

# RIT SERIES

## PUSH-IN TERMINAL BLOCKS

### General Information

- > Solid connection provided by push-in clamping structure of stainless steel, self-locking while pushing wire in
- > Easy to connect by directly pushing conductors or conductors with ferrule in the terminal block, no tool needed.
- > Lasting protection in severe environment of humidity and salt-fog
- > Conform to RoHS compliance
- > Conductor cross sectional area range: 0.2-16 mm<sup>2</sup>
- > Multi-functional terminal blocks as Universal, Double, Double level with link, Ground, Test and Fuse are optional.

### Model overview

RIT1.5	RIT1.5PE	RIT1.5TO	RIT1.5TO-PE	RIT1.5FO	RIT1.5FO-PE	RIT1.5/3L
RIT2.5	RIT2.5PE	RIT2.5TO	RIT2.5TO-PE	RIT2.5FO	RIT2.5FO-PE	RIT1.5/3LA
RIT4	RIT4PE	RIT4TO	RIT4TO-PE	RIT4FO	RIT4FO-PE	RIT2.5/3L
RIT6	RIT6PE	RIT6TO	RIT6TO-PE	RIT6FO	RIT6FO-PE	RIT2.5/3LA
RIT10	RIT10PE	RIT10TO				
RIT16	RIT16PE					
RIT1.5D	RIT1.5D-PE	RIT1.5DV				
RIT2.5D	RIT2.5D-PE	RIT2.5DV				
RIT4D	RIT4D-PE	RIT4DV				
RIT4F	RIT4FLD	RIT4SW	RIT6T			



## Product details



### First-rate insulating material

- Imported Nylon PA66 guarantees good insulating properties, flame retardancy, 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.



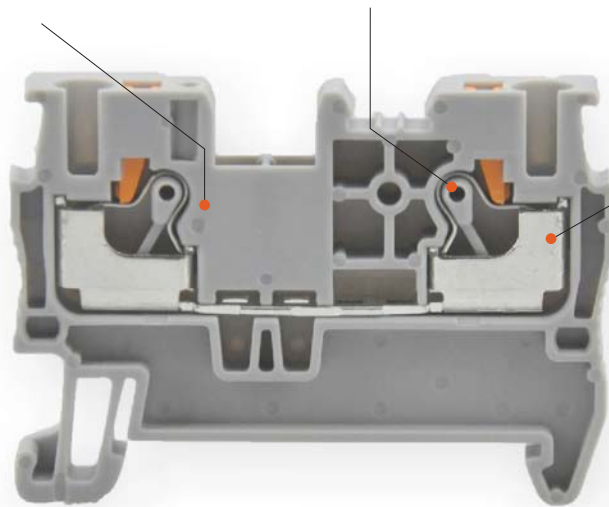
### Good spring cage clamping

- Clamping structure adopts stainless steel spring cage to guarantee reliable connections. Spring clips are made of high quality stainless steel strip, which provide high tensile strength and good shock resistance. It can be used in



### Convenient clamping mode

- Easy to be connected by directly pushing hard conductors or conductors with ferrule in the terminal block, no tool needed and saving installation time.



### Operating conditons

- Max. operating temperature: +55°C
  - Min. static operating temperature: -25°C
  - Relative humidity: ≤90%
  - Altitude: ≤2000m
- When terminal blocks operated at the height over 2000m, rated voltage would relatively descend, which is caused

- Installation type: III
- Pollution severity: Grade 3

### Applicable standards

- GB/T14048 7/8/18
- IEC60947\_7\_1/\_2/\_3
- UL1059

### Certificate

- CE

## Accessories



### [ End cover ]

> It is used to seal open side of terminal block strip and to separate different types of terminal blocks.



### [ Marking tags ]

> TM6.5 series marking tags can be installed on each side of terminal block strip.

> TM10.5 series marking tags can be installed on top



### [ Plug-in bridge ]

> Plug it into the cross channel of terminal blocks to achieve cross connection.

> Terminal block provides two poles for extending rated current freely.



### [ Test plug ]

> CPS2.3, CPS4, and CPS6T are composed of metal parts and insulating sleeve, which is used for terminal

# Electrical Connections



RIT1.5 Universal

RIT2.5 Universal

RIT4 Universal

Dimensions		RIT1.5 Universal	RIT2.5 Universal	RIT4 Universal							
Length/Width/Height (↖/↗)mm *		46.5/3.5/ ( 32.3/39.8 )	48.5/5.2/ ( 36.5/44 )	54/6.2/ ( 36.5/44 )							
Stripping length(mm)		8-10mm	8-10mm	10-12mm							
Rated data											
Rated Voltage/Rated current/Rated cross-section		500V/17.5A/1.5mm <sup>2</sup>	1000V/24A/2.5mm <sup>2</sup>	1000V/32A/4mm <sup>2</sup>							
Rated impulse voltage/Pollution severity		6kV/3	8kV/3	8kV/3							
Cross-connection I <sub>max</sub>		17.5A	24A	32A							
Clampable conductors(mm <sup>2</sup> )											
Solid		0.2.....1.5	0.2.....4	0.2.....6							
Stranded with ferrule		0.2.....1	0.2.....2.5	0.2.....4							
Ordering data		Color	Type	Qty	Order No.	Type	Qty	Order No.	Type	Qty	Order No.
		Grey	RIT1.5 GY	100	826000	RIT2.5 GY	100	826010	RIT4 GY	100	826020
		Blue	RIT1.5 BU	100	826001	RIT2.5 BU	100	826011	RIT4 BU	100	826021
End cover			Thickness 2.2mm			Thickness 2.2mm			Thickness 2.2mm		
		Grey	RIP1.5 GY	100	826300	RIP2.5 GY	100	826301	RIP4 GY	100	826302
		Blue	RIP1.5 BU	100	826324	RIP2.5 BU	100	826325	RIP4 BU	100	826326
Plug-in bridge											
		2-Pole	RPL2-1.5A RD	10	836302	RPL2-2.5	10	815112	RPL2-4	10	815122
		3-Pole	RPL3-1.5A RD	10	836303	RPL3-2.5	10	815113	RPL3-4	10	815123
		4-Pole	RPL4-1.5A RD	10	836304	RPL4-2.5	10	815114	RPL4-4	10	815124
		10-Pole	RPL10-1.5A RD	10	836310	RPL10-2.5	10	815120	RPL10-4	10	815130
Test plug											
			CPS2.3	10	811089	CPS2.3	10	811089	CPS2.3	10	811089
Converting test donning											
			RPC	10	815086	RPC	10	815086	RPC	10	815086
End bracket											
		Thickness: 9.5mm	RF3	10	815088	RF3	10	815088	RF3	10	815088
Screwdriver											
		Size	0.4X2.5			0.6X3.5			0.6X3.5		
Marking tags											
		Blank	TM8.5/3.5	10	826901	TM10.5/5	10	811902	TM10.5/6	10	811903
		Marking direction: horizontal	TM8.5/3.5H	10	826911	TM10.5/5H	10	811912	TM10.5/6H	10	811913
		Marking direction: vertical	TM8.5/3.5V	10	826921	TM10.5/5V	10	811922	TM10.5/6V	10	811923
Marking tags											
		Blank	TM6.5/3.5	10	826902	TM6.5/5	10	815902	TM6.5/6	10	815903
		Marking direction: horizontal	TM6.5/3.5H	10	826912	TM6.5/5H	10	815912	TM6.5/6H	10	815913
		Marking direction: vertical	TM6.5/3.5V	10	826922	TM6.5/5V	10	815922	TM6.5/6V	10	815923

