

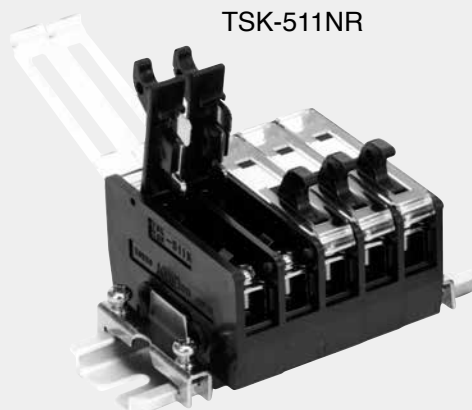
Disconnects Terminal Blocks

TSK-511NB·R·K

TSK-511NB



TSK-511NR



■ Features

- The screw-up structure prevents losses of screws and enables efficient wiring works.
- Designed with the insulation resistance and contact resistance that are most suitable and reliable for inspection around electric circuits including those for instruments, relays, etc.
- Employing poly phenylene ether resin for the insulation materials makes product safe and strong in electrical and mechanical respects.
- Up to 4-polarity interlocking is enabled.
- Both rail mounted types (DIN Rail) and bolt mounted type are available.
- RoHS directive compliant.

■ Model Designation

TSK - 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		20A	10A
Matching Wire		5.5mm ² , 3.5mm ² , 2mm ²	1.25mm ²
Terminal Screw		M4 × 9 Screwing-up (Recommended torque: 1.4 ~ 1.8N·m)	
Pitch between Terminals		12mm	
Contact Resistance		10mΩ or less	
Number of Polarities		B: 2 ~ 30P, R or K: Optional	
Insulation Resistance	Among Live Parts	500MΩ or more (by 500V DC megohmmeter)	
Withstand Voltage	Live Parts - Ground		
		2500V AC, 1 minute	
Number of Terminal Blocks in Package		As many as 50 poles	
Operating Environment		Within the range -25 ~ +50°C, 45 ~ 85%RH (No freezing or condensation)	
Standard Conformity		JIS C 2811 Industrial Terminal Blocks	



NOTICE

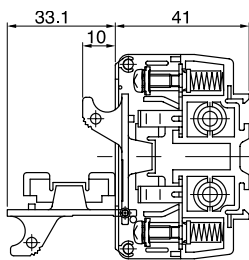
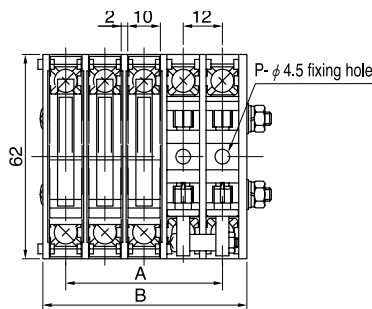
- Model TSK-511NB-R is the terminal block for use in circuit inspection. If it is used for direct connection/disconnection of a load, the performance shall not be guaranteed.
- Unless otherwise mentioned, the dimensions are indicated in "mm" in this book.

Materials

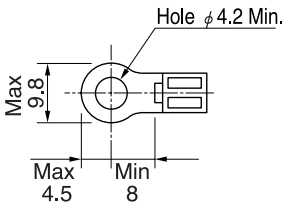
Insulation Block	Denaturized Polyphenylether resin	(Black)	UL94V-0
Contact Clip	Phosphor bronze for spring use	(Nickel plated)	
Terminal Screw	Carbon steel	(Galvanized and chromate treatment)	
Terminal ProtectionCover	Polycarbonate resin	(Transparent)	UL94V-2
Name Tag	Paper	(White) 9 × 12mm	

