


RBT Feed-through Terminal Blocks

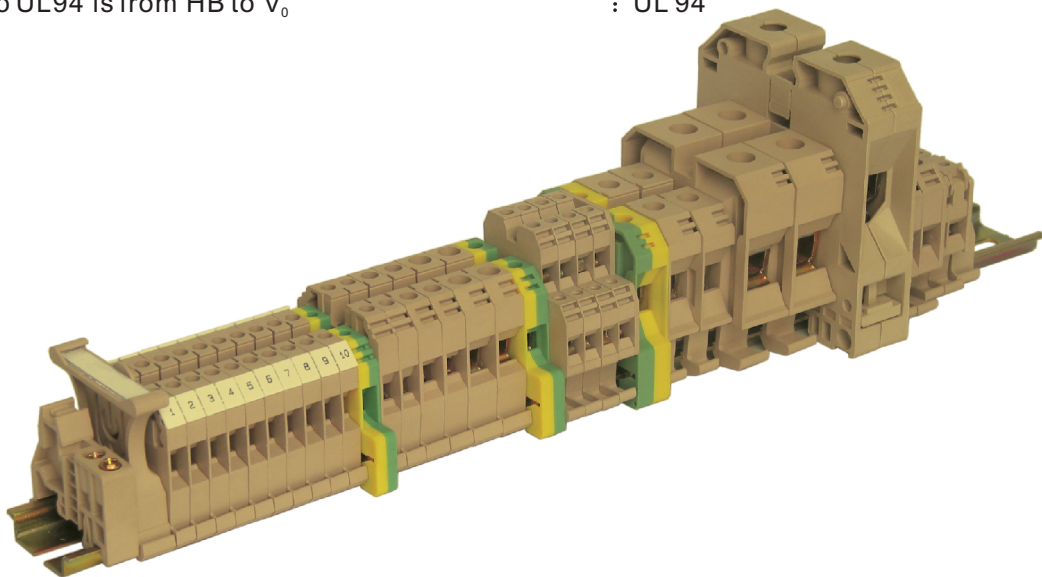
- The blocks adopt the worldwide used steel pressure clamp connection system with the advantages of high contact force, self-locking, vibration resistance, and loosening protection.
- The current bar plated with pliable tin guarantees a low electric resistance and excellent gas-tight.
- Insulation parts made of imported nylon have excellent pliability and fire resistance.
- The connect capacity ranges from 0.5 to 35 mm² with terminals of test, disconnection, fuse types etc.
- Stranded wires can also be connected without ferrules.
- Its composite-foot structure applies to three types of rails.
- Low voltage drop
- High cost performance.

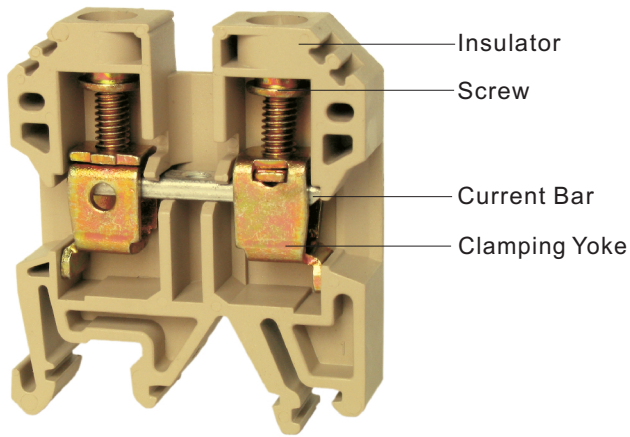
The material PA66 used in the products is halogen-free. When the material is burnt, there are no combustion vapors which can lead to corrosive deposits. In addition, PA66 can function well in aggressive climate. PA66 has a good resistance to termites, anaerobes, funguses because it does not provide oxygen or other biological elements for microorganisms.

Standard color of the insulator is dark beige 

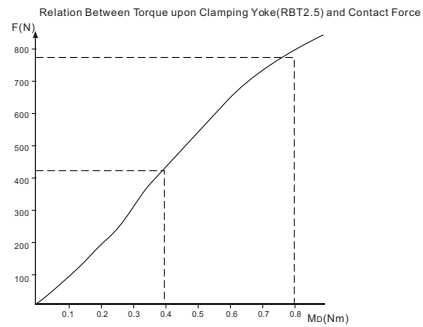
The insulation parts made of improved PA66 have excellent electrical and mechanical properties.

Specific resistance ($\Omega \times \text{cm}$)	: $>10^{12}$ (VDE0303 T.30)
Dielectric strength (kV/mm)	: 30 (VDE0303 T.2)
Tracking resistance CTI(V)	: 600 (VDE0303 T.1)
Continuous service temperature(°C)	: 100 (VDE0304 T.21)
Lowest temperature limit, static(°C)	: -50
Flammability to UL94 is from HB to V ₀	: UL 94



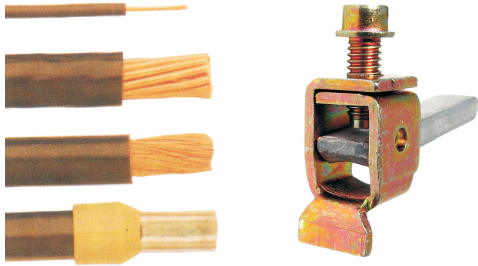


● Clamping Properties



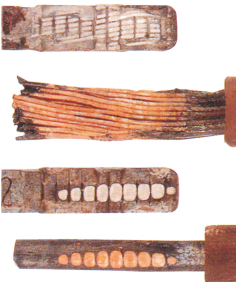
Take **Reliance RBT 2.5** clamping yoke system for example, with a torque of only 0.8 Nm upon the screw, it provides a contact force of 750 N in practice. In addition, this force is unrelated with the intersecting surface of the conductor. This can guarantee the reliability and meet the connection technical requirement. If the contact force is not strong enough, due to ambient influence, a displacement will occur between the conductor and the current bar, which will lead to oxidation. As a result, high temperature may occur at the connection due to the increased contact resistance. Warning: Please use appropriate tools to limit the torque under the torque range to avoid any damage to components.

● Clampable conductor



Here the rated cross section refers to the cross section of the conductor under the required temperature and mechanical & electronic condition. The clampable conductors include solid, stranded, and conductors with ferrules. It can clamp bare conductor with a cross section of no more than (incl.) 10mm².

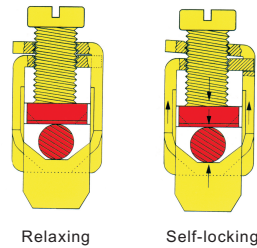
● Anti-aging and gas-tight



Due to constant changes of temperature and humidity, a terminal block is expected to have excellent anti-aging and gas-tight property to guarantee a good mechanical and electrical property.

A strong contact force creates a tight contact between the conductor and the current bar, lowering the contact resistance and effectuating gas-tight to prevent air-erosion. Even after used in extremely aggressive atmosphere, the large contact zone free from air-erosion is still clear on both the conductor and the current bar (See above).

● Self-locking



Clamping yokes in our products, made of carburized, hot zinc-plated, and achromatized low carbon steel, have excellent mechanical properties and corrosive resistance. When the clamping screw is tightened, the upper thread overlap springs open to form a force upon the screw, thus causing a locking action to be exerted on the screw. Once the conductor is tightened, it won't loose even under shaking conditions. Due to the elastic behavior of the clamping yoke, the screw doesn't need to be tightened even if expansion or contraction caused by the change of temperature occur on the conductor. This keeps you free from maintenance in your long-term usage.

● Contact Properties



The transverse grooves on the contacting surface of our current bars, plated with tin, guarantee exceptional contact with minimum contact resistance. Under the tin, there is an additional nickel layer, which effectively prevents the discharge of Zinc atoms from the copper.