\* Note: ↖ for RTR35\*7.5, ↗ for RTR35\*15.

▲ Note: Please choose the right tool strictly following the torque range.

# RIT SERIES PUSH-IN TERMINAL BLOCKS

03/04

RIT6 Universal			RIT10 Universal			RIT16 Universal			RIT1.5D Double level		
57.7/8.2/ ( 43.7/51.2 )			67.8/10/ ( 44.3/51.8 )			79/12/ ( 46.3/53.8 )			70.9/3.5/ ( 42.6/50.1 )		
10-12mm			18mm			18mm			8-10mm		
1000V/41A/6mm <sup>2</sup>			1000V/57A/10mm <sup>2</sup>			1000V/76A/16mm <sup>2</sup>			500V/17.5A/1.5mm <sup>2</sup>		
8kV/3			8kV/3			8kV/3			6kV/3		
41A			57A			76A			17.5A		
1.....10			1.5.....16			0.5.....25			0.2.....1.5		
0.5.....6			0.5.....10			0.5.....16			0.2.....1		
Type	Qty	Order No.	Type	Qty	Order No.	Type	Qty	Order No.	Type	Qty	Order No.
RIT6 GY		826030	RIT10 GY	50	826040	RIT16 GY	25	826050	RIT1.5D GY	50	826280
RIT6 BU		826031	RIT10 BU	50	826041	RIT16 BU	25	826051	RIT1.5D BU	50	826281
Thickness 2.2mm			Thickness 2.2mm			Thickness 2.2mm			Thickness 2.2mm		
RIP6 GY		826303	RIP10 GY	50	826304	RIP16 GY		826350	RIP1.5D GY		826321
RIP6 BU		826327	RIP10 BU	50	826328	RIP16 BU		826351	RIP1.5D BU		826322
RPL2-6	10	815132	RPL2-10	10	815142	RPL2-16		815152	RPL2-1.5ARD	10	836302
RPL3-6	10	815133							RPL3-1.5ARD	10	836303
RPL4-6	10	815134							RPL4-1.5ARD	10	836304
RPL10-6	10	815140							RPL10-1.5ARD	10	836310
CPS2.3		811089	CPS2.3		811089	CPS2.3		811089	CPS2.3		811089
RPC		815086	RPC		815086	RPC		815086	RPC		815086
RF3		815088	RF3		815088	RF3		815088	RF3		815088
0.8X4.0			0.8X4.0			0.4X2.5			0.4X2.5		
TM10.5/8		811904	TM10.5/10		811905	TM10.5/10		811905			
TM10.5/8H		811914	TM10.5/10H		811915	TM10.5/10H		811915			
TM10.5/8V		811924	TM10.5/10V		811925	TM10.5/10V		811925			
TM6.5/8		815904	TM6.5/8		815904	TM6.5/8		815904	TM6.5/3.5		826902
TM6.5/8H		815914	TM6.5/8H		815914	TM6.5/8H		815914	TM6.5/3.5H		826912
TM6.5/8V		814924	TM6.5/8V		814924	TM6.5/8V		814924	TM6.5/3.5V		826922

