



Panel Feed-through Barrier Terminal

Panel Mount Terminal Block for BESS



High-current solutions for energy storage, EV, and industrial power systems

Part Number Guide

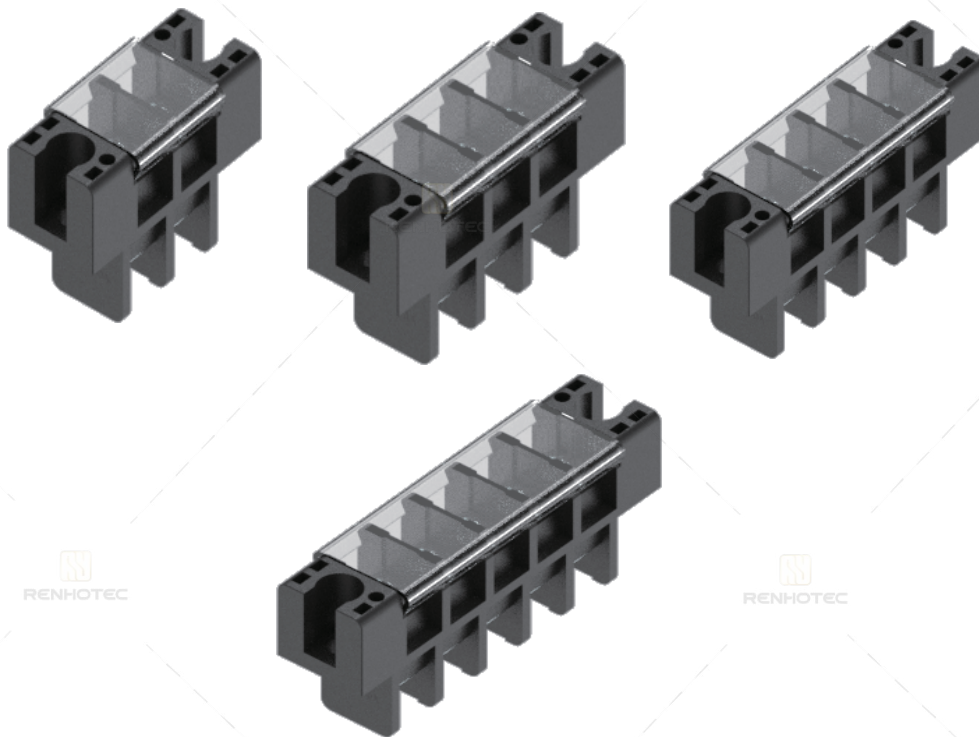
How to read a RENHOTECH terminal block / connector part number

Example: RHT-PG22-11-16.0-02P-C

Segment	Field	Meaning / Options
RHT	Brand Name	RENHOTECH
PG	Series Code	Product family identifier
22	Wire Cross-Section	2.5 mm ² to 120 mm ²
11	Mold Version	Internal tooling / mold revision
16.0	Pitch	11 mm / 13 mm / 16 mm / 21 mm / 27 mm / 34.5mm
02P	Number of Positions	1P to 12P
C	Internal Code	Color / variant identifier

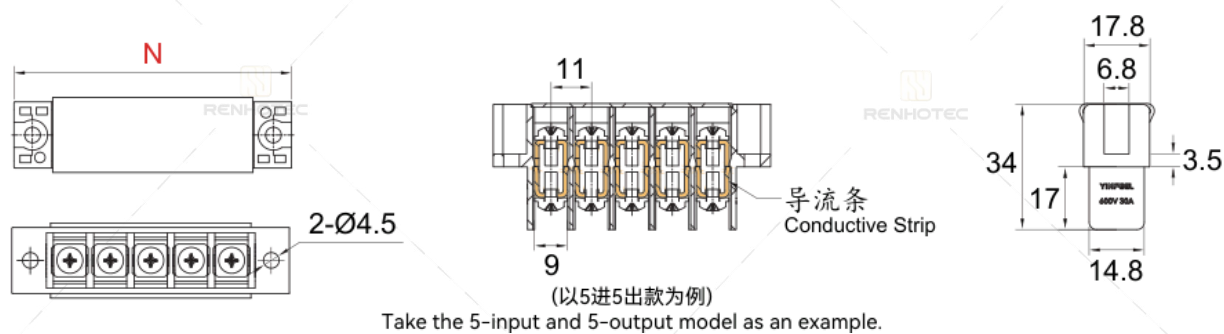
30A Through Wall Terminal Block

Bar-Type Screw Fastening · 600VDC Max · 30A



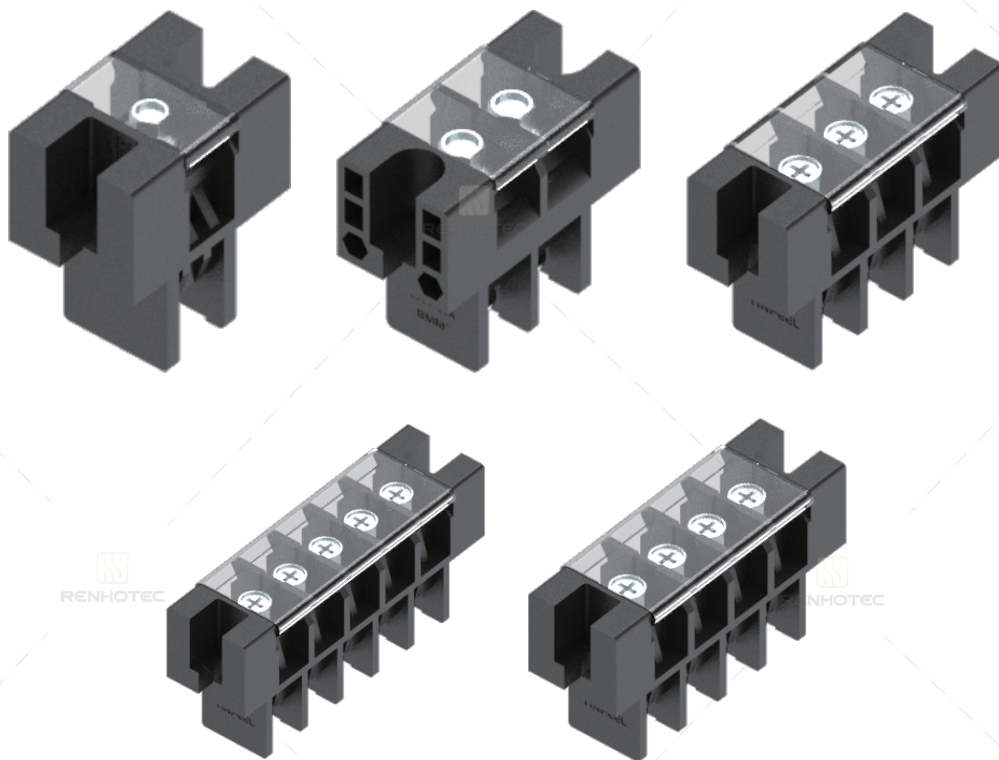
Conductor Material	Copper Alloy	Insulating Material	PBT+GF / PC Cap
Rated Current	30A	Rated Voltage	600VDC Max.
Proof Voltage	2500V AC/min	Insulation Resistance	DC 500V, >500MΩ
Cable Size	4mm ² (SC4-4)	Mounting Torque	1.5N·m
Wiring Lock Force	1N·m	Color	Red / Black

Dimension Reference



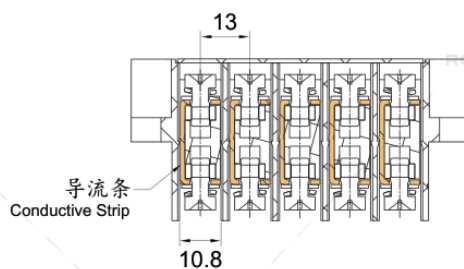
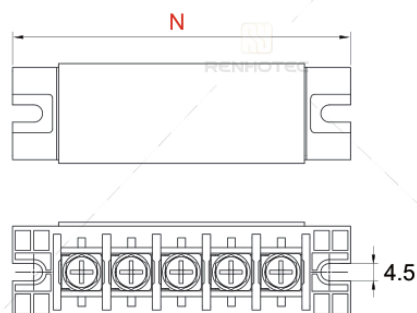
50A Through Wall Terminal Block

