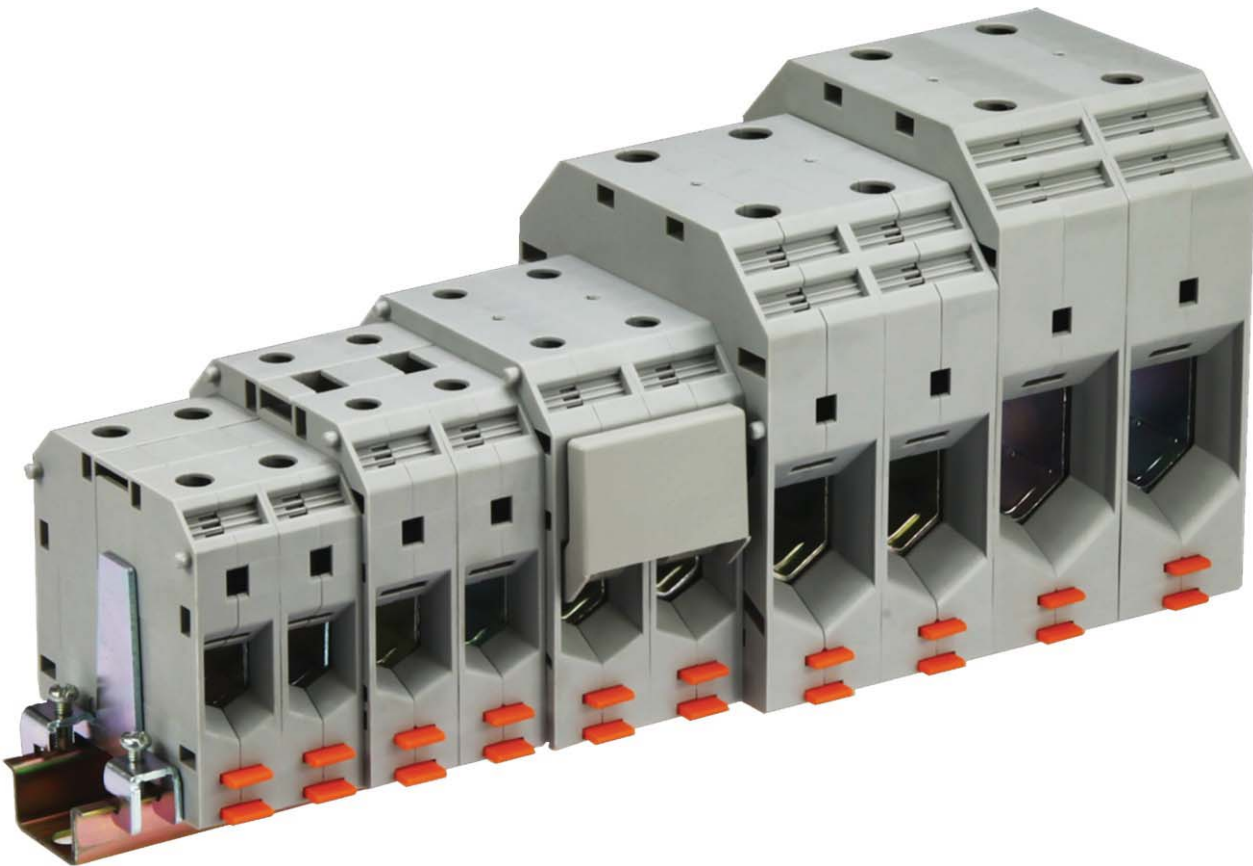


RHT SERIES

HIGH CURRENT TERMINAL BLOCKS

General Information

- > Steel-clamping structure with self-locking function and high contact pressure
- > Conform to RoHS compliance
- > Conductors' cross sectional area range: 25~240mm²