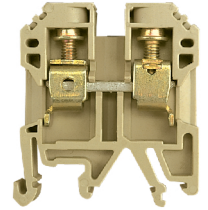
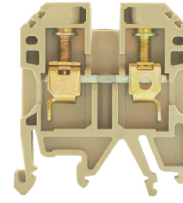
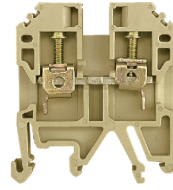
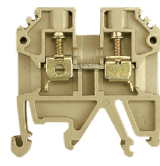
RBT Feed-through Terminal Blocks

RBT2.5
Universal

RBT4
Universal

RBT6
Universal

RBT10
Universal



Dimensions

Width/Length/height*(←/→)mm	39.5/6/(42.6/49.6)	40/6.5/(47.7/54.5)	40/8/(47.7/54.5)	40/10/(47.7/54.5)
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Insulation stripping length(mm)/Clamping screw/Tightening torque range(Nm)▲	10/M2.5/0.4...0.8	12/M3/0.5...1.0	12/M3.5/0.8...1.6	12/M4/2.0...2.4
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Rated data

Rated Voltage/Rated current/Rated cross-section	800V/24A/2.5mm ²	800V/32A/4mm ²	800V/41A/6mm ²	800V/57A/10mm ²
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Rated impulse Voltage/Contamination Level	8kV/3	8kV/3	8kV/3	8kV/3
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Clampable Conductors(mm²)

Solid	0.5...6	0.5...6	0.5...10	1.5...10
Stranded	1.5...4	1.5...6	1.5...10	2.5...10
Stranded with ferrule	0.5...2.5	0.5...4	0.5...6	1.5...10

Order data

Color	Cat.No.	Qty	Cat.No.	Qty	Cat.No.	Qty	Cat.No.	Qty
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● Dark Beige	680001	100	680002	100	680003	100	680004	50
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End cover

(Thickness 1.5mm)

Type	Cat.No.	Type	Cat.No.	Type	Cat.No.	Type	Cat.No.
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● Dark Beige	RBP2.5	680061	RBP4-10	680062	RBP4-10	680062	RBP4-10	680062
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Small partition



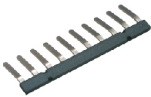
BPS1	● Dark Beige	BPS1	680081	BPS1	680081	BPS1	680081	BPS1	680081
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Cross-connection



2-Pole	Q2-2.5	680112	Q2-4	680122	Q2-6	680132	Q2-10	680142
3-Pole	Q3-2.5	680113	Q3-4	680123	Q3-6	680133	Q3-10	680143
4-Pole	Q4-2.5	680114	Q4-4	680124	Q4-6	680134	Q4-10	680144
10-Pole	Q10-2.5	680120	Q10-4	680130	Q10-6	680140	Q10-10	680150

Insertion bridge

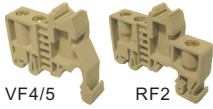


Fully insulated 2-Pole	QB2-2.5	680212	QB2-4	680222	QB2-6	680232	
Fully insulated 3-Pole	QB3-2.5	680213	QB3-4	680223	QB3-6	680233	
Fully insulated 4-Pole	QB4-2.5	680214	QB4-4	680224	QB4-6	680234	
Fully insulated 10-Pole	QB10-2.5	680220	QB10-4	680230	QB10-6	680240	

Max. clampable conductors with insertion bridge(solid/stranded)	4/2.5	6/4	6/6
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End bracket

Thickness 9.5mm



● Dark Beige	VF4/5	680088	VF4/5	680088	VF4/5	680088	VF4/5	680088
				Torque range:0.6~0.8N.m				
● Dark Beige	RF2	680918	RF2	680918	RF2	680918	RF2	680918

Caution marking



AD3-2.5	810092	AD3-4	810093	AD3-6	810094	AD3-10	810095
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Screwdrivers



Dimensions(LengthXWidth)	0.6X3.5	0.6X3.5	0.8X4.0	1.0X5.5
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Marking tags.

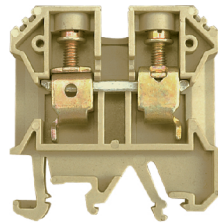


Blank	TM8/6	680902	TM8/6.5	680903	TM8/8	680904	TM8/8	680904
Consecutive horizontal	TM8/6H	680912	TM8/6.5H	680913	TM8/8H	680914	TM8/8H	680914
Consecutive vertical	TM8/6V	680922	TM8/6.5V	680923	TM8/8V	680924	TM8/8V	680924

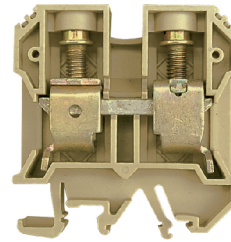
*Note:The dimensions are measured when terminals are installed on RTR35,RTR32 mounting rails

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

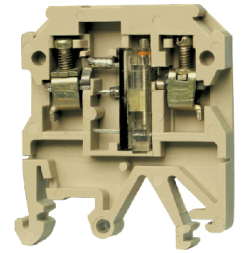
RBT16
Universal



RBT35
Universal



RBT2.5PM
Potentiometer



Dimensions

Width/Length/height*(\leftarrow / \rightarrow)mm

50/12/(53.5/60.5)

58/18/(63.5/70.5)

42/6.5/(47.5/55)

Insulation stripping length(mm)/Clamping screw/Tightening torque range(Nm)▲

15/M4/2.0...2.4

20/M6/5.0

9/M3/0.5...1.0

Rated data

Rated Voltage/Rated current/Rated cross-section

800V/76A/16mm²

800V/125A/35mm²

1W/10Ω/2.5mm²

Rated impulse Voltage/Contamination Level

8kV/3

8kV/3

-/3

Clampable Conductors(mm²)

Solid

2.5.....10

6.....16

0.5.....6

Stranded

4.....16

16.....50

1.5.....4

Stranded with ferrule

4.....16

10.....35

0.5.....2.5

Order data

Color

● Dark Beige

Cat.No.

Qty

680005

40

Cat.No.

Qty

680006

20

Cat.No.

Qty

680029

100

End cover

(Thickness 1.5mm)

Type

Cat.No.

Type

Cat.No.

Type

Cat.No.



● Dark Beige

RBP16

680068

RBP35

680069

RBP2.5PM

680064

Small partition



BPS1

● Dark Beige

BPS1

680081

Cross-connection



2-Pole

Q2-16

680152

Q2-35

680162

3-Pole

Q3-16

680153

Q3-35

680163

4-Pole

Q4-16

680154

Q4-35

680164

10-Pole

Q10-16

680160

Q10-35

680170

Insertion bridge



Fully insulated 2-Pole

Fully insulated 3-Pole

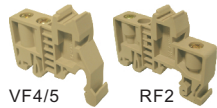
Fully insulated 4-Pole

Fully insulated 10-Pole

Max. clampable conductors with insertion bridge(solid/stranded)

End bracket

Thickness 9.5mm



● Dark Beige

VF4/5

680088

VF4/5

680088

VF4/5

680088

Torque range:0.6~0.8N.m

Torque range:0.6~0.8N.m

Torque range:0.6~0.8N.m

VF4/5

RF2

● Dark Beige

RF2

680918

RF2

680918

RF2

680918

Caution marking



AD3-16

810096

AD3-35

810097

Screwdrivers



Dimensions(LengthXWidth)

1.0X5.5

1.2X6.5

0.6X3.5

Marking tags.



Blank

TM8/8

680904

TM8/8

680904

TM8/6.5

680903

Consecutive horizontal

TM8/8H

680914

TM8/8H

680914

TM8/6.5H

680913

Consecutive vertical

TM8/8V

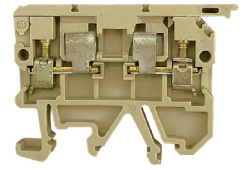
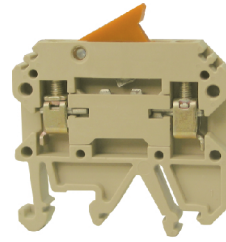
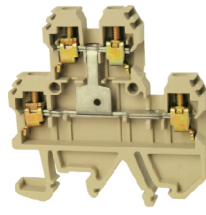
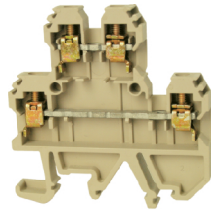
680924

TM8/8V

680924

TM8/6.5V

680923



Dimensions

Width/Length/height*($\sqrt{\text{L}}$ / $\sqrt{\text{L}}$)mm	55/6/ (57.3/64.3)	55/6/ (57.3/64.3)	46/6.5/(43.5/50.5)	58/8/(43.5/50.5)
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Insulation stripping length(mm)/Clamping screw/Tightening torque range(Nm)▲	9/M3/0.5~1.0	9/M3/0.5~1.0	12/M3/0.5~0.6	9/M3/0.5~1.0
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Rated data

Rated Voltage/Rated current/Rated cross-section	500V/2×32A/4mm ²	500V/32A/4mm ²	660V/10A/4mm ²	500V /6.3A*/4.0mm ²
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Rated impulse Voltage/Contamination Level	6kV/3	6kV/3	6kV/3	6kV/3
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Clampable Conductors(mm²)

Solid	0.5~4	0.5~4	0.5~4	0.5~4
Stranded	1.5~4	1.5~4	1.5~4	1.5~4
Stranded with ferrule	0.5~4	0.5~4	0.5~2.5	0.5~2.5

Order data

Color	Cat.No.	Qty	Cat.No.	Qty	Cat.No.	Qty	Cat.No.	Qty
● Dark Beige	680027	50	680028	50	680030 (with test plug)	80	680026	50

End cover

(Thickness 1.5mm)



Type	Cat.No.	Type	Cat.No.	Type	Cat.No.	Type	Cat.No.
● Dark Beige RBP4D/DV	680065	RBP4D/DV	680065	RBP4SW	680063	RBP4F	680066

Small partition



BPS2 ● Dark Beige	BPS2	680082	BPS2	680082
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Cross-connection



2-Pole	Q2-4D	680182	Q2-4D	680182
3-Pole	Q3-4D	680183	Q3-4D	680183
4-Pole	Q4-4D	680184	Q4-4D	680184
10-Pole	Q10-4D	680190	Q10-4D	680190

Insertion bridge

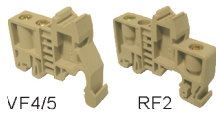


Fully insulated 2-Pole	QB2-2.5	680212	QB2-2.5	680212	QB2-6	680232
Fully insulated 3-Pole	QB3-2.5	680213	QB3-2.5	680213	QB3-6	680233
Fully insulated 4-Pole	QB4-2.5	680214	QB4-2.5	680214	QB4-6	680234
Fully insulated 10-Pole	QB10-2.5	680220	QB10-2.5	680220	QB10-6	680240

Max. clampable conductors with insertion bridge(solid/stranded) 4/4

End bracket

Thickness 9.5mm



● Dark Beige VF4/5	680088	VF4/5	680088	VF4/5	680088	VF4/5	680088
Torque range:0.6~0.8N.m		Torque range:0.6~0.8N.m		Torque range:0.6~0.8N.m		Torque range:0.6~0.8N.m	
● Dark Beige RF2	680918	RF2	680918	RF2	680918	RF2	680918

Test Plug



CPS2.3	811089
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Fuse(Type of fuse)

GFA5×20
GFA5×25
Breaking Capacity 20kA

Screwdrivers



Dimensions(LengthXWidth)	0.6X3.5	0.6X3.5	0.6X3.5	0.6X3.5
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Marking tags.