Bar-Type Screw Fastening · 600VDC Max · 50A

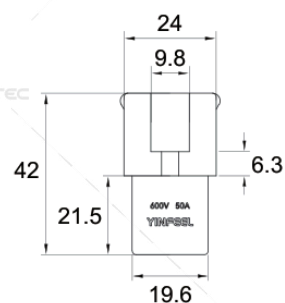


Conductor Material	Copper Alloy	Insulating Material	PBT+GF / PC Cap
Rated Current	50A	Rated Voltage	600VDC Max.
Proof Voltage	2500V AC/min	Insulation Resistance	DC 500V, >500MΩ
Cable Size	6 / 10mm ² (SC6-5 / SC10-5)	Mounting Torque	1.5N·m
Wiring Lock Force	3-5N·m	Color	Red / Black

Dimension Reference

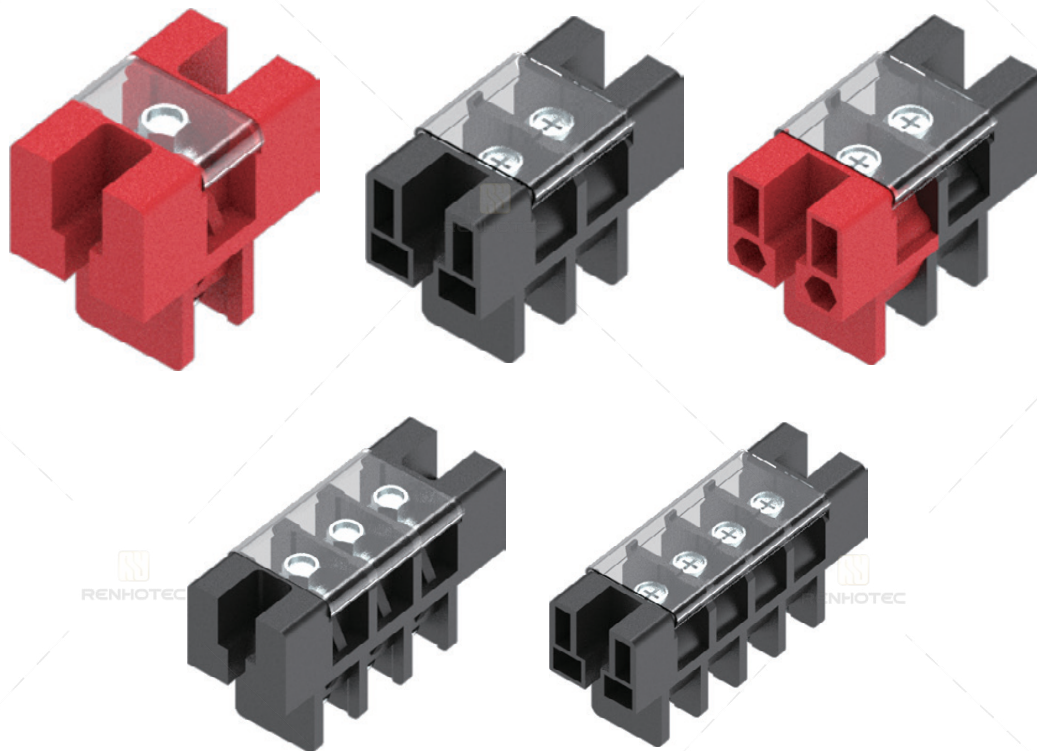


(以5进5出款为例)
Take the 5-input and 5-output model as an example.



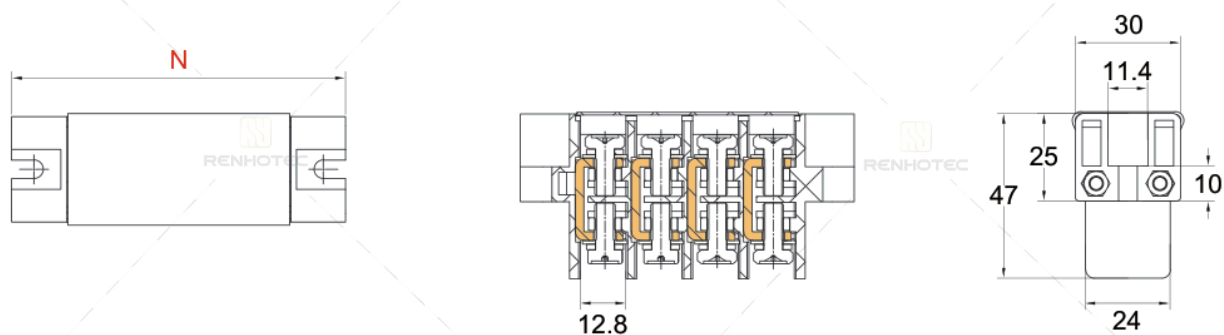
75A Through Wall Terminal Block

Bar-Type Screw Fastening · 600VDC Max · 75A



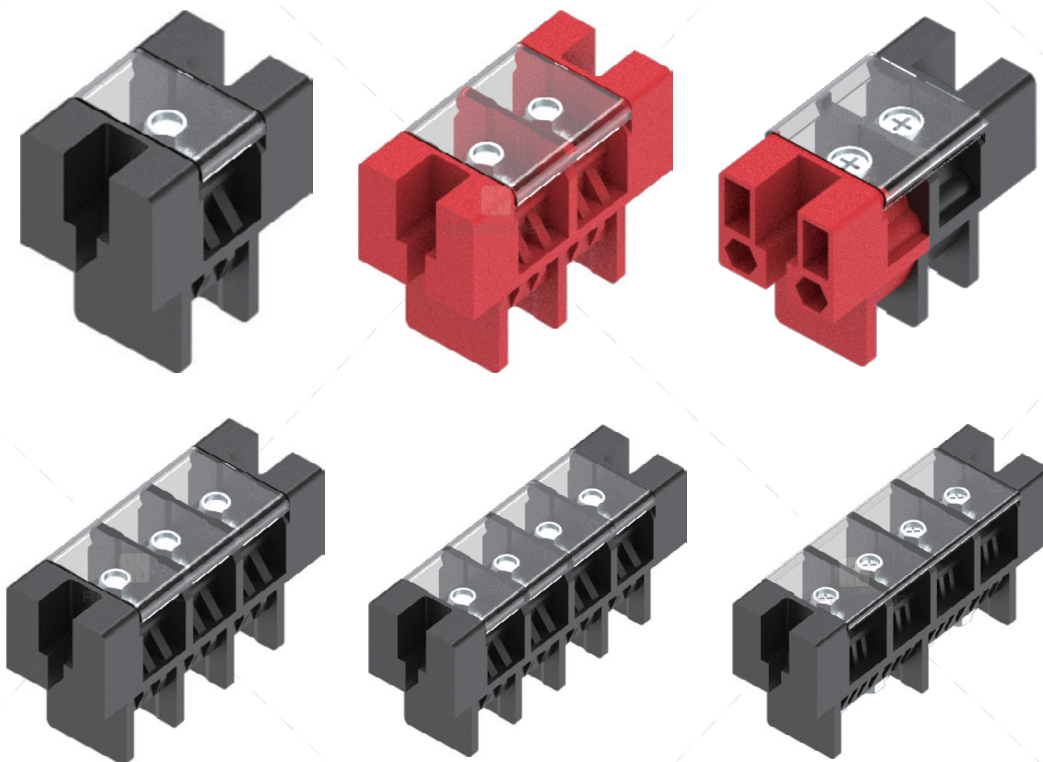
Metal Material	Copper Alloy	Insulating Material	PBT / PC Cap
Rated Current	75A	Rated Voltage	600VDC Max.
Insulation Resistance	DC 500V, >500MΩ	Cable Size	10 / 16mm ²
Screw Torque	3-5N·m	Color	Red / Black