# Electrical Connections



RIT1.5DV Double level with link



RIT2.5D Double level



RIT2.5DV Double level with link

Dimensions											
Length/Width/Height (L/W/H)mm *			70.9/3.5/ (42.6/50.1)		78/5.2/ (47.1/54.6)		78/5.2/ (47.1/54.6)				
Stripping length(mm)			8-10mm		8-10mm		8-10mm				
Rated data											
Rated Voltage/Rated current/Rated cross-section			500V/17.5A/1.5mm <sup>2</sup>		800V/24A/2.5mm <sup>2</sup>		800V/24A/2.5mm <sup>2</sup>				
Rated impulse voltage/Pollution severity			6kV/3		8kV/3		8kV/3				
Cross-connection I <sub>max</sub>			17.5A		24A		24A				
Clampable conductors(mm <sup>2</sup> )											
Solid			0.2.....1.5		0.2.....4		0.2.....4				
Stranded with ferrule			0.2.....1		0.2.....2.5		0.2.....2.5				
Ordering data		Color	Type	Qty	Order No.	Type	Qty	Order No.	Type	Qty	Order No.
		Grey	RIT1.5DV GY		826290	RIT2.5D GY		826150	RIT2.5DV GY		826160
		Blue	RIT1.5DV BU		826291	RIT2.5D BU		826151	RIT2.5DV BU		826161
End cover			Thickness 2.2mm			Thickness 2.2mm			Thickness 2.2mm		
		Grey	RIP1.5D GY		826321	RIP2.5D GY		826012	RIP2.5D GY		826012
		Blue	RIP1.5D BU		826322	RIP2.5D BU		826339	RIP2.5D BU		826339
Plug-in bridge											
		2-Pole	RPL2-1.5A RD		836302	RPL2-2.5		815112	RPL2-2.5		815112
		3-Pole	RPL3-1.5A RD		836303	RPL3-2.5		815113	RPL3-2.5		815113
		4-Pole	RPL4-1.5A RD		836304	RPL4-2.5		815114	RPL4-2.5		815114
		10-Pole	RPL10-1.5A RD		836310	RPL10-2.5		815120	RPL10-2.5		815120
Test plug											
			CPS2.3		811089	CPS2.3		811089	CPS2.3		811089
Converting test donning											
								815086	RPC		815086
End bracket											
		Thickness: 9.5mm	RF3	50	815088			815088	RF3	50	815088
Screwdriver											
		Size	0.4X2.5			0.6X3.5			0.6X3.5		
Marking tags											
		Blank	TM6.5/3.5		826902	TM6.5/5		815902	TM6.5/5		815902
		Marking direction: horizontal	TM6.5/3.5H		826912	TM6.5/5H		815912	TM6.5/5H		815912
		Marking direction: vertical	TM6.5/3.5V		826922	TM6.5/5V		815922	TM6.5/5V		815922

\* Note: for RTR35\*7.5, for RTR35\*15.

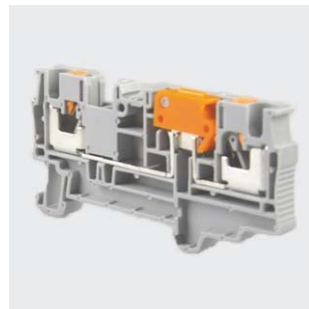
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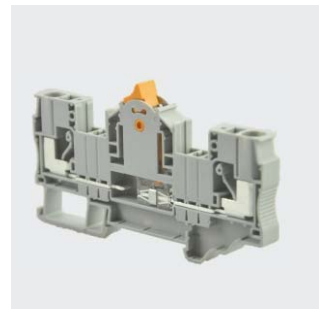
# Electrical Connections



RIT4FLD Fuse with indicator



RIT4SW Knife connect



RIT6T Test

Dimensions		RIT4FLD Fuse with indicator				RIT4SW Knife connect				RIT6T Test				
Length/Width/Height (L/W/H)mm *		67.2/8.2/ ( 42.7/50.2 )				73.1/6.2/ ( 36.5/44 )				96.9/8.2/ (55.9/63.4)				
Stripping length(mm)		10-12mm				10-12mm				10-12mm				
Rated data														
Rated Voltage/Rated current/Rated cross-section		-/6.3A/4mm <sup>2</sup>				1000V/20A/4mm <sup>2</sup>				1000V/32A/6mm <sup>2</sup>				
Rated impulse voltage/Pollution severity		8kV/3				8kV/3				8kV/3				
Cross-connection I <sub>max</sub>		32A				32A				32A				
Clampable conductors(mm <sup>2</sup> )														
Solid		0.2..... 6				0.2..... 6				1.....10				
Stranded with ferrule		0.2..... 4				0.2..... 4				0.5.....6				
Ordering data		Color	Type	Qty	Order No.	Type	Qty	Order No.	Type	Qty	Order No.			
	Grey		RIT4FLD ( 15-30V ) GY		826210	RIT4SW GY		826190	RIT6T GY		826230			
			RIT4FLD ( 110-250V ) GY		826220									
	Blue		RIT4FLD ( 15-30V ) BU		826211	RIT4SW BU		826191	RIT6T BU		826231			
			RIT4FLD ( 110-250V ) BU		826221									
End cover			Thickness 2.2mm				Thickness 2.2mm				Thickness 2.2mm			
	Grey		RIP4F GY		826320	RIP4SW GY	50	826319	RIP6T GY		826323			
	Blue		RIP4F BU		826344	RIP4SW BU	50	826343	RIP6T BU		826347			
Plug-in bridge														
	2-Pole		RPL2-6	10	815132	RPL2-4		815122	RPL2-6		815132			
	3-Pole		RPL3-6	10	815133	RPL3-4		815123	RPL3-6		815133			
	4-Pole		RPL4-6	10	815134	RPL4-4		815124	RPL4-6		815134			
	10-Pole		RPL10-6	10	815140	RPL10-4		815130	RPL10-6		815140			
Test plug														
						CPS2.3		811089	CPS6T		826239			
Converting test donning														
						RPC		815086						
End bracket														
	Thickness: 9.5mm		RF3		815088	RF3		815088	RF3		815088			
Screwdriver														
	Size		0.6X3.5			0.6X3.5			0.8X4.0					
Marking tags														
	Blank					TM10.5/6		811903						
	Marking direction: horizontal					TM10.5/6H		811913						
	Marking direction: vertical					TM10.5/6V		811923						
Marking tags														
	Blank		TM6.5/8		815904	TM6.5/6		815903	TM6.5/8		815904			
	Marking direction: horizontal		TM6.5/8H		815914	TM6.5/6H		815913	TM6.5/8H		815914			
	Marking direction: vertical		TM6.5/8V		814924	TM6.5/6V		814923	TM6.5/8V		814924			

\* Note: for RTR35\*7.5, for RTR35\*15.

▲ Note: Please choose the right tool strictly following the torque range.