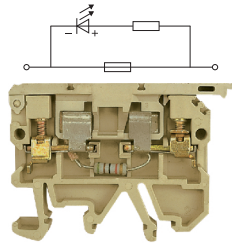


Blank	TM5/6	680905	TM5/6	680905	TM8/6.5	680903	TM5/6	680905
Consecutive horizontal	TM5/6H	680915	TM5/6H	680915	TM8/6.5H	680913	TM5/6H	680915
Consecutive vertical	TM5/6V	680925	TM5/6V	680925	TM8/6.5V	680923	TM5/6V	680925

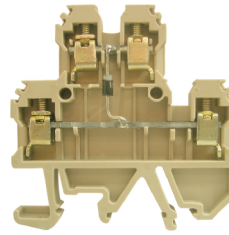
*Note:The dimensions are measured when terminals are installed on RTR35,RTR32 mounting rails

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

RBT4FLD
Fuse with LED



RBT4DVD1
Double Level with diode



Marking System



Marking System: marking terminal groups, and mounted on mounting rail
┌ or └

Dimensions

Width/Length/height*(┌/└)mm 58/8/(43.5/50.5)

Insulation stripping length(mm)/Clamping screw/Tightening torque range(Nm)▲ 9/M3/0.5~1.0

Rated data

Rated Voltage/Rated current/Rated cross-section -/6.3A*/4.0mm²

Rated impulse Voltage/Contamination Level 6kV/3

Clampable Conductors(mm²)

Solid 0.5.....4
Stranded 1.5.....4
Stranded with ferrule 0.5.....2.5

Order data

Color Cat.No. Qty

● Dark Beige 680032(24V) 680034(110V) 50
680033(48V) 680035(220V)

End cover

(Thickness 1.5mm)



● Dark Beige

Small partition



BPS2 ● Dark Beige

Cross-connection



2-Pole
3-Pole
4-Pole
10-Pole

Insertion bridge



Fully insulated 2-Pole QB2-6 680232
Fully insulated 3-Pole QB3-6 680233
Fully insulated 4-Pole QB4-6 680234
Fully insulated 10-Pole QB10-6 680240

Max. clampable conductors with insertion bridge(solid/stranded) 4/4

End bracket

Thickness 9.5mm

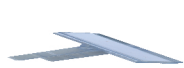


● Dark Beige VF4/5 680088

Torque range:0.6~0.8N.m

● Dark Beige RF2 680918

Test Plug



Screwdrivers



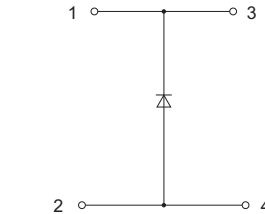
Dimensions(LengthXWidth)

0.6X3.5

Marking tags.



Blank TM5/6 680905
Consecutive horizontal TM5/6H 680915
Consecutive vertical TM5/6V 680925



Rated data

Rated Voltage 500V
Diode Type 1N4007
Diode Current(Max) 1A
Rated Surge Voltage 1kV

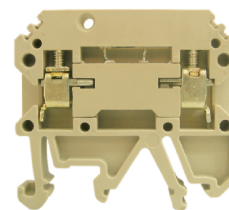
Order data

Cat.No.

● Dark Beige 680036

RBT4S

Specialization



Note:If request, specific terminal blocks with resistance instead of diode are available.

Rated data

Rated Voltage 660V
Diode Type 1N4007
Diode Current(Max) 1A
Rated Surge Voltage 1kV

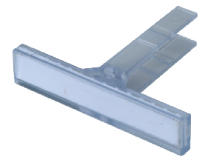
Order data

Cat.No.

● Dark Beige 680037

Type	Cat.No.
VTM10	680085
VTM20	680086
Cat.No.	Marking area
680085	40×7.5mm ²
680086	40×17.5mm ²

RTM15 Marker Clamp



It can be clamped onto an end bracket VF4/5, RF2

Cat.No.	Qty
681586	50

Marker clamp with end bracket



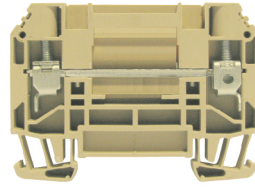
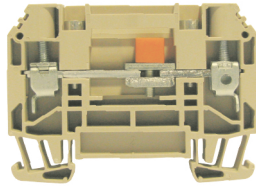
*The rated current is based on the fuse

Type of fuse		
Type	Specs	Cat.No.
GFA5×20	0.5A	928001
GFA5×20	1A	928002
GFA5×20	2A	928003
GFA5×20	3A	928004
GFA5×20	4A	928005
GFA5×20	6.3A	928006
GFA5×20	8A	928007
GFA5×20	10A	928008
GFA5×25	1A	928012
GFA5×25	2A	928013
GFA5×25	4A	928014
GFA5×25	6.3A	928015
GFA5×25	8A	928016
GFA5×25	10A	928017

*Note:Please select the fuse based on the current from the right list. These G Type fuses are mainly used for short circuit and overload protections. If you have any other request, please let us know.

RBT6T
SimpleTestDisconnect

RBT6E
Specialization



Dimensions

Width/Length/height(—/—/—)mm

70/8/(51)

70/8/(51)

Insulation stripping length(mm)/Clamping screw/Tightening torque range(Nm)▲

12/M3.5/0.8~1.6

12/M3.5/0.8~1.6

Rated data

Rated Voltage/Rated current/Rated cross-section

500V*/41A/6mm²

400V/41A/6mm²

Rated impulse Voltage/Contamination Level

6kV/3

6kV/3

Clampable Conductors(mm²)

Solid

0.5~10

0.5~10

Stranded

1.5~10

1.5~10

Stranded with ferrule

0.5~6

0.5~6

Order data

Color

● Dark Beige

Cat.No.

Qty

Cat.No.

Qty

680022

680023(With test plug)

50

680024

680025(With test plug)

50

End cover

RBP(Thickness 1.5mm)



● Dark Beige

Type

Cat.No.

Type

Cat.No.

RBP6T/E

680067

RBP6T/E

680067

Switch bar



VQ2-6T

VQ3-6T

VQ4-6T



VB30



VSB36



VT19

VQ2-6T 680950

VQ3-6T 680951

VQ4-6T 680952

VT19 680953

VB30 680954

VSB36 680955

VQ2-6T 680950

VQ3-6T 680951

VQ4-6T 680952

VT19 680953

VB30 680954

VSB36 680955

Cross-connection



2-Pole

3-Pole

4-Pole

10-Pole

RQ2-6T/E 680192

RQ3-6T/E 680193

RQ4-6T/E 680194

RQ10-6T/E 680200

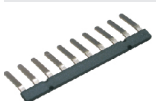
RQ2-6T/E 680192

RQ3-6T/E 680193

RQ4-6T/E 680194

RQ10-6T/E 680200

Insertion bridge



Fully insulated 2-Pole

Fully insulated 3-Pole

Fully insulated 4-Pole

Fully insulated 10-Pole

QB2-6 680232

QB3-6 680233

QB4-6 680234

QB10-6 680240

QB2-6 680232

QB3-6 680233

QB4-6 680234

QB10-6 680240

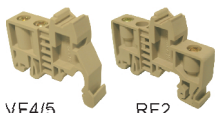
Max. clampable conductors with insertion bridge(solid/stranded)

6/6

6/6

End bracket

Thickness 9.5mm



VF4/5

RF2

● Dark Beige

VF4/5

680088

VF4/5

680088

Torquerange:0.6~0.8N.m

Torquerange:0.6~0.8N.m

RF2

680918

RF2

680918

Test Plug



CPS4

811090

CPS4

811090

Screwdrivers



Dimensions(LengthXWidth)

0.8X4.0

0.8X4.0

Marking tags.