Dimension Reference



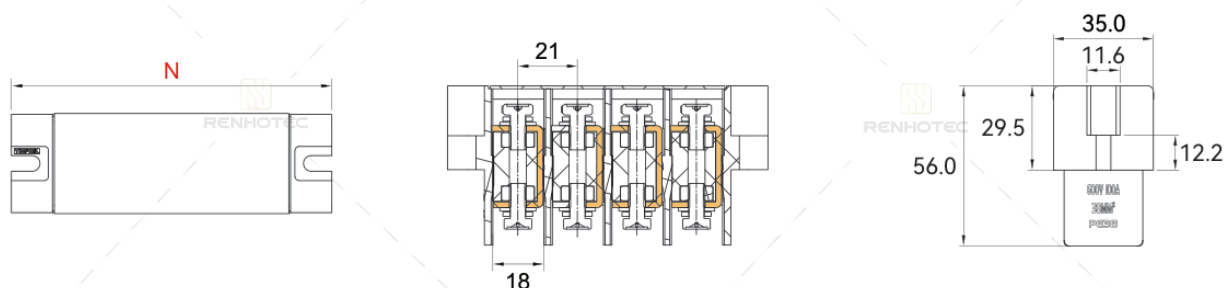
100A Through Wall Terminal Block

Bar-Type Screw Fastening · 600VDC Max · 100A



Conductor Material	Copper Alloy	Insulating Material	PBT+GF / PC Cap
Rated Current	100A	Rated Voltage	600VDC Max.
Proof Voltage	2500V AC/min	Insulation Resistance	DC 500V, >500MΩ
Cable Size	16 / 25mm ² (SC16-6 / SC25-6)	Mounting Torque	2N·m
Wiring Lock Force	6-8N·m	Color	Red / Black

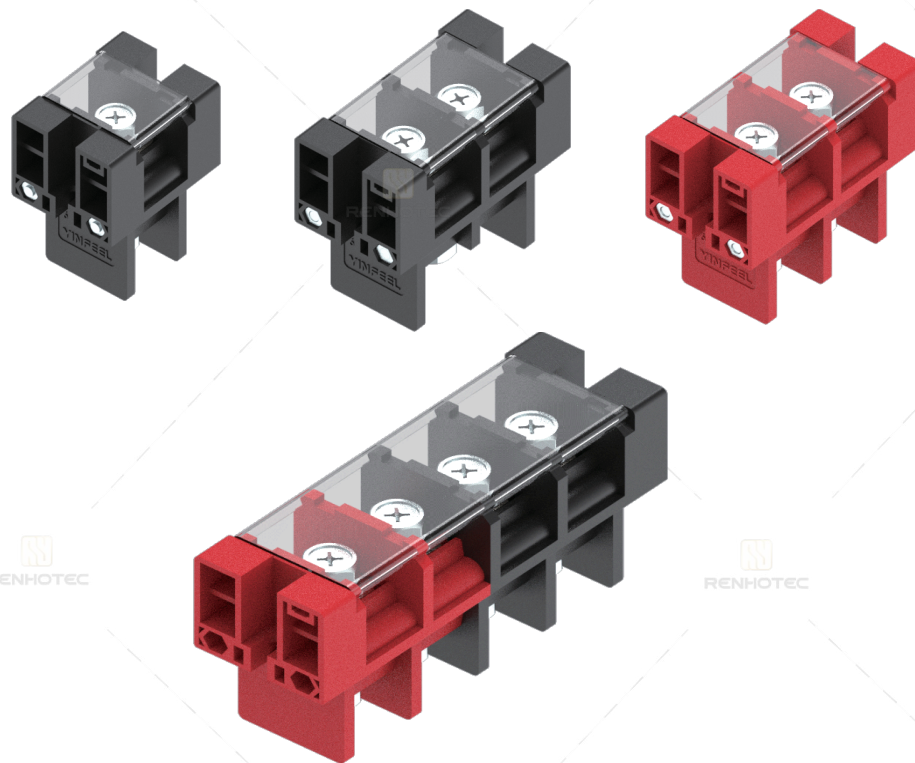
Dimension Reference



150A Through Wall Terminal Block

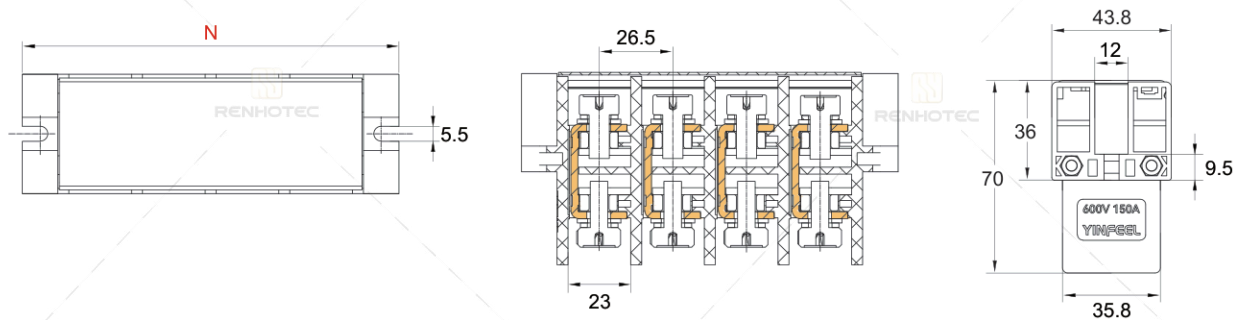


Bar-Type Screw Fastening · 600VDC Max · 150A



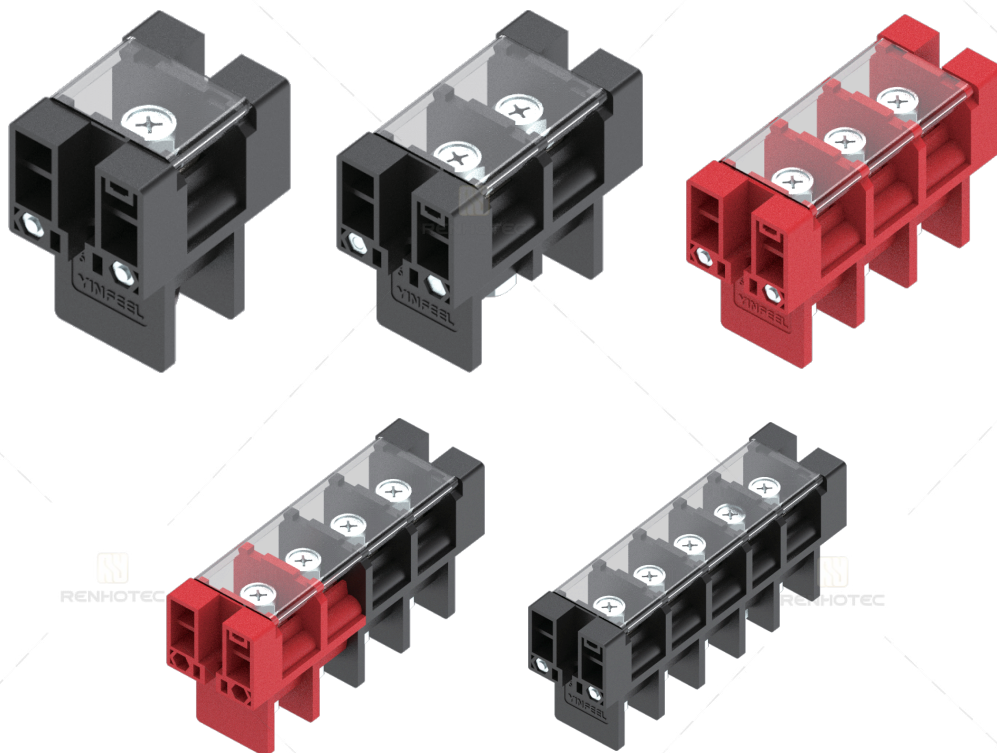
Conductor Material	Copper Alloy	Insulating Material	PBT+GF / PC Cap
Rated Current	150A	Rated Voltage	600VDC Max.
Proof Voltage	2500V AC/min	Insulation Resistance	DC 500V, >500MΩ
Cable Size	25 / 35mm ²	Mounting Torque	4N·m
Wiring Lock Force	8-10N·m	Color	Red / Black