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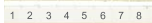
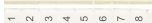
07/08



RIT1.5TO Twin conductor



RIT1.5FO Double

Dimensions		RIT1.5TO Twin conductor			RIT1.5FO Double				
Length/Width/Height (L/W/H)mm *		55.5/3.5/ (32.3/39.8)			64.5/3.5/ ( 32.3/39.8 )				
Stripping length(mm)		8-10mm			8-10mm				
Rated data									
Rated Voltage/Rated current/Rated cross-section		500V/17.5A/1.5mm <sup>2</sup>			500V/17.5A/1.5mm <sup>2</sup>				
Rated impulse voltage/Pollution severity		6kV/3			6kV/3				
Cross-connection I <sub>max</sub>		17.5A			17.5A				
Clampable conductors(mm <sup>2</sup> )									
Solid		0.2.....1.5			0.2.....1.5				
Stranded with ferrule		0.2.....1			0.2.....1				
Ordering data		Color	Type	Qty	Order No.	Type	Qty	Order No	
		Grey	RIT1.5TO GY		826070	RIT1.5FO GY		826080	
		Blue	RIT1.5TO BU		826071	RIT1.5FO BU		826081	
End cover		Thickness 2.2mm							
		Grey	RIP1.5TO GY		826307	RIP1.5FO GY		826308	
		Blue	RIP1.5TO BU		826331	RIP1.5FO BU		826332	
Plug-in bridge									
		2-Pole	RPL2-1.5A RD		836302	RPL2-1.5A RD		836302	
		3-Pole	RPL3-1.5A RD		836303	RPL3-1.5A RD		836303	
		4-Pole	RPL4-1.5A RD		836304	RPL4-1.5A RD		836304	
		10-Pole	RPL10-1.5A RD		836310	RPL10-1.5A RD		836310	
Test plug									
				CPS2.3		811089	CPS2.3		811089
Converting test donning									
				RPC		815086	RPC		815086
End bracket									
		Thickness: 9.5mm	RF3		815088	RF3		815088	
Screwdriver									
		Size	0.4X2.5						
Marking tags									
		Blank	TM8.5/3.5		826901	TM8.5/3.5		826901	
		Marking direction: horizontal	TM8.5/3.5H		826911	TM8.5/3.5H		826911	
		Marking direction: vertical	TM8.5/3.5V		826921	TM8.5/3.5V		826921	
Marking tags									
		Blank	TM6.5/3.5		826902	TM6.5/3.5		826902	
		Marking direction: horizontal	TM6.5/3.5H		826912	TM6.5/3.5H		826912	
		Marking direction: vertical	TM6.5/3.5V		826922	TM6.5/3.5V		826922	



# Electrical Connections



RIT2.5TO Twin conductor



RIT2.5FO Double



RIT4TO Twin conductor

Dimensions		RIT2.5TO Twin conductor			RIT2.5FO Double			RIT4TO Twin conductor			
Length/Width/Height (↖/↗)mm *		60/5.2/ ( 36.5/44 )			70.5/5.2/ ( 36.5/44 )			65.5/6.2/ ( 36.5/44 )			
Stripping length(mm)		8-10mm			8-10mm			10-12mm			
Rated data											
Rated Voltage/Rated current/Rated cross-section		1000V/24A/2.5mm <sup>2</sup>			1000V/24A/2.5mm <sup>2</sup>			1000V/32A/4mm <sup>2</sup>			
Rated impulse voltage/Pollution severity		8kV/3			8kV/3			8kV/3			
Cross-connection I <sub>max</sub>		24A			24A			32A			
Clampable conductors(mm <sup>2</sup> )											
Solid		0.2 .....4			0.2 .....4			0.2..... 6			
Stranded with ferrule		0.2.....2.5			0.2.....2.5			0.2..... 4			
Ordering data		Color	Type	Qty	Order No.	Type	Qty	Order No.	Type	Qty	Order No.
		Grey	RIT2.5TO GY		826090	RIT2.5FO GY		826100	RIT4TO GY		826110
		Blue	RIT2.5TO BU		826091	RIT2.5FO BU		826101	RIT4TO BU		826111
End cover		Thickness 2.2mm			Thickness 2.2mm			Thickness 2.2mm			
		Grey	RIP2.5TO GY		826309	RIP2.5FO GY		826310	RIP4TO GY		826311
		Blue	RIP2.5TO BU		826333	RIP2.5FO BU		826334	RIP4TO BU		826335
Plug-in bridge											
		2-Pole	RPL2-2.5	10	815112	RPL2-2.5	10	815112	RPL2-4		815122
		3-Pole	RPL3-2.5	10	815113	RPL3-2.5	10	815113	RPL3-4		815123
		4-Pole	RPL4-2.5	10	815114	RPL4-2.5	10	815114	RPL4-4		815124
		10-Pole	RPL10-2.5	10	815120	RPL10-2.5	10	815120	RPL10-4		815130
Test plug											
			CPS2.3		811089	CPS2.3		811089	CPS2.3		811089
Converting test donning											
			RPC		815086	RPC		815086	RPC		815086
End bracket											
		Thickness: 9.5mm	RF3		815088	RF3		815088	RF3		815088
Screwdriver											
		Size	0.6X3.5			0.6X3.5			0.6X3.5		
Marking tags											
		Blank	TM10.5/5		811902	TM10.5/5		811902	TM10.5/6		811903
		Marking direction: horizontal	TM10.5/5H		811912	TM10.5/5H		811912	TM10.5/6H		811913
		Marking direction: vertical	TM10.5/5V		811922	TM10.5/5V		811922	TM10.5/6V		811923
Marking tags											
		Blank	TM6.5/5		815902	TM6.5/5		815902	TM6.5/6		815903
		Marking direction: horizontal	TM6.5/5H		815912	TM6.5/5H		815912	TM6.5/6H		815913
		Marking direction: vertical	TM6.5/5V		815922	TM6.5/5V		815922	TM6.5/6V		814923

\* Note: ↖ for RTR35\*7.5, ↗ for RTR35\*15.

▲ Note: Please choose the right tool strictly following the torque range.