Blank

Consecutive horizontal

Consecutive vertical

TM8/8 680904

TM8/8H 680914

TM8/8V 680924

TM8/8 680904

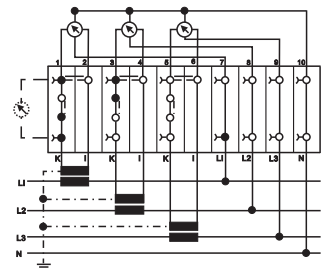
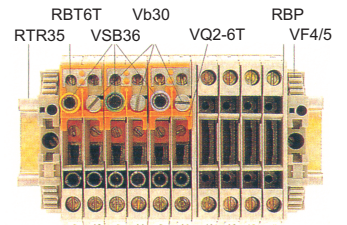
TM8/8H 680914

TM8/8V 680924

Secondary coils of a current transformer should always be in closed circuit status when measuring instruments, electrical meters, or any external measuring instruments are changed.

Reliance RBT6T test terminal blocks can solve this problem easily by forming various electric circuits. With one type of terminal block, RET6T can meet the needs of different kinds of electric connections. A connection slide of touch-proof is assembled on the terminal block. Two connection slides of touch-proof can be assembled on two RBT6T terminal blocks at the same time.

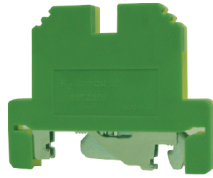
An electrical meter circuit consisting of RBT6T and RBT6E



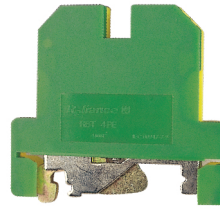
*Note: If disconnect terminal block, it is 400V.

RBT Feed-through Terminal Blocks

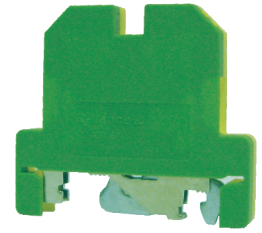
RBT2.5PE
Universal ground



RBT4PE
Universal ground



RBT6PE
Universal ground



Dimensions

Width/Length/height*(\swarrow / \searrow) mm

53.5/6.5/(42.6/47.5)

53.5/7/(47.7/52.2)

53.5/8/(47.7/52.2)

Insulation stripping length(mm)

10

12

12

Clamping screw:Specification/Tightening torque range(Nm)▲

M2.5/0.4...0.8

M3/0.5...1.0

M3/0.8...1.6

Center screw:Specification/Tightening torque range(Nm)▲

M3/0.6...0.8

M3/0.6...0.8

M3/0.6...0.8

Rated data

Rated Voltage/Rated current/Rated cross-section

-/-/2.5mm²

-/-/4mm²

-/-/6mm²

Rated impulse Voltage/Contamination Level

8kV/3

8kV/3

8kV/3

Clampable Conductors(mm²)

Solid

0.5...6

0.5...6

0.5...10

Stranded

1.5...4

1.5...6

1.5...10

Stranded with ferrule

0.5...2.5

0.5...4

0.5...6

Order data

Cat.No.	Qty
680051	50

Cat.No.	Qty
680052	50

Cat.No.	Qty
680053	50

Screwdrivers



Dimensions(LengthXWidth)

0.6X3.5

0.6X3.5

0.8X4.0

Marking tags.



Blank
Consecutive horizontal
Consecutive vertical

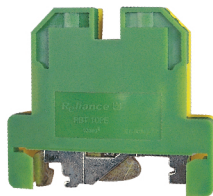
Type	Cat.No.
TM8/6	680902
TM8/6H	680912
TM8/6V	680922

Type	Cat.No.
TM8/6.5	680903
TM8/6.5H	680913
TM8/6.5V	680923

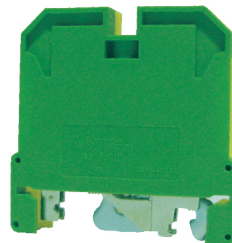
Type	Cat.No.
TM8/8	680904
TM8/8H	680914
TM8/8V	680924

RBT Feed-through Terminal Blocks

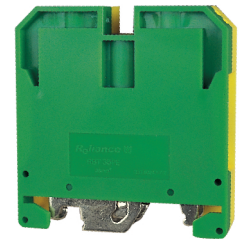
RBT10PE
Universal ground



RBT16PE
Universal ground



RBT35PE
Universal ground



Dimensions

Width/Length/height*(\swarrow / \searrow)mm

53.5/10/(47.7/52.2)

53.5/12/(53.5/58.3)

58/18/(63/68)

Insulation stripping length(mm)

12

15

20

Clamping screw:Specification/Tightening torque range(Nm)▲

M4/2.0...2.4

M4/2.0...2.4

M6/5.0

Center screw:Specification/Tightening torque range(Nm)▲

M4/1.5...1.8

M4/1.5...1.8

M5/2.5...3.0

Rated data

Rated Voltage/Rated current/Rated cross-section

-/-/10mm²

-/-/16mm²

-/-/35mm²

Rated impulse Voltage/Contamination Level

8kV/3

8kV/3

8kV/3

Clampable Conductors(mm²)

Solid

1.5...10

2.5...10

6...16

Stranded

2.5...10

4...16

16...50

Stranded with ferrule

1.5...10

4...16

10...35

Order data

Cat.No.	Qty
680054	40

Cat.No.	Qty
680056	30

Cat.No.	Qty
680057	20

Screwdrivers



Dimensions(LengthXWidth)

1.0X4.0

1.0X4.0

1.0X6.5

Marking tags.



Blank
Consecutive horizontal
Consecutive vertical

Type	Cat.No.
TM8/8	680904
TM8/8H	680914
TM8/8V	680924

Type	Cat.No.
TM8/8	680904
TM8/8H	680914
TM8/8V	680924

Type	Cat.No.
TM8/8	680904
TM8/8H	680914
TM8/8V	680924

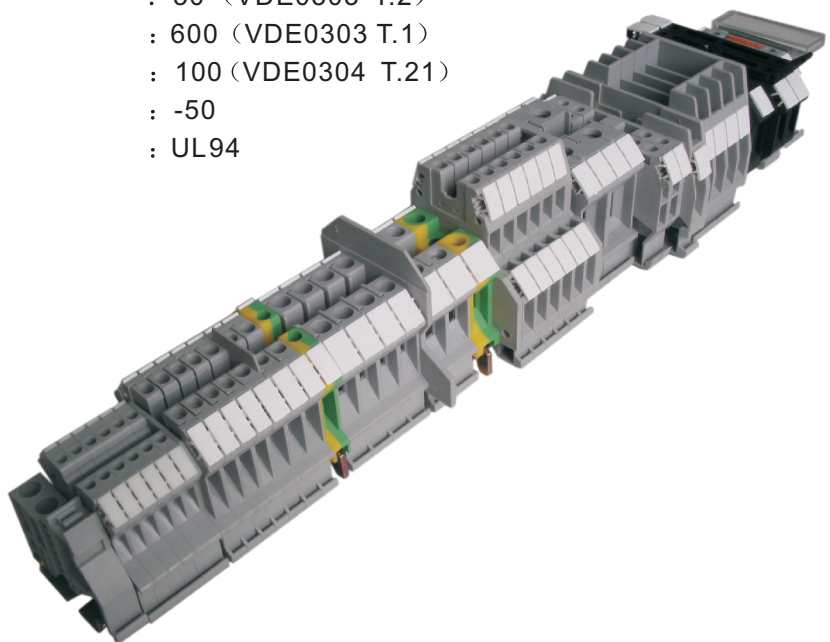
RCT Copper Terminal Blocks

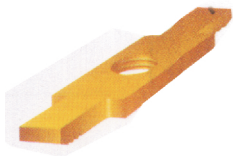
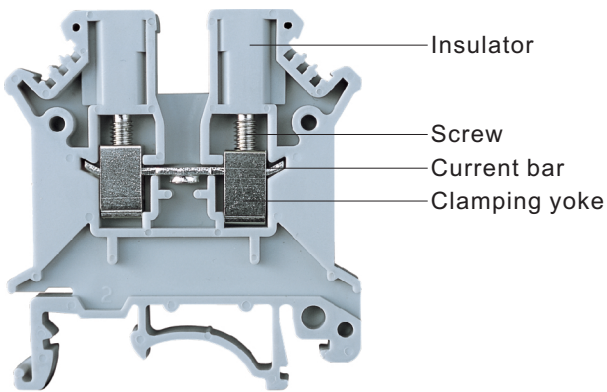
- The blocks adopt a copper clamp connection system to guarantee a long-term protection in severe condition of humidity, salt spray, etc.
- The blocks have a special clamping structure to guarantee self-locking and loosening protection.
- Insulation parts made of imported nylon PA66 have excellent pliability and fire resistance.
- The connect capacity ranges from 0.05 to 35 mm² with terminals of test, disconnection, fuse types etc.
- Various types of blocks can apply to different electric connection.
- Low voltage drop
- High cost performance.

The material PA66 used is halogen-free. Even it is burnt, there are no combustion vapors which can lead to corrosive deposits. In addition, PA66 can function well in aggressive climate. Insulation components made of PA66 have good resistance to termites, anaerobes, funguses because it does not provide oxygen and other biological elements for microorganisms. PA66 is characterized by excellent resistance to oils, fats, alcohol, carbontetrachloride and other common detergents

The insulation parts made from improved PA66 have excellent electrical and mechanical properties.