Dimension Reference



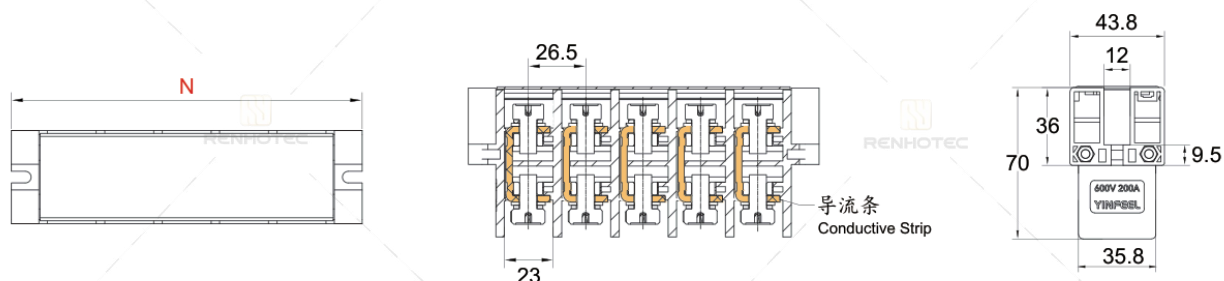
200A Through Wall Terminal Block

Bar-Type Screw Fastening · 600VDC Max · 200A



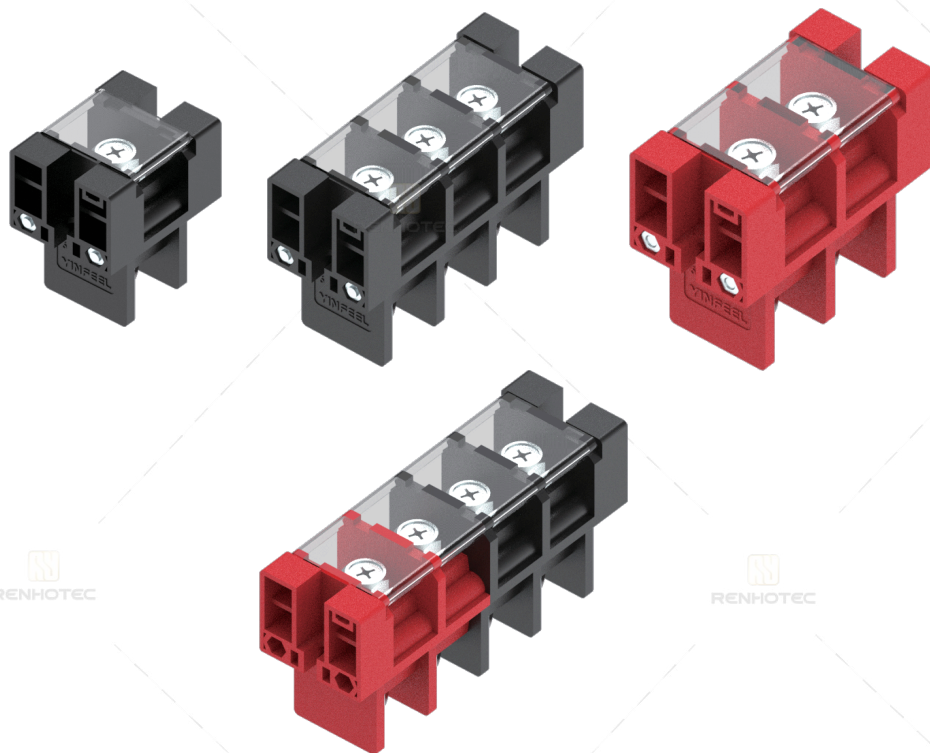
Conductor Material	Copper Alloy	Insulating Material	PBT+GF / PC Cap
Rated Current	200A	Rated Voltage	600VDC Max.
Proof Voltage	2500V AC/min	Insulation Resistance	DC 500V, >500MΩ
Cable Size	50mm ²	Mounting Torque	6N·m
Wiring Lock Force	10-12N·m	Color	Red / Black

Dimension Reference



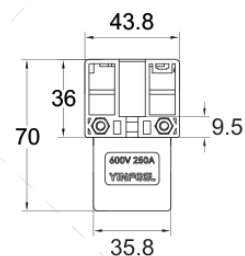
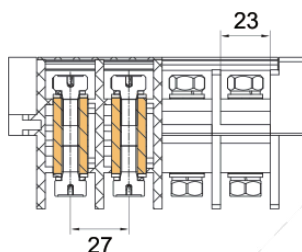
250A Through Wall Terminal Block

Bar-Type Screw Fastening · 600VDC Max · 250A



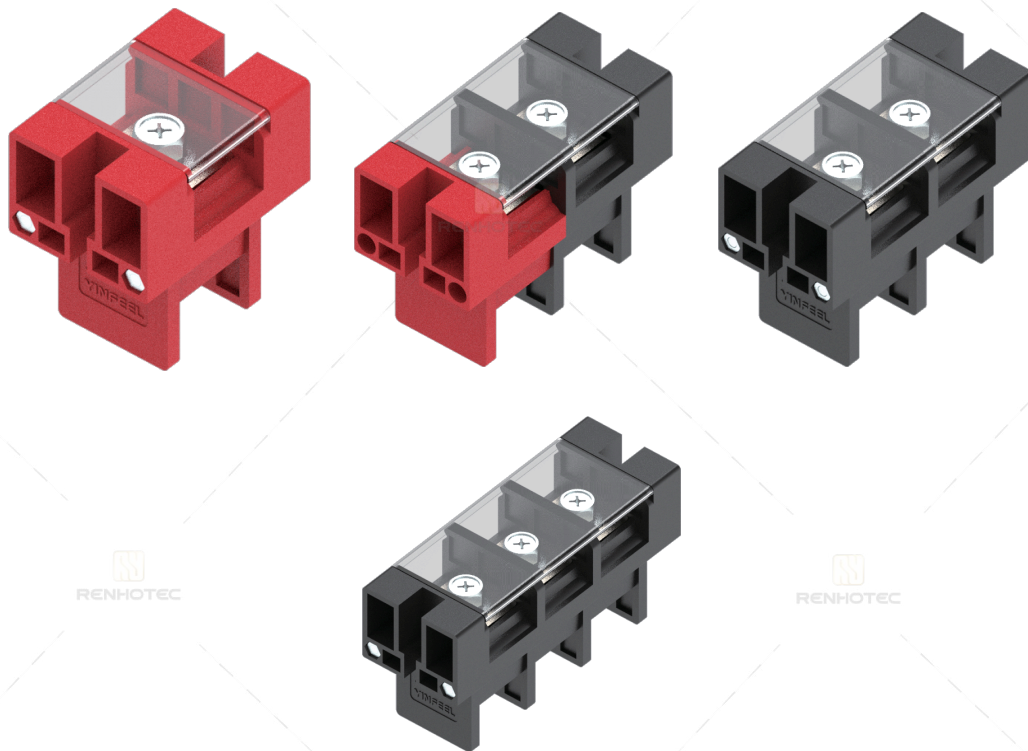
Conductor Material	Copper Alloy	Insulating Material	PBT+GF / PC Cap
Rated Current	250A	Rated Voltage	600VDC Max.
Proof Voltage	2500V AC/min	Insulation Resistance	DC 500V, >500MΩ
Cable Size	70mm ²	Mounting Torque	8N·m
Wiring Lock Force	12-15N·m	Color	Red / Black

Dimension Reference



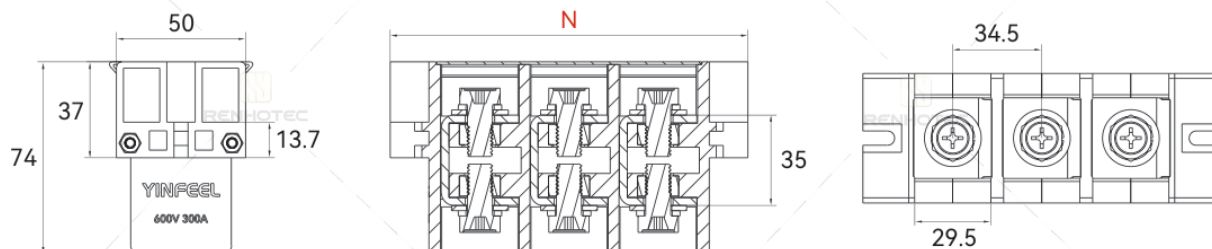
300A Through Wall Terminal Block

Bar-Type Screw Fastening · 600VDC Max · 300A



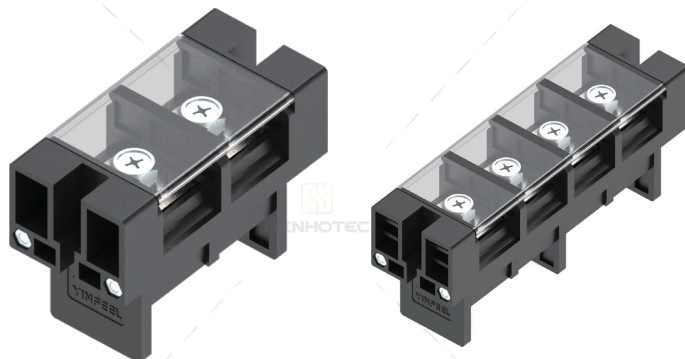
Conductor Material	Copper Alloy	Insulating Material	PBT+GF / PC Cap
Rated Current	300A	Rated Voltage	600VDC Max.
Proof Voltage	2500V AC/min	Insulation Resistance	DC 500V, >500MΩ
Cable Size	95mm ²	Mounting Torque	10N·m
Wiring Lock Force	12-15N·m	Color	Red / Black