Specifications

Imported first-rate insulating material

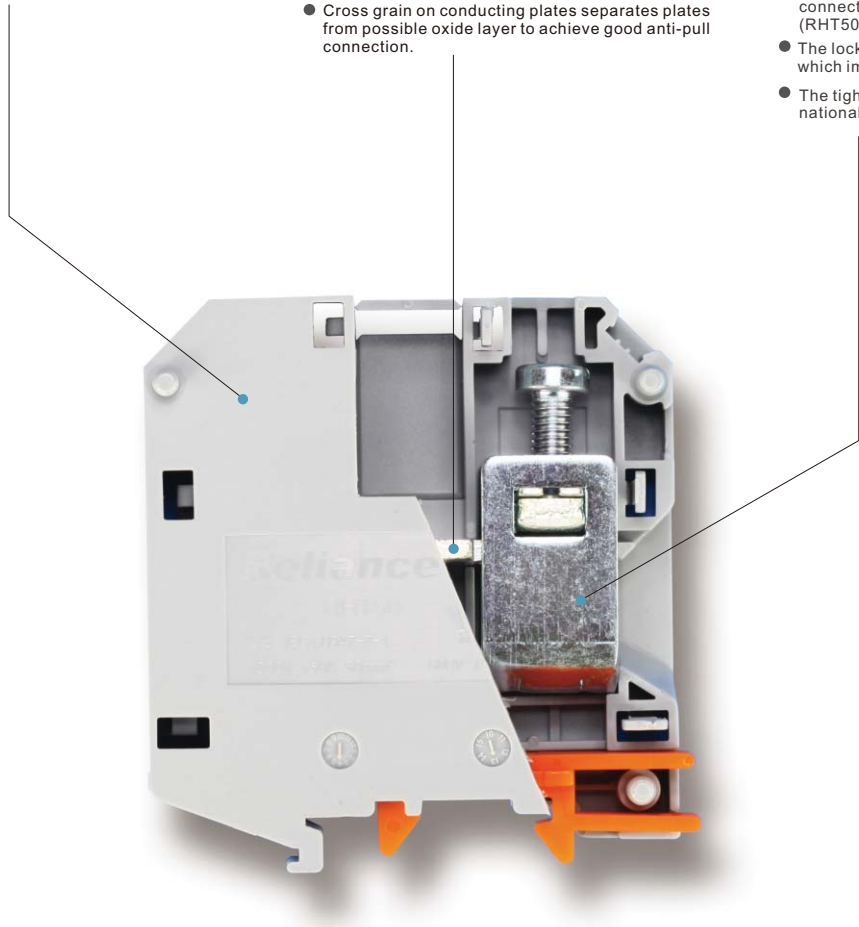
- Imported Nylon Pa66 guarantees good insulating properties, flammability, toughness and aging resistance for insulated parts.
- Highly corrosion resistance properties effectively resist termites, anaerobe, fungus, and commonly used detergent, like most oils, lipids, alcohol and carbon tetrachloride.

Good electrical properties

- Red-copper conducting plate prints lateral teeth marks. Tin-plating plates with high electricity and corrosion resistance properties ensure low contact resistance and good air tightness performance.
- World-wide-used steel-clamping structure made by carefully chosen steel strip achieves self-locking, anti-seismic and anti-loose functions, which guarantees lasting contact pressure.
- Cross grain on conducting plates separates plates from possible oxide layer to achieve good anti-pull connection.

Reliable mechanical properties

- Above clamping yoke, spring washer makes counterforce which acts on screw to achieve self-locking between screw and clamping yoke.
- The elasticity of clamping yoke itself can counterbalance the deformation caused by heat expansion and cold contraction, which achieves maintenance-free.
- This series apply inner hexagon screw to connect, which provides greater torque. (RHT50 also provides minus screw to connect.)
- The locker insulating part is totally enclosed, which improves structure stability and safety.
- The tightening torque is 50% higher than national standard.



Operating conditions

- Temperature: -25℃ ~+55℃
- Relative humidity: ≤90%
- Altitude: ≤2000m
- When terminal blocks operated in altitude 2000m, rated voltage will relatively descend, which caused by air cooling and decline of dielectric strength.
- Installation class: III
- Pollution degree: III