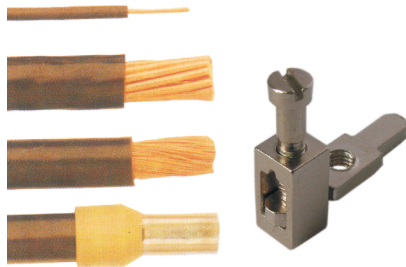
Specific Resistance($\Omega \times \text{cm}$)	: $>10^{12}$ (VDE0303 T.30)
Dielectric Strength (kV/mm)	: 30 (VDE0303 T.2)
Tracking resistance CTI(V)	: 600 (VDE0303 T.1)
Continuous service temperature($^{\circ}\text{C}$)	: 100 (VDE0304 T.21)
Lowest temperature limit, static($^{\circ}\text{C}$)	: -50
Flammability to UL94 is V ₀	: UL94





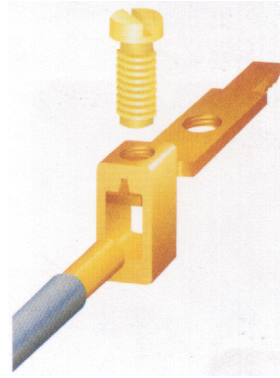
Current Bar

1. The flat base of the clamping unit ensures that even the thinnest connection leads can be clamped tightly.
2. The transverse grooves of the current bar can break the oxide film on the conductor at several points to provide a good connection without wrenching.
3. The stable clamping unit with a small manufacturing deviation provides a high contact pressure to keep a gas-tight connection to effectively avoid any gas erosion. Thus a long-term and stable connection is guaranteed even in an erosive ambient.



Reliance RCT copper terminal blocks

Can connect solid or stranded copper conductors. For stranded conductors, RCT terminals can provide a reliable connection with or without ferrule.



Self-locking of screws:

RCT copper terminal blocks assure a tight connection and prevent screws self-loosening by "Reakdyn principle". The clamping units for cross-sections of up to 10mm² are designed as cages. The working principle is based on "the cage principle". When the screw is tightened, the head of the screw is above the current bar while the clamping unit moving upwards. Then the conductor in the clamping unit is tightened with the current bar. The high contact force makes the conductor inserted to the soft tin-plating film of the current bar. The transmit electric resistance in a 4mm² terminal is only 0.1mΩ which is obviously lower than the lowest value according to IEC947 -7-1.

With clamping parts with cages the screws are secured by means of the "Reakdyn groove" on the upper side of the cage. When the screw is tightened with a bigger torque, an elastic deformation occurs in the cage. In conjunction with the thread friction and the inherent elasticity of the cage material, this deformation effectively and progressively prevents the screw loosening.



Reliance terminal metal parts

Due to the different mechanical strength requirements, metal parts of screw type terminals are made of different materials. The screws are made of high tensile copper alloys. The current bars are made of electrolytic copper and the clamping units are made of a copper alloy which is resistant to stress corrosion cracking. The surface of these metal parts is protected by a galvanic nickel or tin plating. The copper terminal blocks can avoid electrolytic corrosion between the copper conductor and the steel metal parts in the presence of moisture. Thus it can avoid electrocorrosion and its consequences---unreliable electrical contacts and rusted screws.

Since the metal parts and the conductors are both copper, the terminals can keep a good connection even at frequent temperature fluctuations. Between the conductor and the metal parts, there is practically no relative thermal expansion caused by different material expansion coefficient, therefore there is no mechanical stress in terminals and the danger of loosening is eliminated.

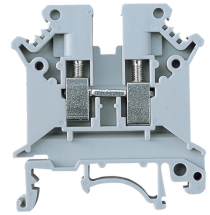
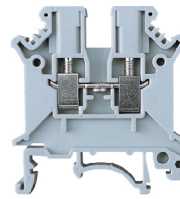
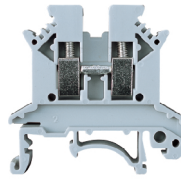
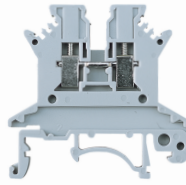
RCT Copper Terminal Blocks

RCT1.5
Universal

RCT2.5E
Installation

RCT2.5
Universal

RCT4
Universal



Dimensions

Width/Length/height*(L/l/L)mm	42.5/4.2/(42/47)	42.5/6.2/(42/47)	42.5/5.2/(47/52)	42.5/6.2/(47/52)
-------------------------------	------------------	------------------	------------------	------------------

Insulation stripping length(mm)/Clamping screw/Tightening torque range(Nm)▲	7/M2/0.22-0.25	8/M3/0.6-0.8	8/M3/0.6-0.8	8/M3/0.6-0.8
---	----------------	--------------	--------------	--------------

Rated data

Rated Voltage/Rated current/Rated cross-section	500V/17.5A/1.5mm ²	690V/32A/2.5mm ²	800V/32A/2.5mm ²	800V/41A/4mm ²
---	-------------------------------	-----------------------------	-----------------------------	---------------------------

Rated impulse Voltage/Contamination Level	6kV/3	8kV/3	8kV/3	8kV/3
---	-------	-------	-------	-------

Clampable Conductors(mm²)

Solid	0.14.....1.5	0.2.....4	0.2.....4	0.2.....6
-------	--------------	-----------	-----------	-----------

Stranded	0.14.....1.5	0.2.....2.5	0.2.....2.5	0.2.....4
----------	--------------	-------------	-------------	-----------

Stranded with ferrule	0.14.....0.75	0.2.....1.5	0.2.....1.5	0.2.....2.5
-----------------------	---------------	-------------	-------------	-------------

Order data

- Color**
- Grey
 - Blue
 - Green
 - Yellow
 - Red

Cat.No.	Qty	Cat.No.	Qty	Cat.No.	Qty	Cat.No.	Qty
681010	120	681420	100	681020	100	681030	100
681011(RCT 1.5BU)		681421(RCT 2.5EBU)		681021(RCT 2.5BU)		681031(RCT 4BU)	
681012(RCT 1.5GN)		681422(RCT 2.5EGN)		681022(RCT 2.5GN)		681032(RCT 4GN)	
681013(RCT 1.5YW)		681423(RCT 2.5EYW)		681023(RCT 2.5YW)		681033(RCT 4YW)	
681014(RCT 1.5RD)		681424(RCT 2.5ERD)		681024(RCT 2.5RD)		681034(RCT 4RD)	

End cover



Type	Cat.No.	Type	Cat.No.	Type	Cat.No.	Type	Cat.No.
RCP1.5	684010	RCP1.5	684010	RCP2.5-10	684020	RCP2.5-10	684020
Thickness1.5mm		Thickness1.5mm		Thickness1.8mm		Thickness1.8mm	

Small partition



BS3	BSS3	BSS3	681283	BS3	681282	BS3	681282
-----	------	------	--------	-----	--------	-----	--------

Partition plate



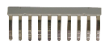
RCP	681281	RCP	681281	RCP	681281	RCP	681281
-----	--------	-----	--------	-----	--------	-----	--------

Cross-connection



	Imax:12A		Imax:41A		Imax:30A		Imax:41A	
2-Pole	CQ2-1.5	684412	CQ2-4	684432	CQ2-2.5	684422	CQ2-4	684432
3-Pole	CQ3-1.5	684413	CQ3-4	684433	CQ3-2.5	684423	CQ3-4	684433
4-Pole	CQ4-1.5	684414	CQ4-4	684434	CQ4-2.5	684424	CQ4-4	684434
10-Pole	CQ10-1.5	684420	CQ10-4	684440	CQ10-2.5	684430	CQ10-4	684440

Insertion bridge



Fully insulated 2-Pole	CQB2-4	684632	CQB2-2.5	684622	CQB2-4	684632
Fully insulated 3-Pole	CQB3-4	684633	CQB3-2.5	684623	CQB3-4	684633
Fully insulated 4-Pole	CQB4-4	684634	CQB4-2.5	684624	CQB4-4	684634
Fully insulated 10-Pole	CQB10-4	684640	CQB10-2.5	684630	CQB10-4	684640
Max.clampable conductors with insertion bridge(solid/stranded)	4/4		4/2.5		4/4	

Caution marking



CW3-4	811093	CW3-2.5	811092	CW3-4	811093
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Screwdrivers



Dimensions(LengthXWidth)	0.4X2.5	0.6X3.5	0.6X3.5	0.6X3.5
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Marking tags.