Dimension Reference



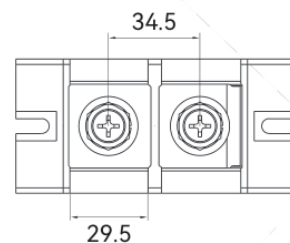
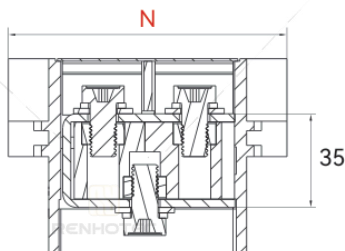
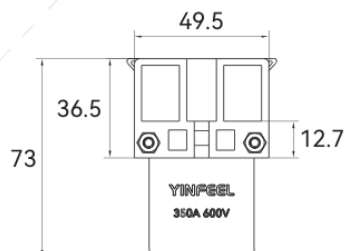
350A Through Wall Terminal Block

Bar-Type Screw Fastening · 600VDC Max · 350A



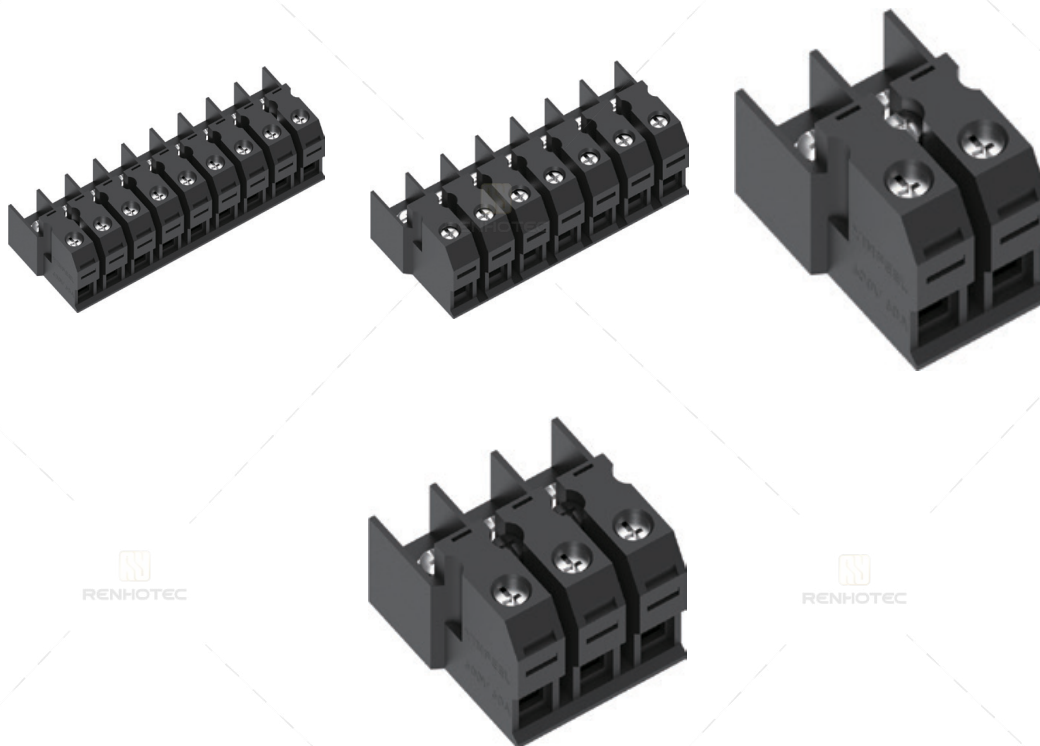
Metal Material	Copper Alloy	Insulating Material	PBT / PC Cap
Rated Current	350A	Rated Voltage	600VDC Max.
Insulation Resistance	DC 500V, >500MΩ	Cable Size	120mm ²
Screw Torque	10-12N·m	Color	Red / Black

Dimension Reference



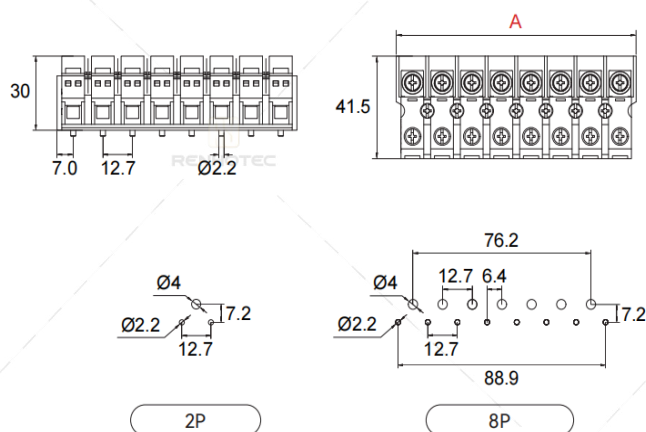
Multi-Pole Screw Terminal Blocks

60A · 600V AC · 2-9 Poles

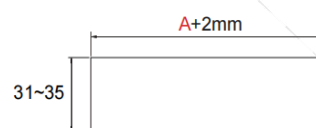
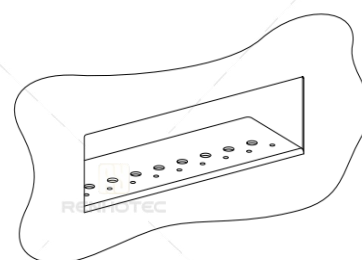


Insulating Material	PA6+GF	Metal Material	Copper Alloy
Rated Current	60A	Rated Voltage	600V AC
Withstand Voltage	3000V	Insulation Resistance	DC 500V, 500MΩ
Wire Range	0.2-10mm ²	Screw Torque	1.2 N·m

Dimension Reference



安装孔位
Mounting Hole Dimension



开孔参考尺寸
(以实物为主)
Reference size for opening
(based on actual product)

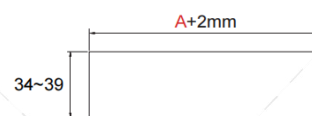
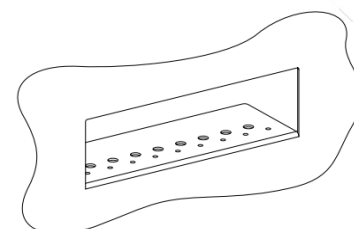
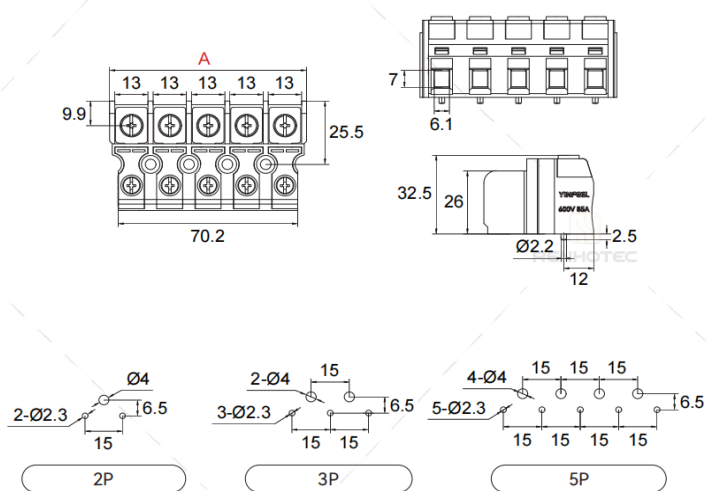
Heavy-Duty Screw Terminal Blocks