Standard requirement

- GB/T14048.7
- IEC60947-7-1
- UL1059

Certification

- CE
- UL
- RoHS



RHT50 Universal



RHT70 Universal



RHT95 Universal



RHT150 Universal











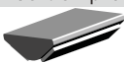




RHT240 Universal



RHT50PE Ground



RHT95PE Ground

Dimensions																											
Width/Length/Height (ㄱ/ㄴ)mm			70.5/20.5/ (83.5/81.5)			76/22.5/ (92/89.8)			83/25/ (97.5/95.5)						100/31/ (118.5/116)			100/36/ (131.5/129.5)			70.5/20.5/ (83.5/81.5)			83/25/ (97.5/95.5)			
Stripping Length(mm)/Clamping screw/Tightening torque▲			24/M6/ (6-8)			24/M8▲/ (15-20)			33/M8▲/ (15-20)						40/M10▲/ (25-30)			40/M10▲/ (25-30)			24/M6/ (6-8)			33/M8▲/ (15-20)			
Rated data																											
Rated Voltage/Rated current/Rated cross-section			1000V/150A/50mm ²			1000V/192A/70mm ²			1000V/232A/95mm ²						1000V/309A/150mm ²			1000V/415A/240mm ²			50mm ²			95mm ²			
Rated impulse voltage/Pollution severity			8kV/3			8kV/3			8kV/3						8kV/3			8kV/3			8kV/3			8kV/3			
Cross-connection I _{max}			I _{max} :150A			I _{max} :192A			I _{max} :232A						I _{max} :300A			I _{max} :382A									
Clampable conductors(mm ²)																											
Solid																											
Stranded			25·····50			25·····70			35·····95						50·····150			70·····240			25·····50			35·····95			
Stranded with ferrule			25·····50			25·····70			35·····95						50·····150			70·····240			25·····50			35·····95			
Max. clampable conductors with insertion bridge (Solid/ Stranded)									95/70						150/120			240/185									
Ordering data		Color	Tool	Type	Qty	Order No.	Type	Qty	Order No.	Type	Qty	Order No.	Type	Qty	Order No.	Type	Qty	Order No.	Type	Qty	Order No.	Type	Qty	Order No.			
		 Grey		RHT50 GY	10	811045	RHT70 GY	10	811011	RHT95 GY	10	811009		RHT150 GY	5	811010	RHT240 GY	5	811014	RHT50PE 	10	811321	RHT95PE	5	811315		
				RHT50 GY	10	811008													RHT50PE 	10	811314						
Cross-connection																											
		2-Pole	CQ2-50		811172	CQ2-70		811202																			
		3-Pole	CQ3-50		811173	CQ3-70		811203																			
		4-Pole	CQ4-50		811174																						
Insertion bridge																											
		2-Pole					CQB2-95		811272		CQB2-150		811282	CQB2-240		811312											
		3-Pole					CQB3-95		811273		CQB3-150		811283	CQB3-240		811313											
End bracket			Thickness:9.5mm																								
		RF1 Thickness 12mm Only for RTR35X15 rail mounting	RF1		810089	RF1		810089	RF1		810089		RF1		810089	RF1		810089	RF1		810089	RF1		810089			
		GDQ2 Thickness 14mm Only for RTR32X15 rail mounting	GDQ2		847011	GDQ2		847011	GDQ2		847011		GDQ2		847011	GDQ2		847011	GDQ2		847011	GDQ2		847011			
Insertion profile																											
		Set on the bottom of the clamping Yoke to connect flat cable.	RHT50-CC		811935	RHT70-CC		811936	RHT95-CC		811937		RHT150-CC		811938	RHT240-CC		811939	RHT50-CC		811935	RHT95-CC		811937			
Screwdriver																											
		Size(thickness* width)	1.2X8.0	Allen wrench S=5mm		Allen wrench S=6mm			Allen wrench S=6mm						Allen wrench S=8mm			Allen wrench S=8mm			1.2X8.0		Allen wrench S=5mm		Allen wrench S=6mm		
Marking tags																											
		Blank	TM10.5/10		811905	TM10.5/10		811905	TM10.5/10		811905		TM10.5/10		811905	TM10.5/10		811905	TM10.5/10		811905	TM10.5/10		811905			
		Marking direction: horizontal	TM10.5/10H		811915	TM10.5/10H		811915	TM10.5/10H		811915		TM10.5/10H		811915	TM10.5/10H		811915	TM10.5/10H		811915	TM10.5/10H		811915			
		Marking direction: vertical	TM10.5/10V		811925	TM10.5/10V		811925	TM10.5/10V		811925		TM10.5/10V		811925	TM10.5/10V		811925	TM10.5/10V		811925	TM10.5/10V		811925			

* Note: ∇ for RTR35*7.5, \sqsubset for RTR32*15.

▲ Note: Allen screw.