Blank	TM8.5/4	681901	TM10.5/6	681903	TM10.5/5	681902	TM10.5/6	681903
Consecutive horizontal	TM8.5/4H	681911	TM10.5/6H	681913	TM10.5/5H	681912	TM10.5/6H	681913
Consecutive vertical	TM8.5/4V	681921	TM10.5/6V	681923	TM10.5/5V	681922	TM10.5/6V	681923

Safeguard Bar



- White
- Blue
- Green
- Yellow
- Red

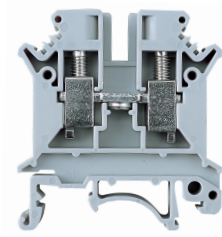
RCTP4	684820	RCTP2.5	684810	RCTP4	684820
RCTP4BU	684821	RCTP2.5BU	684811	RCTP4BU	684821
RCTP4GN	684822	RCTP2.5GN	684812	RCTP4GN	684822
RCTP4YW	684823	RCTP2.5YW	684813	RCTP4YW	684823
RCTP4RD	684824	RCTP2.5RD	684814	RCTP4RD	684824

*Note:The dimensions are measured when terminals are installed on RTR35,RTR32 mounting rails

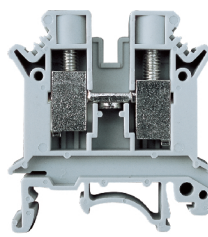
▲Note:Please choose the right tool strictly following the torque range.

RCT Copper Terminal Blocks

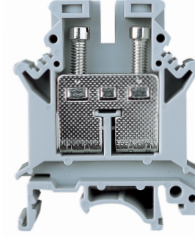
RCT6
Universal



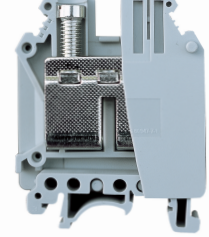
RCT10
Universal



RCT16
Universal



RCT35
Universal



Dimensions

Width/Length/height*($\sqrt{\quad}$ / $\sqrt{\quad}$)mm	42.5/8.2/(47/52)	42.5/10.2/(47/52)	42.5/12.2/(54/59)	50/15.2/(62/67)
---	------------------	-------------------	-------------------	-----------------

Insulation stripping length(mm)/Clamping screw/Tightening torque range(Nm)▲	10/M4/1.5-1.8	10/M4/1.5-1.8	11/M4/1.5-1.8	16/M6/3.2-3.7
---	---------------	---------------	---------------	---------------

Rated data

Rated Voltage/Rated current/Rated cross-section	800V/57A/6mm ²	800V/76A/10mm ²	800V/101A/16mm ²	1000V/150A/35mm ²
---	---------------------------	----------------------------	-----------------------------	------------------------------

Rated impulse Voltage/Contamination Level	8kV/3	8kV/3	8kV/3	8kV/3
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Clampable Conductors(mm²)

Solid	0.2.....10	0.5.....16	2.5.....16	0.75.....16
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Stranded	0.2.....6	0.5.....10	4.....16	0.75.....35
----------	-----------	------------	----------	-------------

Stranded with ferrule	0.2.....6	0.5.....6	4.....16	0.75.....35
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Order data

Color

- Grey
- Blue
- Green
- Yellow
- Red

Cat.No.	Qty	Cat.No.	Qty	Cat.No.	Qty	Cat.No.	Qty
681040	100	681050	50	681060	30	681070	30
681041(RCT 6BU)		681051(RCT 10BU)		681061(RCT 16BU)		681071(RCT 35BU)	
681042(RCT 6GN)		681052(RCT 10GN)		681062(RCT 16GN)		681072(RCT 35GN)	
681043(RCT 6YW)		681053(RCT 10YW)		681063(RCT 16YW)		681073(RCT 35YW)	
681044(RCT 6RD)		681054(RCT 10RD)		681064(RCT 16RD)		681074(RCT 35RD)	

End cover



● Grey

Type	Cat.No.	Type	Cat.No.	Type	Cat.No.	Type	Cat.No.
RCP2.5-10	684020	RCP2.5-10	684020	RCP16	684070	Closed housing without cover	
Thickness1.8mm		Thickness1.8mm		Thickness1.5mm			

Small partition



BS3



BSS3

Type	Cat.No.	Type	Cat.No.	Type	Cat.No.	Type	Cat.No.
BS3	681282	BS3	681282	BS3	681282	BS3	681282

Partition plate



Thickness1.5mm

Type	Cat.No.	Type	Cat.No.	Type	Cat.No.
RCP	681281	RCP	681281	RCP	681281

Cross-connection



	Imax:57A		Imax:76A		Imax:101A		Imax:150A	
2-Pole	CQ2-6	684442	CQ2-10	684452	CQ2-16	684462	CQ2-35	684472
3-Pole	CQ3-6	684443	CQ3-10	684453	CQ3-16	684463	CQ3-35	684473
4-Pole	CQ4-6	684444	CQ4-10	684454	CQ4-16	684464	CQ4-35	684474
10-Pole	CQ10-6	684450	CQ10-10	684460	CQ10-16	684470	CQ10-35	684480

Insertion bridge



Fully insulated 2-Pole	CQB2-6	684642	CQB2-10	684652				
Fully insulated 3-Pole	CQB3-6	684643	CQB3-10	684653				
Fully insulated 4-Pole	CQB4-6	684644	CQB4-10	684654				
Fully insulated 10-Pole	CQB10-6	684650	CQB10-10	684660	CQB10-16	684670	CQB10-35	684680

Max. clampable conductors with insertion bridge(solid/stranded)4/4

Caution marking



CW3-6	811094	CW3-10	811095	CW3-16	811096	CW3-35	811097
-------	--------	--------	--------	--------	--------	--------	--------

Screwdrivers



Dimensions(LengthXWidth)

1.0X4.0		1.0X4.0		1.0X4.0		1.0X6.5	
---------	--	---------	--	---------	--	---------	--

Marking tags.



Blank



Consecutive horizontal



Consecutive vertical

TM10.5/8	681904	TM10.5/10	681905	TM10.5/10	681905	TM10.5/10	681905
TM10.5/8H	681914	TM10.5/10H	681915	TM10.5/10H	681915	TM10.5/10H	681915
TM10.5/8V	681924	TM10.5/10V	681925	TM10.5/10V	681925	TM10.5/10V	681925

Safeguard Bar

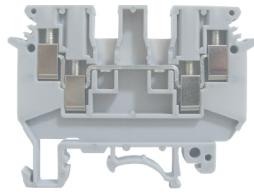


- White
- Blue
- Green
- Yellow
- Red

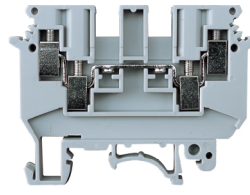
RCTP6	684830
RCTP6BU	684831
RCTP6GN	684832
RCTP6YW	684833
RCTP6RD	684834

RCT Copper Terminal Blocks

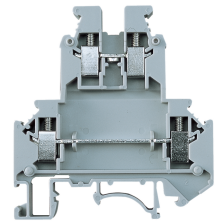
**RCT2.5FO
Double**



**RCT4FO
Double**



**RCT4D
Double Level**



Dimensions

Width/Length/height*($\frac{L}{L_1}$ / $\frac{L_2}{L_3}$)mm

Insulation stripping length(mm)/Clamping screw/Tightening torque range(Nm)▲

Rated data

Rated Voltage/Rated current/Rated cross-section

Rated impulse Voltage/Contamination Level

Clampable Conductors(mm²)

Solid

Stranded

Stranded with ferrule

Order data

Color

- Grey
- Blue
- Green
- Yellow
- Red

End cover

● Grey



Small partition



BS3



BSS3

Partition plate



厚度/Thickness1.5mm

Cross-connection



2-Pole

3-Pole

4-Pole

10-Pole

Insertion bridge



Fully insulated 2-Pole

Fully insulated 3-Pole

Fully insulated 4-Pole

Fully insulated 10-Pole

Max. clampable conductors with insertion bridge(solid/stranded)

Caution marking



Screwdrivers



Dimensions(LengthXWidth)

Marking tags.



Blank

Consecutive horizontal

Consecutive vertical

Safeguard Bar



- White
- Blue
- Green
- Yellow
- Red

63.5/5.2/ (47/52.5)

8/M3/0.6-0.8

500V/32A/2.5mm ²

6kV/3

0.2.....4
0.2.....2.5
0.2.....1.5

Cat.No.	Qty
681080	60
681081(RCT 2.5FOBU)	
681082(RCT 2.5FOGN)	
681083(RCT 2.5FOYW)	
681084(RCT 2.5FORD)	

Type	Cat.No.
RCP4FO	684080
Thickness1.5mm	

BSS3	681283
------	--------

I _{max} :26A	
CQ2-2.5	684422
CQ3-2.5	684423
CQ4-2.5	684424
CQ10-2.5	684430

CQB2-2.5	684622
CQB3-2.5	684623
CQB4-2.5	684624
CQB10-2.5	684630
2.5/2.5	

CW3-2.5	811092
---------	--------

0.6X3.5

TM10.5/5	681902
TM10.5/5H	681912
TM10.5/5V	681922

63.5/6.2/ (47/52.5)

8/M3/0.6-0.8

690V/32A/4mm ²

8kV/3

0.2.....6
0.2.....4
0.2.....2.5

Cat.No.	Qty
681090	60
681091(RCT 4FOBU)	
681092(RCT 4FOGN)	
681093(RCT 4FOYW)	
681094(RCT 4FORD)	

Type	Cat.No.
RCP4FO	684080
Thickness1.5mm	

BSS3	681283
------	--------

I _{max} :34A	
CQ2-4	684432
CQ3-4	684433
CQ4-4	684434
CQ10-4	684440

CQB2-4	684632
CQB3-4	684633
CQB4-4	684634
CQB10-4	684640
2.5/2.5	

CW3-4	811093
-------	--------

0.6X3.5

TM10.5/6	681903
TM10.5/6H	681913
TM10.5/6V	681923

56/6.2/(62/67)