85A · 600V AC



Insulating Material	PA66+GF	Metal Material	Copper Alloy
Rated Current	85A	Rated Voltage	600V AC
Withstand Voltage	3000V	Insulation Resistance	DC 500V, 500MΩ
Wire Range	0.5-10mm ²	Screw Torque	3-5 N·m

Dimension Reference



开孔参考尺寸
(以实物为主)
Reference size for opening
(based on actual product)

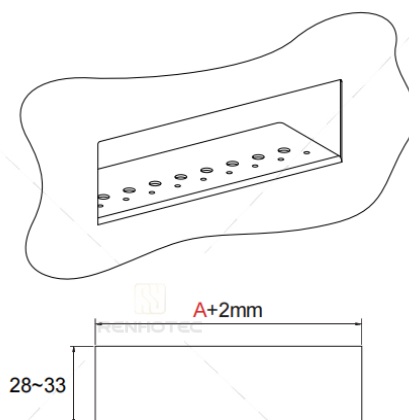
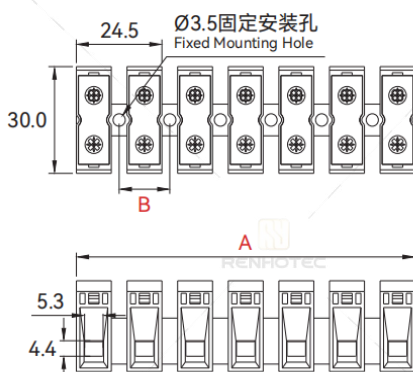
PCB-Mount Screw Terminal Blocks

20A / 50A / 65A · 600VDC Max



Insulating Material	PA66	Metal Material	Copper Alloy
Rated Current	20A / 50A / 65A	Rated Voltage	600VDC Max.
Withstand Voltage	3000V	Insulation Resistance	DC 500V, 500MΩ
Wire Range	20~2/0 AWG (max)	Screw Torque	2.5 N·m

Dimension Reference



开孔参考尺寸
(以实物为主)
Reference size for opening
(based on actual product)

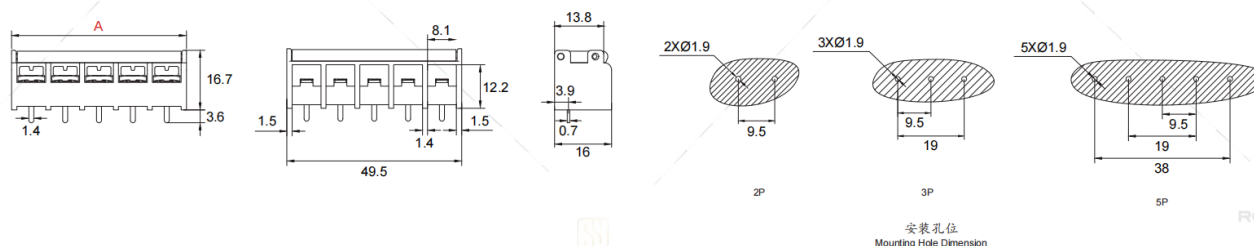
Mini PCB Terminal Blocks

10A · 300V



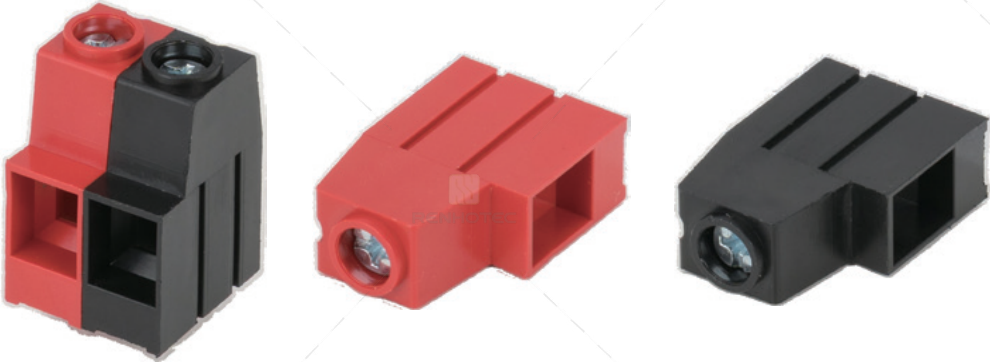
Insulating Material	PA66	Metal Material	Copper Alloy
Rated Current	10A	Rated Voltage	300V
Withstand Voltage	2000V	Insulation Resistance	DC 1000V, 5000MΩ
Wire Range	22~12 AWG	Screw Torque	0.8 N·m

Dimension Reference



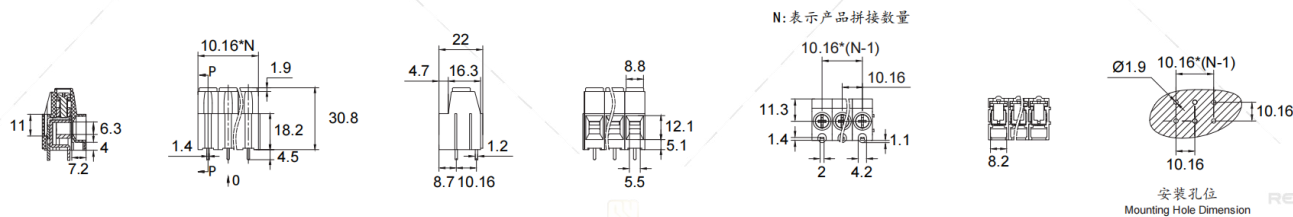
Splice Rail Terminal Blocks

60A · 690V



Insulating Material	PA66 UL94 V-0	Metal Material	Copper Alloy
Rated Current	60A	Rated Voltage	690V
Withstand Voltage	6000V	Insulation Resistance	1000V, 5000MΩ
Wire Range	20~6 AWG	Screw Torque	1.2 N·m

Dimension Reference



Panel-Mount Terminal Block

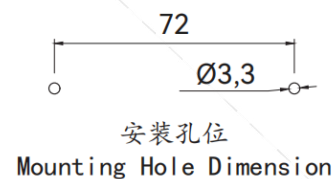
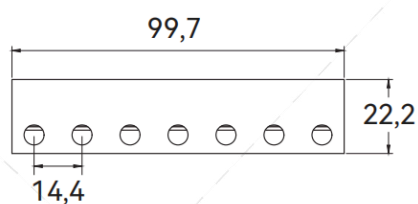
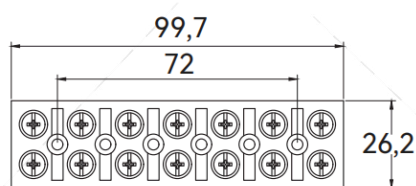


50A · 250V AC



Insulating Material	Resin	Metal Material	Copper Alloy
Rated Current	50A	Rated Voltage	250V AC
Withstand Voltage	3000V		

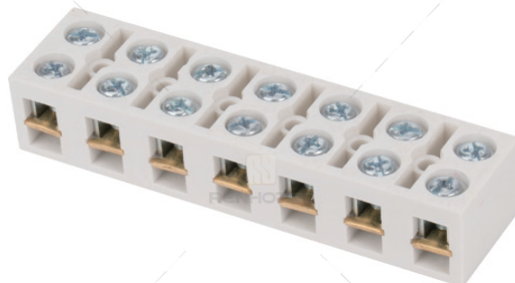
Dimension Reference



Panel-Mount Terminal Block

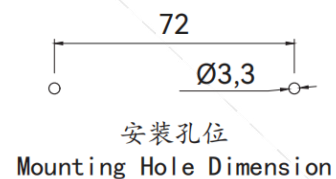
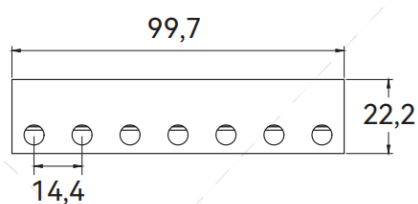
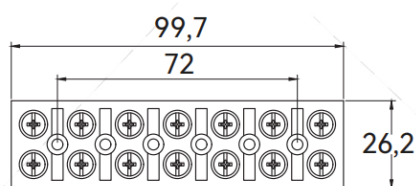


