

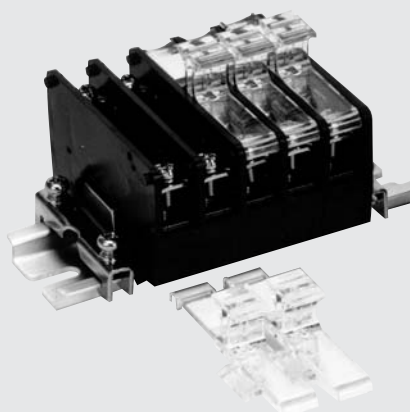
# Terminal Block With Fuse Holder

## TSF-511NB•R•K

TSF-511NB



TSF-511NR



### ■ Features

- The screw-up structure prevents losses of screws and enables efficient wiring works.
- Used for protecting circuits of control devices.
- Employing Poly phenylene ether resin for the insulation materials makes product safe and strong in electrical and mechanical respects.
- Equipped with the fuse carrier which prevents danger such as an electric shock.
- Both rail mountedtypes (DIN Rail) and bolt mounted type are available.
- RoHS directive compliant.

### ■ Model Designation

**TSF - 511N**



Number of polarities

**B**: Bolt mounted type (2 ~ 30p)

**R**: Rail (AR-LH) mounted type (optional number of polarities)

**K**: Rail (AR-L(K)) mounted type (optional number of polarities)

Model name

### ■ Ratings and Specifications

Rated Insulation Voltage		600V
Rated Current Capacity		10A
Matching Wire		5.5mm <sup>2</sup> , 3.5mm <sup>2</sup> , 2mm <sup>2</sup> , 1.25mm <sup>2</sup>
Terminal Screw		M4 × 9 Screwing-up (Recommended torque: 1.4 ~1.8N·m)
Pitch between Terminals		12mm
Matching Fuse Tube		φ 6.4 × 30L, φ 6.35 × 31.8L, either 1, 3, 5 or 10A
Number of Polarities		B: 2 ~ 30P, R or K: Optional
Insulation Resistance	Between Each Live Part	500MΩ or more (by 500V DC megohmmeter)
Withstand Voltage	Live Parts - Ground	
Number of Terminal Blocks in Package		As many as 50 poles
Operating Environment		Within the range -10 ~ +50°C, 45 ~ 85%RH (No freezing or condensation)
Standard Conformity		JIS C 2811 Industrial Terminal Blocks



**NOTICE**

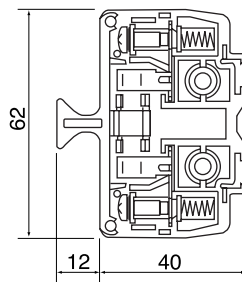
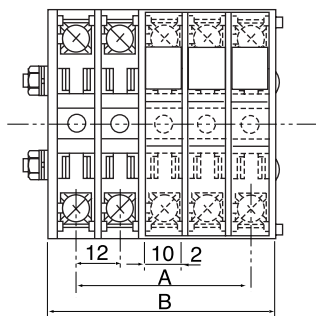
• Unless otherwise mentioned, the dimensions are indicated in "mm" in this book.

## Materials

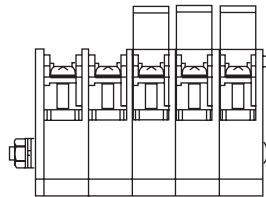
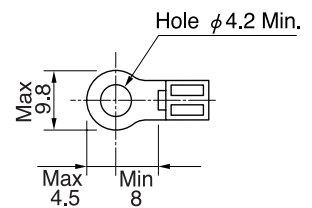
Insulation Block	Poly phenylene ether resin	(Black)	UL94V-0
Fuse clip	Phosphor bronze for spring use	(Nickel plated)	
Terminal Screw	Carbon steel	(Galvanized and chromate treatment)	
Fuse carrier	Polycarbonate resin	(Transparent)	UL94V-2
Name Tag	Paper	(White) 9 × 12mm	