8/M3/0.6-0.8

500V/32A/4mm ²

6kV/3

0.2.....4
0.2.....4
0.25.....2.5

Cat.No.	Qty
681100	40
681101(RCT 4DBU)	
681102(RCT 4DGN)	
681103(RCT 4DYW)	
681104(RCT 4DRD)	

Type	Cat.No.
RCP4D1 	684090
Compensating plate, adding 2.5mm thickness	
RCP4D2 	684100
Compensating plate, without adding thickness	

BSS3	681283
------	--------

I _{max} :32A	
CQ2-4	684432
CQ3-4	684433
CQ4-4	684434
CQ10-4	684440

CQB2-4	684632
CQB3-4	684633
CQB4-4	684634
CQB10-4	684640
4/2.5	

CW3-4	811093
-------	--------

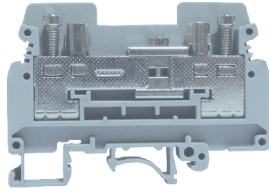
0.6X3.5

TM10.5/6	681903
TM10.5/6H	681913
TM10.5/6V	681923

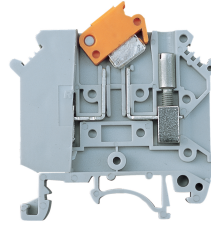
RCTP4FO	684840
RCTP4FOBU	684841
RCTP4FOGN	684842
RCTP4FOYW	684843
RCTP4FORD	684844

RCT Copper Terminal Blocks

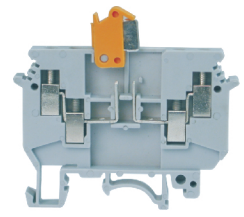
RCT6T
Simple Test Disconnect



RCT4SW
Knife Disconnect



RCT4FO-SW
Double and Knife disconnect



Dimensions

Width/Length/height*(\perp / \rightarrow / \uparrow)mm

72/8.2/(51.5/56)

51/6.2/(58.5/63.5)

63.5/6.2/(47/52)

Insulation stripping length(mm)/Clamping screw/Tightening torque range(Nm)▲

13/M4/1.2-1.5

8/M3/0.5-0.6

8/M3/0.6-0.8

Rated data

Rated Voltage/Rated current/Rated cross-section

400V/57A/6mm²

800V/16A/4mm²

690V/16A/4mm²

Rated impulse Voltage/Contamination Level

6kV/3

8kV/3

8kV/3

Clampable Conductors(mm²)

Solid

0.5.....10

0.2.....4

0.2.....6

Stranded

0.5.....6

0.2.....4

0.2.....4

Stranded with ferrule

0.5.....4

0.5.....2.5

0.5.....2.5

Order data

Color

- Grey
- Blue
- Green
- Yellow
- Red

Cat.No.

681110
681111(RCT 6TBU)
681112(RCT6TGN)
681113(RCT6TYW)
681114(RCT6TRD)

Qty

50

Cat.No.

681120
681121(RCT 4SWBU)
681122(RCT 4SWG)
681123(RCT 4SWYW)
681124(RCT 4SWRD)

Qty

50

Cat.No.

681130
681131(RCT 4FO-SWBU)
681132(RCT 4FO-SWGN)
681133(RCT 4FO-SWYW)
681134(RCT 4FO-SWRD)

Qty

60

End cover



● Grey

Type

RCP6T

Cat.No.

684110

Thickness2.2mm

Type

Closed housing without cover

Cat.No.

Type

RCP4FO

Cat.No.

684080

Thickness1.5mm

Small partition



BS3



BSS3

Partition plate



厚度/Thickness1.5mm

RCP6T1

681273

Cross-connection

I_{max}:45A



2-Pole

CQ2-6T

684482

3-Pole

CQ3-6T

684483

4-Pole

CQ4-6T

684484

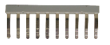
10-Pole

CQ10-6T

684490



Insertion bridge



Fully insulated 2-Pole

CQB2-6

684642

Fully insulated 3-Pole

CQB3-6

684643

Fully insulated 4-Pole

CQB4-6

684644

Fully insulated 10-Pole

CQB10-6

684650

Max. clampable conductors with insertion bridge(solid/stranded)

CQB2-4

684632

CQB3-4

684633

CQB4-4

684634

CQB10-4

684640

4/4

CQB2-4

684632

CQB3-4

684633

CQB4-4

684634

CQB10-4

684640

2.5/2.5

Caution marking



Screwdrivers



Dimensions(LengthXWidth)

1.0X4.0

0.6X3.5

0.6X3.5

Marking tags



Blank

TM10.5/8

681904

TM10.5/6

681903

TM10.5/6

681903

Consecutive horizontal

TM10.5/8H

681914

TM10.5/6H

681913

TM10.5/6H

681913

Consecutive vertical

TM10.5/8V

681924

TM10.5/6V

681923

TM10.5/6V

681923

Safeguard Bar



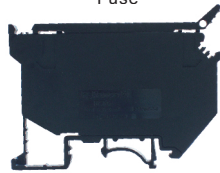
- White
- Blue
- Green
- Yellow
- Red

RCTP6T
RCTP6TBU
RCTP6TGN
RCTP6TYW
RCTP6TRD

684880
684881
684882
684883
684884

RCT Copper Terminal Blocks

RCT4F
Fuse



RCT16F
Fuse



Dimensions

Width/Length/height*(--- / --- / ---)mm

72.5/8.2/(56.5/61.5)

62/12/ (59/64)

Insulation stripping length(mm)/Clamping screw/Tightening torque range(Nm)▲

8/M3/0.6-0.8

11/M4/1.5-1.8

Rated data

Rated Voltage/Rated current/Rated cross-section

800V/6.3A/4mm²

800V/10A/16mm²

Rated impulse Voltage/Contamination Level

6kV/3

4kV/3

Clampable conductors(mm²)

Solid

0.2.....4

0.5.....16

Stranded

0.2.....4

0.5.....10

Stranded with ferrule

0.2.....4

0.5.....10

Order data

Color

● Black

Cat.No.

681140

Qty

50

Cat.No.

681160(5×20)

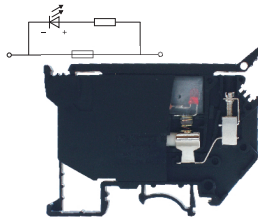
681161(5×25)

Qty

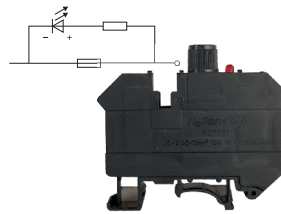
20

20

RCT4FLD
Fuse with LED



RCT16FLD
Fuse with LED



Dimensions

Width/Length/height*(--- / --- / ---)mm

72.5/8.2/(56.5/61.5)

62/12/ (59/64)

Insulation stripping length(mm)/Clamping screw/Tightening torque range(Nm)▲

8/M3/0.6-0.8

11/M4/1.5-1.8

Rated data

Rated Voltage/Rated current/Rated cross-section

-/6.3A/4mm²

-/10A/16mm²

Rated impulse Voltage/Contamination Level

6kV/3

4kV/3

Clampable conductors(mm²)

Solid

0.2.....4

0.5.....16

Stranded

0.2.....4

0.5.....10

Stranded with ferrule

0.2.....4

0.5.....10

Order data

Color

● Black

Cat.No.

681150(15V~30V)

681151(110V~250V)

Qty

50

50

Cat.No.

681170(15~30V)(5×20)

681171(110~250V)(5×20)

Cat.No.

681172(15~30V)(5×25)

681173(110~250V)(5×25)

Qty

20

20

Cross-connection



2-Pole

3-Pole

4-Pole

10-Pole

Insertion bridge



Fully insulated 2-Pole

CQB2-6

684642

Fully insulated 3-Pole

CQB3-6

684643

Fully insulated 4-Pole

CQB4-6

684644

Fully insulated 10-Pole

CQB10-6

684650

Max. clampable conductors with insertion bridge(solid/stranded)4/4

Screwdrivers



Dimensions(LengthXWidth)

0.6X3.5

Fuse

1, The two points of connections with the fuse still have voltage when the fuse is broken.

2, please notice the anode and cathode of diode when connection with direct current.

Marking tags.



Blank

TM10.5/8

681904



Consecutive horizontal

TM10.5/8H

681914



Consecutive vertical

TM10.5/8V

681924

Imax:63A

CQ2-16

684462

CQ3-16

684463

CQ4-16

684464

CQ10-16

684470

CQB10-16

684670

10/10

1.0X4.0

GFA5×20

GFA5×25

Breaking Capacity 20kA

*Note:Please select the fuse based on the current from the right list. These G Type fuses are mainly used for shortcircuit and overload protections. If you have any other request, please let us know.