50A · 250V AC



Insulating Material	Resin	Metal Material	Copper Alloy
Rated Current	50A	Rated Voltage	250V AC
Withstand Voltage	3000V		

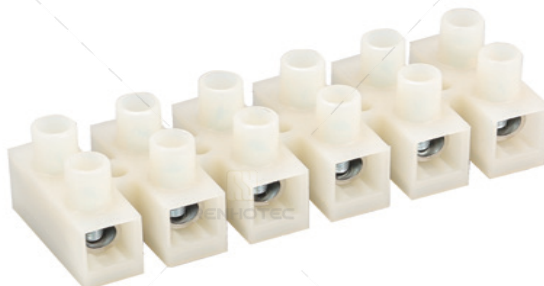
Dimension Reference



Panel-Mount Terminal Block

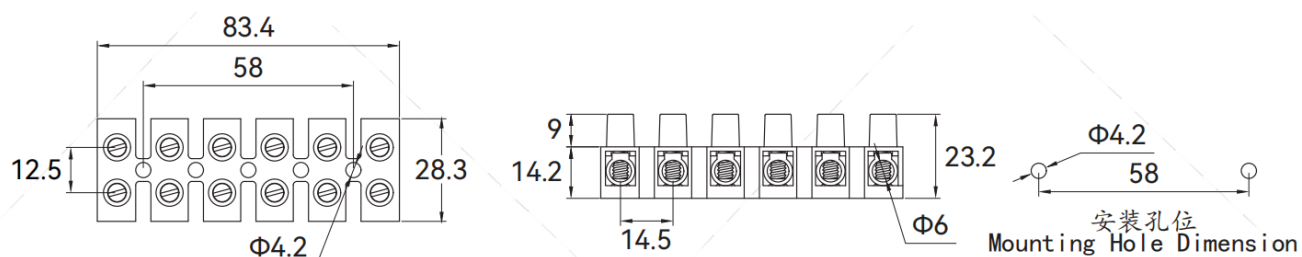


50A · 250V AC



Insulating Material	Resin	Metal Material	Copper Alloy
Rated Current	50A	Rated Voltage	250V AC
Withstand Voltage	3000V		

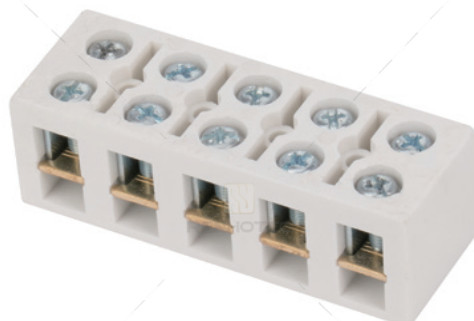
Dimension Reference



Panel-Mount Terminal Block

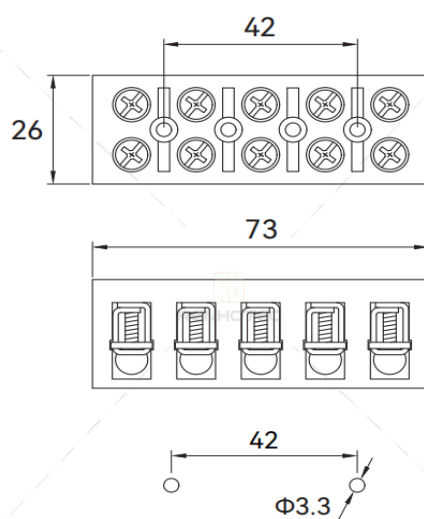


50A · 250V AC



Insulating Material	Resin	Metal Material	Copper Alloy
Rated Current	50A	Rated Voltage	250V AC
Withstand Voltage	3000V		

Dimension Reference



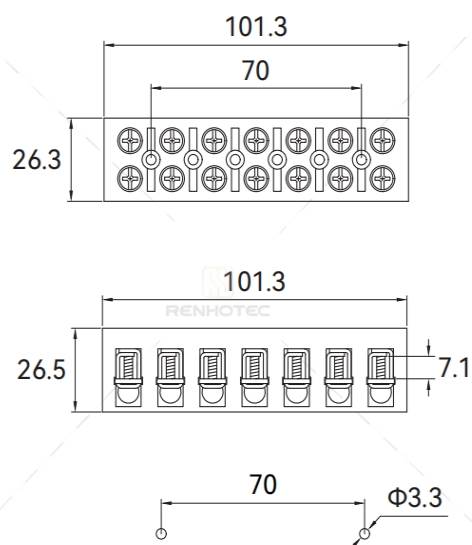
Panel-Mount Terminal Block

50A · 250V AC



Insulating Material	Resin	Metal Material	Copper Alloy
Rated Current	50A	Rated Voltage	250V AC
Withstand Voltage	3000V		

Dimension Reference



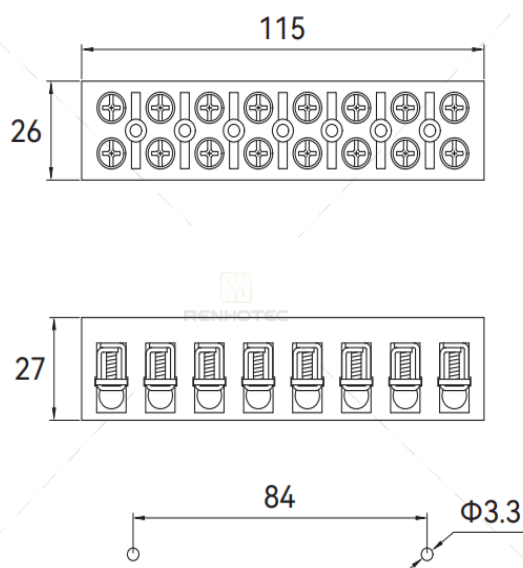
Panel-Mount Terminal Block

50A · 250V AC



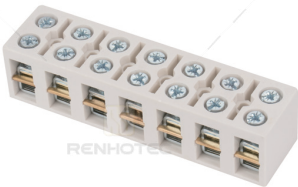
Insulating Material	Resin	Metal Material	Copper Alloy
Rated Current	50A	Rated Voltage	250V AC
Withstand Voltage	3000V		

Dimension Reference



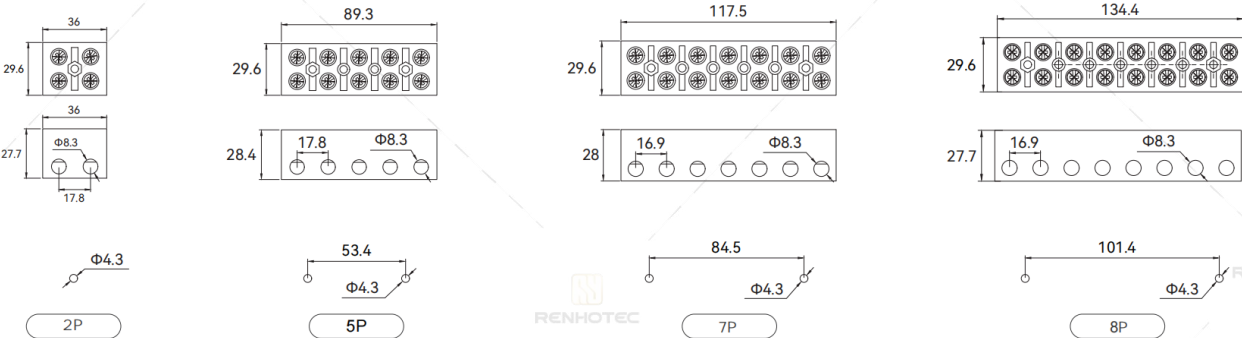
Panel-Mount Terminal Blocks

80A · 250V AC



Insulating Material	Resin	Metal Material	Copper Alloy
Rated Current	80A	Rated Voltage	250V AC
Withstand Voltage	3000V		