# RIT SERIES PUSH-IN TERMINAL BLOCKS

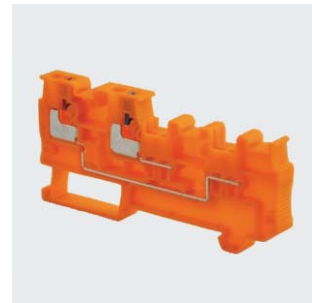
09/10

RIT4FO Double			RIT6TO Twin conductor			RIT6FO Double			RIT10TO Twin conductor		
77.6.2/ ( 36.5/44 )			74.1/8.2/(43. 7/51.2)			90.5/8.2/(43.7/51.2)			89/10/(44.3/51.8)		
10-12mm			10-12mm			10-12mm			18mm		
1000V/32A/4mm <sup>2</sup>			1000V/41A/6mm <sup>2</sup>			1000V/41A/6mm <sup>2</sup>			1000V/57A/10mm <sup>2</sup>		
8kV/3 32A			8kV/3 41A			8kV/3 41A			8kV/3 57A		
0.2..... 6			1.....10			1.....10			0.5.....16		
0.2..... 4			0.5.....6			0.5.....6			0.5.....10		
Type	Qty	Order No.	Type	Qty	Order No.	Type	Qty	Order No.	Type	Qty	Order No.
RIT4FO GY		826120	RIT6TO GY		826130	RIT6FO GY		826140	RIT10TO GY		826400
RIT4FO BU		826121	RIT6TO BU		826131	RIT6FO BU		826141	RIT10TO BU		826401
Thickness 2.2mm			Thickness 2.2mm			Thickness 2.2mm			Thickness 2.2mm		
RIP4FO GY		826312	RIP6TO GY		826313	RIP6FO GY		826314	RIP10TO GY		826348
RIP14FO BU		826336	RIP6TO BU		826337	RIP6FO BU		826338	RIP10TO BU		826349
RPL2-4		815122	RPL2-6		815132	RPL2-6		815132	RPL2-10		815142
RPL3-4		815123	RPL3-6		815133	RPL3-6		815133			
RPL4-4		815124	RPL4-6		815134	RPL4-6		815134			
RPL10-4		815130	RPL10-6		815140	RPL10-6		815140			
CPS2.3		811089	CPS2.3		811089	CPS2.3		811089	CPS2.3		811089
RPC		815086	RPC		815086	RPC		815086	RPC		815086
RF3		815088	RF3		815088	RF3	50	815088	RF3	50	815088
0.6X3.5			0.8X4.0			0.8X4.0			0.8X4.0		
TM10.5/6		811903	TM10.5/8		811904	TM10.5/8		811904	TM10.5/10		811905
TM10.5/6H		811913	TM10.5/8H		811914	TM10.5/8H		811914	TM10.5/10H		811915
TM10.5/6V		811923	TM10.5/8V		811924	TM10.5/8V		811924	TM10.5/10V		811925
TM6.5/6		815903	TM6.5/8		815904	TM6.5/8		815904	TM6.5/8		815904
TM6.5/6H		815913	TM6.5/8H		815914	TM6.5/8H		815914	TM6.5/8H		815914
TM6.5/6V		814923	TM6.5/8V		814924	TM6.5/8V		814924	TM6.5/8V		814924

# Electrical Connections



RIT1.5/3L Sensor



RIT2.5/3LA Auxiliary power

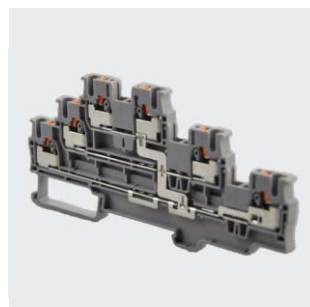
Dimensions									
Length/Width/Height (L/W/H)mm *			84.2/3.5/39.2			84.2/7/39.2			
Stripping length(mm)			8-10mm			8-10mm			
Rated data									
Rated Voltage/Rated current/Rated cross-section			250V/13.5A/1.5mm <sup>2</sup>			250V/20A/2.5mm <sup>2</sup>			
Rated impulse voltage/Pollution severity			4kV/3			4kV/3			
Cross-connection I <sub>max</sub>			13.5A			13.5A			
Clampable conductors(mm <sup>2</sup> )									
Solid			0.2.....1.5			0.2.....4			
Stranded with ferrule			0.2.....1			0.2.....2.5			
Ordering data		Color	Type	Qty	Order No.	Type	Qty	Order No.	
			Grey	RIT1.5/3L GY	60	826430	RIT2.5/3LA OG	30	826435
			Blue	RIT1.5/3L BU	60	826431			
End cover									
			Grey	RIP1.5/3L GY	50	826346	RIP1.5/3L GY	50	826346
			Blue						
Plug-in bridge			Thickness 2.2mm			Thickness 2.2mm			
			2-Pole	RPL2-1.5A RD	100	836302	RPL2-1.5A RD	100	836302
			3-Pole	RPL3-1.5A RD	100	836303	RPL3-1.5A RD	100	836303
			4-Pole	RPL4-1.5A RD	100	836304	RPL4-1.5A RD	100	836304
			10-Pole	RPL10-1.5A RD	10	836310	RPL10-1.5A RD	10	836310
Test plug									
				CPS2.3	40	811089			
End bracket									
		Thickness: 9.5mm		RF3	50	815088	RF3	50	815088
Screwdriver									
		Size		0.4X2.5		0.4X2.5			
Marking tags									
		Blank		TM8.5/3.5	826901	TM8.5/3.5	826901		
		Marking direction: horizontal		TM8.5/3.5H	826911	TM8.5/3.5H	826911		
		Marking direction: vertical		TM8.5/3.5V	826921	TM8.5/3.5V	826921		
Marking tags									
		Blank		TM6.5/3.5	826902	TM6.5/3.5	826902		
		Marking direction: horizontal		TM6.5/3.5H	826912	TM6.5/3.5H	826912		
		Marking direction: vertical		TM6.5/3.5V	826922	TM6.5/3.5V	826922		

\* Note: for RTR35\*7.5, for RTR35\*15.

▲ Note: Please choose the right tool strictly following the torque range.



