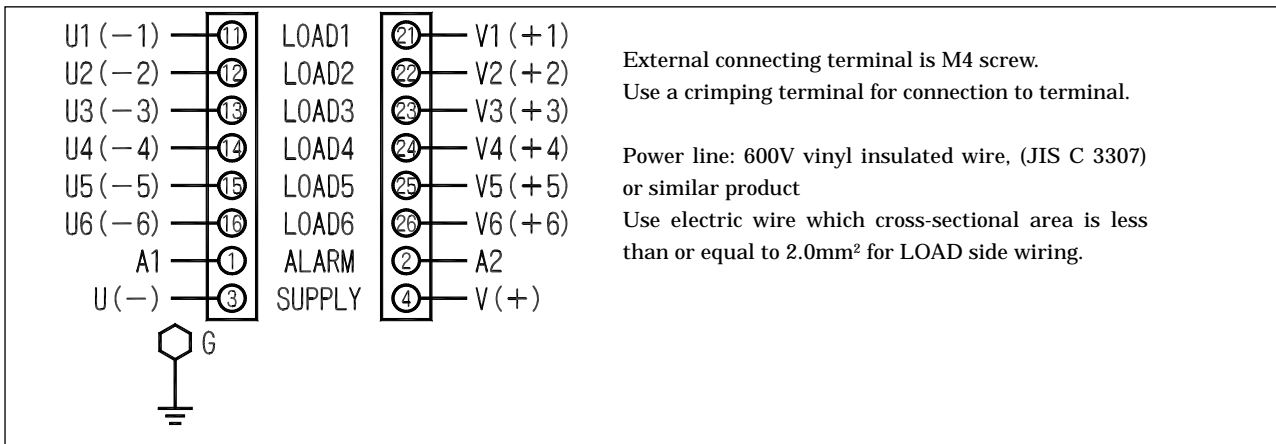[Refer to <burnout characteristic> when selecting a fuse.]

Purchase specifications

Specifications

Type code

SBP – 6   (1)

Kind of fuse rating

(1) Kind of fuse rating

Mark	Fuse rating
02	2A
01	1A
R5	0.5A

Fuse for replacement

The following specification should be applied in the case of only specifying a fuse for replacement.

Type code

HP   (2)

Kind of fuse rating

(2) Kind of fuse rating

Mark	Fuse rating
20	2A
10	1A
05	0.5A

Connection diagram

Fuse is installed in U (-) side only.
Fuse burnout alarm is 1a parallel contact.

For AC: U, V
For DC: (+) (-)

Terminal arrangement

External connecting terminal is M4 screw.
Use a crimping terminal for connection to terminal.

Power line: 600V vinyl insulated wire, (JIS C 3307)
or similar product
Use electric wire which cross-sectional area is less
than or equal to 2.0mm^2 for LOAD side wiring.

Dimensions (mm)

Switch box

Multiple unit mounting (mm)

Be sure there is no accumulated error or 50 pitch.

M5 mounting screw hole