Dimension Reference



安装孔位
Mounting Hole Dimension

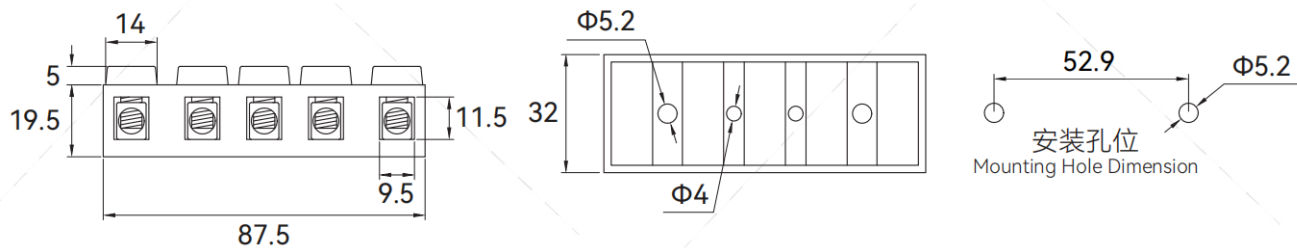
Rail & Mount Terminal Block

100A · 250V AC



Insulating Material	Bakelite	Metal Material	Copper Alloy
Rated Current	100A	Rated Voltage	250V AC
Withstand Voltage	3000V		

Dimension Reference



Rail & Mount Terminal Block

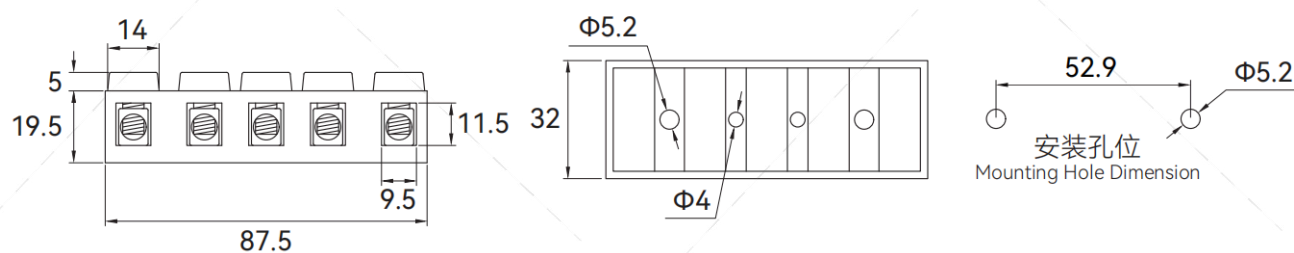


50A · 250V AC



Insulating Material	ABS	Metal Material	Copper Alloy
Rated Current	50A	Rated Voltage	250V AC
Withstand Voltage	3000V		

Dimension Reference



Compact Terminal Block

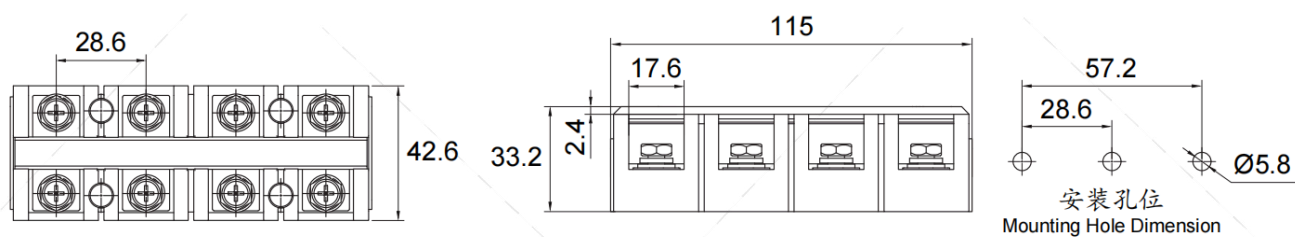


60A · 250V AC



Insulating Material	ABS	Metal Material	Copper Alloy
Rated Current	60A	Rated Voltage	250V AC
Withstand Voltage	3000V		

Dimension Reference



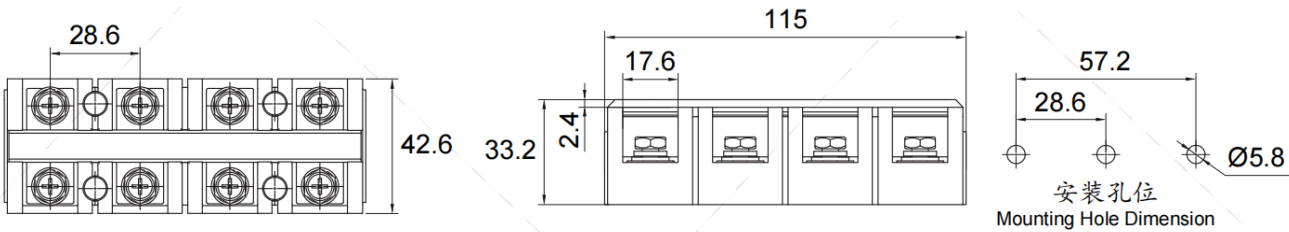
Compact Terminal Block

100A · 250V AC



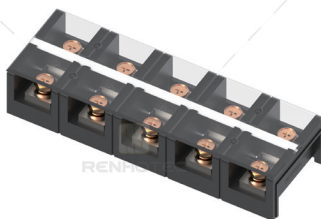
Insulating Material	ABS	Metal Material	Copper Alloy
Rated Current	100A	Rated Voltage	250V AC
Withstand Voltage	3000V		

Dimension Reference



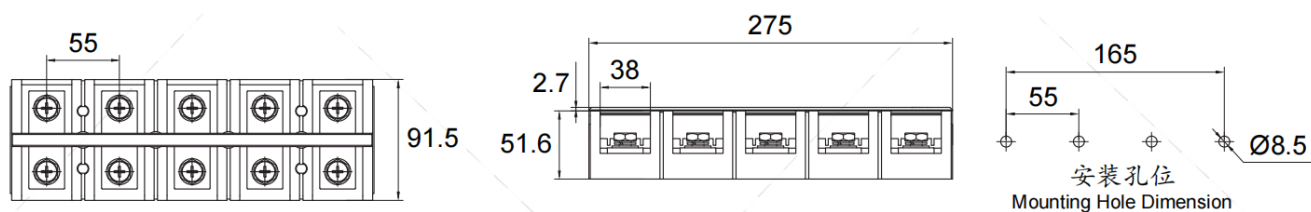
High-Current Terminal Block

300A · 250V AC



Insulating Material	ABS	Metal Material	Copper Alloy
Rated Current	300A	Rated Voltage	250V AC
Withstand Voltage	3000V		

Dimension Reference



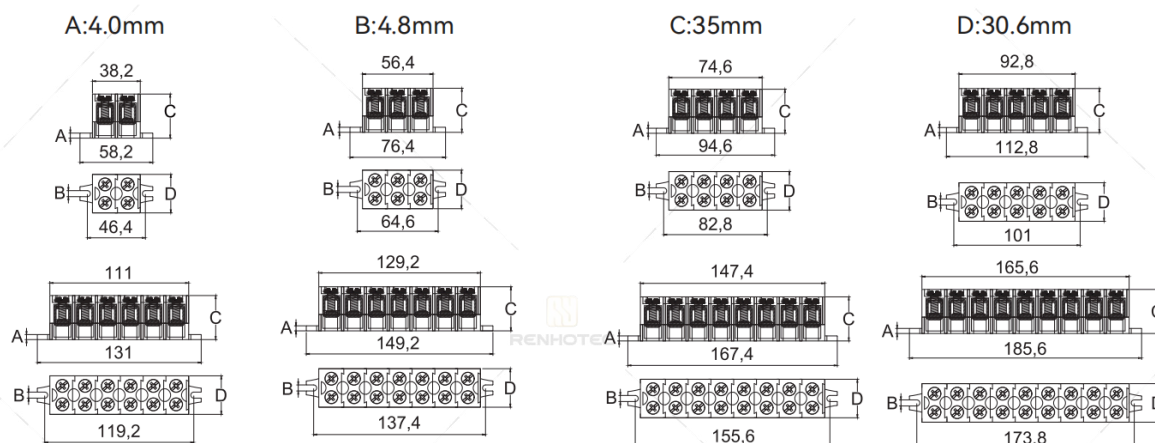
Modular Terminal Blocks

100A · 250V AC · 2-9 Poles



Insulating Material	ABS	Metal Material	Copper Alloy
Rated Current	100A	Rated Voltage	250V AC
Withstand Voltage	3000V		

Dimension Reference





Thank you for choosing RENHOTEV

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sale@renhotecev.com