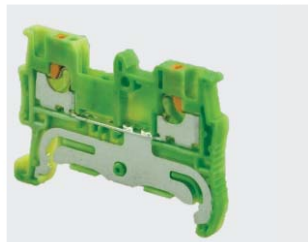
RIT2.5/3L Triple level



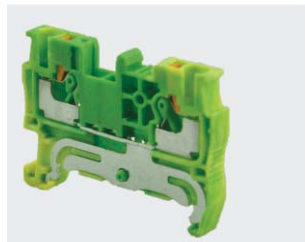
RIT2.5/3LV Triple level with link

<b>Dimensions</b>								
Length/Width/Height (L/l)mm *		115.5/5.2/ ( 57.7/65.2 )			115.5/5.2/ ( 57.7/65.2 )			
Stripping length(mm)		8-10mm			8-10mm			
<b>Rated data</b>								
Rated Voltage/Rated current/Rated cross-section		800V/24A/2.5mm <sup>2</sup>			800V/24A/2.5mm <sup>2</sup>			
Rated impulse voltage/Pollution severity		8kV/3			8kV/3			
Cross-connection I <sub>max</sub>		24A			24A			
<b>Clampable conductors(mm<sup>2</sup>)</b>								
Solid		0.2.....4			0.2.....4			
Stranded with ferrule		0.2.....2.5			0.2.....2.5			
<b>Ordering data</b>								
	Color	Type	Qty	Order No.	Type	Qty	Order No.	
	Grey	RIT2.5/3L GY	30	826410	RIT2.5/3LV GY	30	826420	
	Blue							
<b>End cover</b>								
	Color	Type	Qty	Order No.	Type	Qty	Order No.	
	Grey	RIP2.5/3L GY	50	826345	RIP2.5/3L GY	50	826345	
	Blue							
<b>Plug-in bridge</b>								
		Thickness 2.2mm			Thickness 2.2mm			
	2-Pole	RPL2-2.5	100	815112	RPL2-2.5	100	815112	
	3-Pole	RPL3-2.5	100	815113	RPL3-2.5	100	815113	
	4-Pole	RPL4-2.5	100	815114	RPL4-2.5	100	815114	
	10-Pole	RPL10-2.5	10	815120	RPL10-2.5	10	815120	
<b>Test plug</b>								
		CPS2.3	40	811089	CPS2.3	40	811089	
<b>Converting test donning</b>								
		RPC	5	815086	RPC	5	815086	
<b>End bracket</b>								
	Thickness: 9.5mm	RF3	50	815088	RF3	50	815088	
<b>Screwdriver</b>								
	Size	0.6X3.5			0.6X3.5			
<b>Marking tags</b>								
	Blank	TM6.5/5		815902	TM6.5/5		815902	
	Marking direction: horizontal	TM6.5/5H		826912	TM6.5/5H		826912	
	Marking direction: vertical	TM6.5/5V		826922	TM6.5/5V		826922	

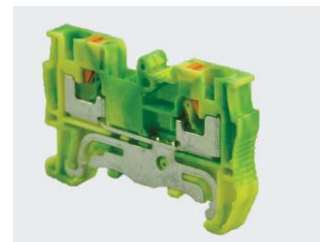
# Electrical Connections



RIT1.5PE Ground



RIT2.5PE Ground



RIT4PE Ground

Dimensions			
Length/Width/Height (L/W/H)mm *	46.5/3.5/(32.3/39.8)	48.5/5.2/(36.5/44)	54/6.2/(36.5/44)
Stripping length(mm)	8-10mm	8-10mm	10-12mm
Rated data			
Rated Voltage/Rated current/Rated cross-section	-/-/1.5mm <sup>2</sup>	-/-/2.5mm <sup>2</sup>	-/-/4mm <sup>2</sup>
Rated impulse voltage/Pollution severity	6kV/3	8kV/3	8kV/3
Clampable conductors(mm <sup>2</sup> )			
Solid	0.2.....1.5	0.2.....4	0.2.....6
Stranded with ferrule	0.2.....1	0.2.....2.5	0.2.....4

Ordering data	Color	Type	Qty	Order No.	Type	Qty	Order No.	Type	Qty	Order No.
End cover		RIT1.5 PE	120	826250	RIT2.5 PE	80	826251	RIT4 PE	80	826252

	Grey	RIP1.5 GY	100	826300	RIP2.5 GY	100	826301	RIP4 GY	100	826302
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	Size	0.4X2.5			0.6X3.5			0.6X3.5		
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Marking tags		Blank	TM8.5/3.5	826901	TM10.5/5	811902	TM10.5/6	811903
	Marking direction: horizontal		TM8.5/3.5H	826911	TM10.5/5H	811912	TM10.5/6H	811913
	Marking direction: vertical		TM8.5/3.5V	826921	TM10.5/5V	811922	TM10.5/6V	811923

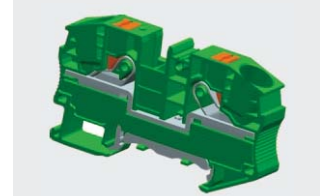
Marking tags		Blank	TM6.5/3.5	826902	TM6.5/5	815902	TM6.5/6	815903
	Marking direction: horizontal		TM6.5/3.5H	826912	TM6.5/5H	815912	TM6.5/6H	815913
	Marking direction: vertical		TM6.5/3.5V	826922	TM6.5/5V	815922	TM6.5/6V	815923



RIT6 PE Ground



RIT10PE Ground



RIT16PE Ground

Dimensions			
Length/Width/Height (L/W/H)mm *	57.7/8.2/(43.7/51.2)	67.8/10/(44.3/51.8)	79/12/(46.3/53.8)
Stripping length(mm)	10-12mm	18mm	18mm
Rated data			
Rated Voltage/Rated current/Rated cross-section	-/-/6mm <sup>2</sup>	-/-/10mm <sup>2</sup>	-/-/16mm <sup>2</sup>
Rated impulse voltage/Pollution severity	8kV/3	8kV/3	8kV/3
Clampable conductors(mm <sup>2</sup> )			
Solid	1.....10	1.5.....16	1.5.....25
Stranded with ferrule	0.5.....6	0.5.....10	0.5.....16