Dimensions

▼ TSK-511NB



Compatible crimp terminal



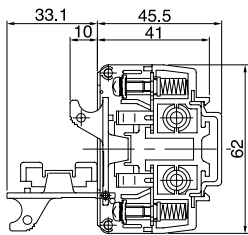
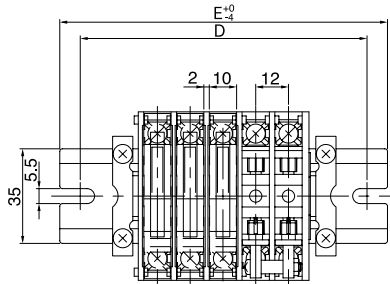
● Dimensions (Unit: mm)

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

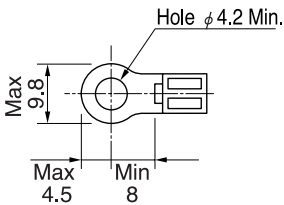
● Weight calculation (Unit: g)

$27 \times P + 7$

▼ TSK-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.

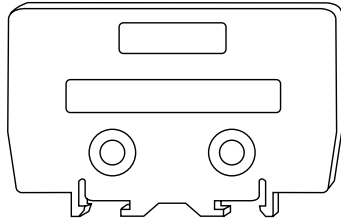
● Weight calculation (Unit: g)

$28 \times P + 37$

Options

■ End Section

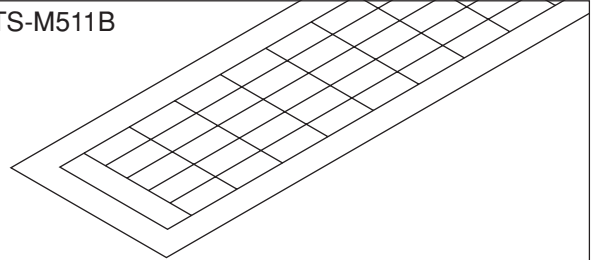
▼ TS-S511N



Weight: 4.9g

■ Name Tag

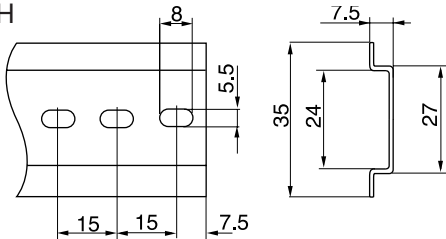
▼ TS-M511B



9 × 12mm: 50 tags in a sheet

■ DIN Aluminum Rail

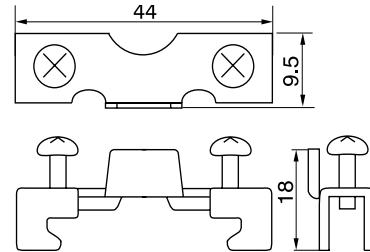
▼ AR-LH



Weight: 237g

■ Metal Fitting

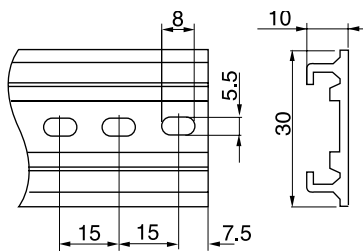
▼ MF-THC



Weight: 11g

■ Rail

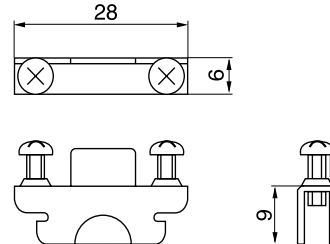
▼ AR-LK



Weight: 270g

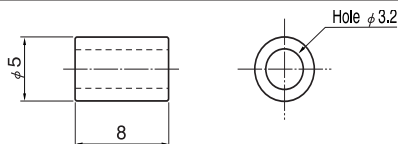
■ Metal Fitting

▼ MF-LKB



Wight: 4.7g

■ Bushing for Interlock



Number of cylinders to be used

2 block connection	1
3-block connection	2
4-block connection	3

Size of block connection screws and hexagonal nuts

2-block connection	M3×20
3-block connection	M3×32
4-block connection	M3×45
Hexagonal nut	M3

The screw is the pan-head small screw.