## Dimensions

### ▼ TSF-511NB



Compatible crimp terminal



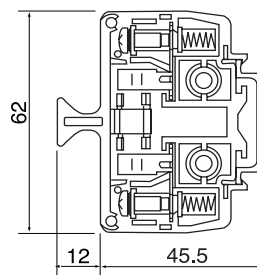
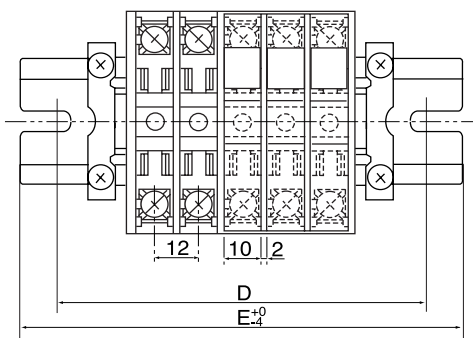
#### ● Dimensions (Unit: mm)

Number of polarities	2P	4P	6P	8P	10P	12P
A	12	36	60	84	108	132
B	26.5	50.5	74.5	98.5	122.5	146.5

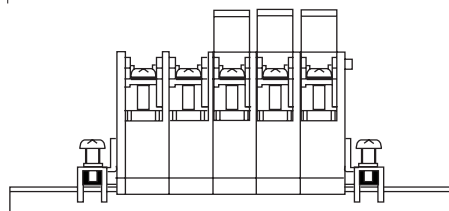
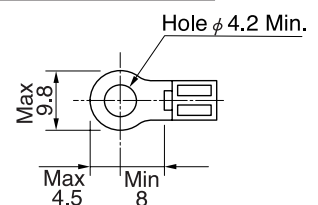
#### ● Weight calculation (Unit: g)

$$27 \times P + 7$$

### ▼ TSF-511NR•K



Compatible crimp terminal



#### ● Dimensions (Unit: mm)

Number of polarities	2P	4P	6P	8P	10P	12P
D	60	90(75)	105	135(120)	150	180
E	75	105(90)	120	150(135)	165	195

Dimensions in ( ) are those with AR-L(K) use.

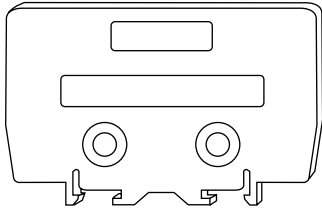
#### ● Weight calculation (Unit: g)

$$28 \times P + 37$$

Options

■ End Segment

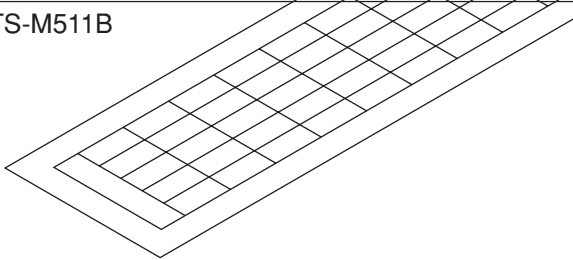
▼ TS-S511N



Weight: 4.9g

■ Name Tag

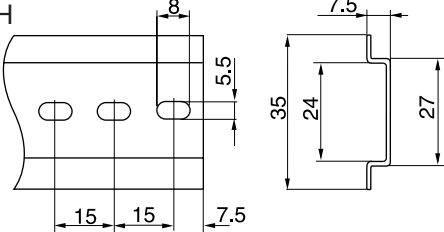
▼ TS-M511B



9 × 12mm: 50 tags in a sheet

■ DIN Aluminum Rail

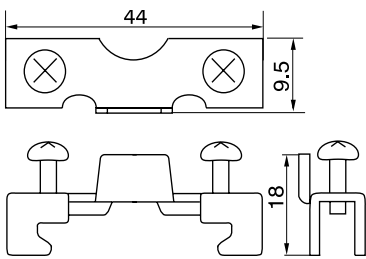
▼ AR-LH



Weight: 237g

■ Metal Fitting

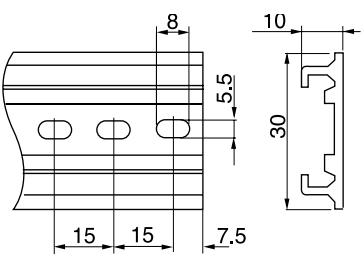
▼ MF-THC



Weight: 11g

■ Rail

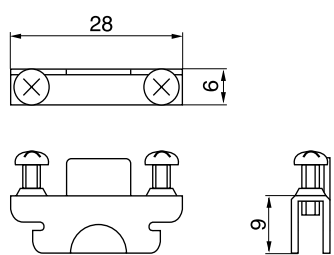
▼ AR-LK



Weight: 270g

■ Metal Fitting

▼ MF-LKB



Wight: 4.7g