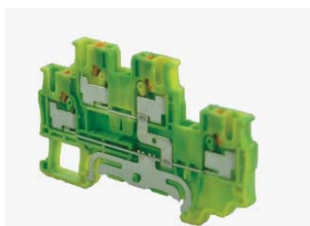
Ordering data	Color	Type	Qty	Order No.	Type	Qty	Order No.	Type	Qty	Order No.
End cover		RIT6 PE	50	826253	RIT10 PE	40	826254	RIT16 PE		826255

	Grey	RIP6 GY	50	826303	RIP10 GY	50	826304	RIP16 GY		826350
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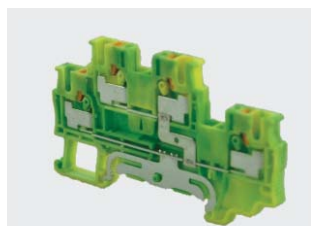
	Size	0.8X4			0.8X4			0.8X4		
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Marking tags		Blank	TM10.5/8	811904	TM10.5/10	811905	TM10.5/10	811905
	Marking direction: horizontal		TM10.5/8H	811914	TM10.5/10H	811915	TM10.5/10H	811915
	Marking direction: vertical		TM10.5/8V	811924	TM10.5/10V	811925	TM10.5/10V	811925

Marking tags		Blank	TM6.5/8	815904	TM6.5/8	815904	TM6.5/8	815904
	Marking direction: horizontal		TM6.5/8H	815914	TM6.5/8H	815914	TM6.5/8H	815914
	Marking direction: vertical		TM6.5/8V	815924	TM6.5/8V	815924	TM6.5/8V	815924



RIT1.5D-PE Double level



RIT2.5D-PE Double level



RIT4D-PE Double level

Dimensions										
Length/Width/Height (┌/└)mm *	70.9/3.5/(42.6/50.1)			78/5.2/(47.1/54.6)			84.7/6.2/(47.1/54.6)			
Stripping length(mm)	8-10mm			8-10mm			10-12mm			
Rated data										
Rated Voltage/Rated current/Rated cross-section	-/-/1.5mm <sup>2</sup>			-/-/2.5mm <sup>2</sup>			-/-/4mm <sup>2</sup>			
Rated impulse voltage/Pollution severity	6kV/3			8kV/3			8kV/3			
Clampable conductors(mm <sup>2</sup> )										
Solid	0.2.....1.5			0.2.....4			0.2.....6			
Stranded with ferrule	0.2.....1			0.2.....2.5			0.2.....4			

Ordering data	Color	Type	Qty	Order No.	Type	Qty	Order No.	Type	Qty	Order No.	
End cover		RIT1.5D-PE	60	826269	RIT2.5D PE	50	826267	RIT4D PE	50	826268	
	Grey	RIP1.5D GY	100	826321	RIP2.5D GY	50	826012	RIP4D GY	50	826013	
	Size	0.4X2.5			0.6X3.5			0.6X3.5			
Marking tags											
	Blank	TM6.5/8		815904	TM6.5/5		815902	TM6.5/6		815903	
	Marking direction: horizontal	TM6.5/8H		815914	TM6.5/5H		815912	TM6.5/6H		815913	
	Marking direction: vertical	TM6.5/8V		815924	TM6.5/5V		815922	TM6.5/6V		815923	



RIT1.5TO-PE Twin conductor

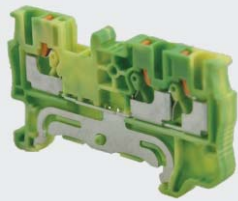


RIT1.5FO-PE Double conductor

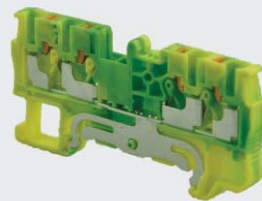
Dimensions										
Length/Width/Height (┌/└)mm *	55.5/3.5/(32.3/39.8)			64.5/3.5/(32.3/39.8)						
Stripping length(mm)	8-10mm			8-10mm						
Rated data										
Rated Voltage/Rated current/Rated cross-section	-/-/1.5mm <sup>2</sup>			-/-/1.5mm <sup>2</sup>						
Rated impulse voltage/Pollution severity	8kV/3			6kV/3						
Clampable conductors(mm <sup>2</sup> )										
Solid	0.2.....1.5			0.2.....1.5						
Stranded with ferrule	0.2.....1			0.2.....1						

Ordering data	Color	Type	Qty	Order No.	Type	Qty	Order No.	Type	Qty	Order No.	
End cover		RIT1.5TO PE	100	826257	RIT1.5FO PE	120	826263				
	Grey	RIP1.5TO GY	100	826307	RIP1.5FO GY	100	826308				
	Size	0.4X2.5			0.4X2.5						
Marking tags											
	Blank	TM8.5/3.5		826901	TM8.5/3.5		826901				
	Marking direction: horizontal	TM8.5/3.5H		826911	TM8.5/3.5H		826911				
	Marking direction: vertical	TM8.5/3.5V		826921	TM8.5/3.5V		826921				
Marking tags											
	Blank	TM6.5/3.5		826902	TM6.5/3.5		826902				
	Marking direction: horizontal	TM6.5/3.5H		826912	TM6.5/3.5H		826912				
	Marking direction: vertical	TM6.5/3.5V		826922	TM6.5/3.5V		826922				

# Electrical Connections



RIT2.5TO-PE Twin conductor



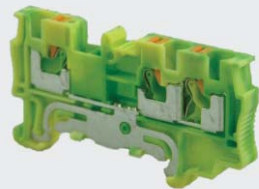
RIT2.5FO-PE Double conductor

Dimensions							
Length/Width/Height (↖/↗)mm *	60/5.2/ (36.5/44)			70.5/5.2/ (36.5/44)			
Stripping length(mm)	8-10mm			8-10mm			
Rated data							
Rated Voltage/Rated current/Rated cross-section	-/-/2.5mm <sup>2</sup>			-/-/2.5mm <sup>2</sup>			
Rated impulse voltage/Pollution severity	8kV/3			8kV/3			
Clampable conductors(mm <sup>2</sup> )							
Solid	0.2 .....4			0.2 .....4			
Stranded with ferrule	0.2.....2.5			0.2.....2.5			

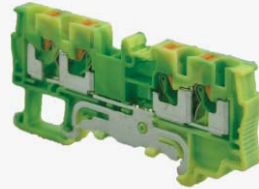
Ordering data	Color	Type	Qty	Order No.	Type	Qty	Order No.
End cover		RIT2.5TO PE	60	826258	RIT2.5FO PE	80	826264
	Grey	RIP2.5TO GY	100	826309	RIP2.5FO GY	100	826310
	Size	0.6X3.5		0.6X3.5			

Marking tags							
	Blank	TM10.5/5	811902	TM10.5/5	811902		
	Marking direction: horizontal	TM10.5/5H	811912	TM10.5/5H	811912		
	Marking direction: vertical	TM10.5/5V	811922	TM10.5/5V	811922		

Marking tags							
	Blank	TM6.5/5	815902	TM6.5/5	815902		
	Marking direction: horizontal	TM6.5/5H	815912	TM6.5/5H	815912		
	Marking direction: vertical	TM6.5/5V	815922	TM6.5/5V	815922		



RIT4TO-PE Twin conductor



RIT4FO-PE Double conductor

Dimensions							
Length/Width/Height (↖/↗)mm *	65.5/6.2/ (36.5/44)			77/6.2/ (36.5/44)			
Stripping length(mm)	10-12mm			10-12mm			
Rated data							
Rated Voltage/Rated current/Rated cross-section	-/-/4mm <sup>2</sup>			-/-/4mm <sup>2</sup>			
Rated impulse voltage/Pollution severity	8kV/3			8kV/3			
Clampable conductors(mm <sup>2</sup> )							
Solid	0.2.....6			0.2.....6			
Stranded with ferrule	0.2.....4			0.2.....4			

Ordering data	Color	Type	Qty	Order No.	Type	Qty	Order No.
End cover		RIT4TO PE	60	826259	RIT4FO PE	60	826265
	Grey	RIP4TO GY	100	826311	RIP4FO GY	100	826312
	Size	0.6X3.5		0.6X3.5			

Marking tags							
	Blank	TM10.5/6	811903	TM10.5/6	811903		
	Marking direction: horizontal	TM10.5/6H	811913	TM10.5/6H	811913		
	Marking direction: vertical	TM10.5/6V	811923	TM10.5/6V	811923		

Marking tags							
	Blank	TM6.5/6	815903	TM6.5/6	815903		
	Marking direction: horizontal	TM6.5/6H	815913	TM6.5/6H	815913		
	Marking direction: vertical	TM6.5/6V	815923	TM6.5/6V	815923		



RIT6 TO-PE Twin conductor



RIT6 FO-PE Double conductor

### Marking accessories

**Marking system:** to mark a series of terminal blocks, mounted on " " or " " shape rail with writing paper.

**Marking clamp:** to mark a piece of terminal block, height adjustable, can be clamped on the RF2, RF3 or VF4/5 End

RTM15E Marking system

Dimensions	
Length/Width/Height (mm) *	74.1/8.2/ (43.7/51.2)
Stripping length(mm)	10-12mm
Rated data	
Rated Voltage/Rated current/Rated cross-section	-/-/6mm <sup>2</sup>
Rated impulse voltage/Pollution severity	8kV/3
Clampable conductors(mm <sup>2</sup> )	
Solid	1.....10
Stranded with ferrule	0.5.....6

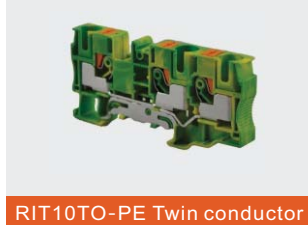
Ordering data	Color	Type	Qty	Order No.	Type	Qty	Order No.
		RIT6TO PE	40	826260	RIT6FO PE	35	826266

End cover	
	Grey
	RIP6TO GY 100 826313
	RIP6FO GY 50 826314

Screw	
	Size 0.8X4
	0.8X4

Marking tags	
	Blank
	TM10.5/8 811904
	TM10.5/8H 811914
	TM10.5/8V 811924
	TM10.5/8 811904
	TM10.5/8H 811914
	TM10.5/8V 811924

Marking tags	
	Blank
	TM6.5/8 815904
	TM6.5/8H 815914
	TM6.5/8V 815924
	TM6.5/8 815904
	TM6.5/8H 815914
	TM6.5/8V 815924



RIT10TO-PE Twin conductor



RIT2.5/3L-PE Triple level

Dimensions	
Length/Width/Height (mm) *	89/10/ (44.3/51.8)
Stripping length(mm)	18mm
Rated data	
Rated Voltage/Rated current/Rated cross-section	-/-/10mm <sup>2</sup>
Rated impulse voltage/Pollution severity	8kV/3
Clampable conductors(mm <sup>2</sup> )	
Solid	0.2.....4
Stranded with ferrule	0.5.....10
	0.2.....2.5

Ordering data	Color	Type	Qty	Order No.	Type	Qty	Order No.
		RIT10TO PE	30	826259	RIT2.5/3L-PE	40	826265

End cover	
	Grey
	RIP10TO GY 100 826311
	RIP2.5/3L GY 50 826312

Screw	
	Size 0.8x4
	0.6x3.5

Marking tags	
	Blank
	TM10.5/10 811905
	TM10.5/10H 811915
	TM10.5/10V 811925

Marking tags	
	Blank
	TM6.5/8 815904
	TM6.5/8H 815914
	TM6.5/8V 815924
	TM6.5/5 815902
	TM6.5/5H 815912
	TM6.5/5V 815922



44/15.5/ (46.4/51.2)

40x12

Type	Qty	Order No.
RTM15E	50	811585

### VTM Marking system



44/15.5/ (46.4/51.2)

40x12

Type	Qty	Order No.
VTM10 GY	50	580085
VTM20 BG	20	810086

### RTM 15 Marking clamp



46/9.5/height adjustable)

40x7

Type	Qty	Order No.
RTM15 CT	50	811586

### Clamping with End bracket