RCT Copper Terminal Blocks

RCT 10F Fuse



Dimensions

Width/Length/height*(\leftarrow / \rightarrow)mm

72/20/(61)

Insulation stripping length(mm)/Clamping screw/Tightening torque range(Nm)▲

12/M4/(2.0-2.4)

Rated data

Rated Voltage/Rated current/Rated cross-section

380V/20A*/10mm²

Rated impulse Voltage/Contamination Level

4kV/3

Clampable conductors(mm²)

Solid

1.5.....10

Stranded

2.5.....10

Stranded with ferrule

1.5.....10

Order data

Color

● Dark Beige

Cat.No.

681240

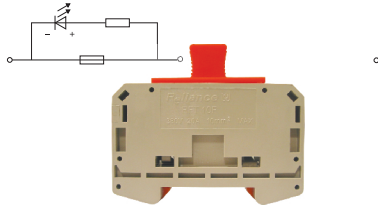
Qty

10

*The rated current is based on the fuse

Type of fuse		
Type	Specs	Cat.No.
GFA5×20	0.5A	928001
GFA5×20	1A	928002
GFA5×20	2A	928003
GFA5×20	3A	928004
GFA5×20	4A	928005
GFA5×20	6.3A	928006
GFA5×20	8A	928007
GFA5×20	10A	928008
GFA5×25	1A	928012
GFA5×25	2A	928013
GFA5×25	4A	928014
GFA5×25	6.3A	928015
GFA5×25	8A	928016
GFA5×25	10A	928017

RCT 10FLD Fuse with LED



Dimensions

Width/Length/height*(\leftarrow / \rightarrow)mm

72/20/(61)

Insulation stripping length(mm)/Clamping screw/Tightening torque range(Nm)▲

12/M4/(2.0-2.4)

Rated data

Rated Voltage/Rated current/Rated cross-section

-/20A*/10mm²

Rated impulse Voltage/Contamination Level

4kV/3

Clampable conductors(mm²)

Solid

1.5.....10

Stranded

2.5.....10

Stranded with ferrule

1.5.....10

Order data

Color

● Dark Beige

Cat.No.

681250

(15V~30V)

Qty

10

681260

(110V~220V)

10

*The rated current is based on the fuse

Type of fuse		
Type	Specs	Cat.No.
GFA10.3×38	0.5A	928045
GFA10.3×38	2A	928051
GFA10.3×38	4A	928052
GFA10.3×38	6A	928053
GFA10.3×38	8A	928054
GFA10.3×38	10A	928055
GFA10.3×38	12A	928056
GFA10.3×38	14A	928057
GFA10.3×38	16A	928058
GFA10.3×38	18A	928059
GFA10.3×38	20A	928060
GFA10.3×38	22A	928061
GFA10.3×38	24A	928062
GFA10.3×38	26A	928063
GFA10.3×38	28A	928064
GFA10.3×38	30A	928065

Cross-connection



2-Pole

3-Pole

4-Pole

10-Pole

End bracket



RF1 Thickness 12mm
Only for RTR35X15
rails mounting

Cat.No.

680089

Insertion bridge



Fully insulated 2-Pole

Fully insulated 3-Pole

Fully insulated 4-Pole

Fully insulated 10-Pole

Max. clampable conductors with insertion bridge(solid/stranded)

Screwdrivers



Dimensions(LengthXWidth)

1.0X5.5

Fuse

1, The two points of connections with the fuse still have voltage when the fuse is broken.

2, please notice the anode and cathode of diode when connection with direct current.

GFA10.3×38

Breaking Capacity 100kA

Marking tags.



Blank

TM8/6K

682902



Consecutive horizontal

TM8/6KH

682912



Consecutive vertical

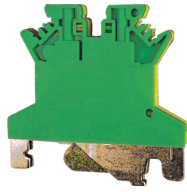
TM8/6KV

682922

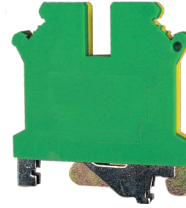
*Note:Please select the fuse based on the current from the right list. These G Type fuses are mainly used for short circuit and overload protections. If you have any other request, please let us know.

RCT Copper Terminal Blocks

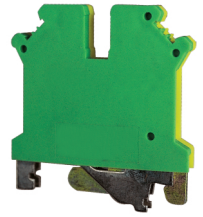
RCT1.5PE
Universal ground



RCT2.5PE
Universal ground



RCT4PE
Universal ground



Dimensions

Width/Length/height(←/→/↕)mm

42.5/4.2/(42/47)

Insulation stripping length(mm)

7

Clamping screw:Specification/Tightening torque range(Nm)▲

M2/0.22-0.25

Center screw:Specification/Tightening torque range(Nm)▲

M2/0.22-0.25

Rated data

Rated Voltage/Rated current/Rated cross-section

-/-1.5mm²

Rated impulse Voltage/Contamination Level

6/3

Clampable Conductors(mm²)

Solid

0.14.....1.5

Stranded

0.14.....1.5

Stranded with ferrule

0.14.....0.75

Order data

Cat.No.	Qty
681180	120

Screwdrivers

Dimensions(LengthXWidth)

0.4X2.5

Marking tags.

Type	Cat.No.
Blank	TM8.5/4
Consecutive horizontal	TM8.5/4H
Consecutive vertical	TM8.5/4V

Type	Cat.No.
Blank	TM8.5/4
Consecutive horizontal	TM8.5/4H
Consecutive vertical	TM8.5/4V

42.5/5.2/(47/52)

8

M3/0.6-0.8

M2.5/0.5-0.6

-/-2.5mm²

8/3

0.2.....4

0.2.....2.5

0.2.....1.5

Cat.No.	Qty
681181	80

0.6X3.5

Type	Cat.No.
Blank	TM10.5/5
Consecutive horizontal	TM10.5/5H
Consecutive vertical	TM10.5/5V

42.5/6.2/(47/52)

9

M3/0.6-0.8

M3/0.6-0.8

-/-4mm²

8/3

0.2.....6

0.2.....4

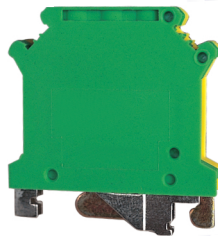
0.2.....2.5

Cat.No.	Qty
681182	80

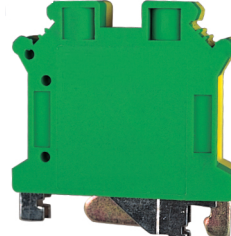
0.6X3.5

Type	Cat.No.
Blank	TM10.5/6
Consecutive horizontal	TM10.5/6H
Consecutive vertical	TM10.5/6V

RCT6PE
Universal ground



RCT10PE
Universal ground



RCT16PE
Universal ground



Dimensions

Width/Length/height(←/→/↕)mm

42.5/8.2/(47/52)

Insulation stripping length(mm)

10

Clamping screw:Specification/Tightening torque range(Nm)▲

M4/1.5-1.8

Center screw:Specification/Tightening torque range(Nm)▲

M4/1.5-1.8

Rated data

Rated Voltage/Rated current/Rated cross-section

-/-6mm²

Rated impulse Voltage/Contamination Level

8/3

Clampable Conductors(mm²)

Solid

0.2.....10

Stranded

0.2.....6

Stranded with ferrule

0.2.....6

Order data

Cat.No.	Qty
681183	60

Screwdrivers

Dimensions(LengthXWidth)

1.0X4.0

Marking tags.

Type	Cat.No.
Blank	TM10.5/8
Consecutive horizontal	TM10.5/8H
Consecutive vertical	TM10.5/8V

Type	Cat.No.
Blank	TM10.5/8
Consecutive horizontal	TM10.5/8H
Consecutive vertical	TM10.5/8V

42.5/10.2/(47/52)

10

M4/1.5-1.8

M4/1.5-1.8

-/-10mm²

8/3

0.5.....16

0.5.....10

0.5.....6

Cat.No.	Qty
681184	50

1.0X4.0

Type	Cat.No.
Blank	TM10.5/10
Consecutive horizontal	TM10.5/10H
Consecutive vertical	TM10.5/10V

42.5/12.2/(54/59)

11

M4/1.5-1.8

M4/1.5-1.8

-/-16mm²

8/3

2.5.....16

4.....16

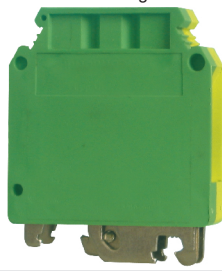
4.....16

Cat.No.	Qty
681185	30

1.0X4.0

Type	Cat.No.
Blank	TM10.5/10
Consecutive horizontal	TM10.5/10H
Consecutive vertical	TM10.5/10V

RCT35PE
Universal ground



Dimensions

Width/Length/height(↖/↗)mm	50/15.2/(62/67)
Insulation stripping length(mm)	15
Clamping screw:Specification/Tightening torque range(Nm)▲	M6/3.2-3.7
Center screw:Specification/Tightening torque range(Nm)▲	M5/2.5-3.0

Rated data

Rated Voltage/Rated current/Rated cross-section	-/-/35mm ²
Rated impulse Voltage/Contamination Level	8/3

Clampable Conductors(mm²)

Solid	0.75.....16
Stranded	0.75.....35
Stranded with ferrule	0.75.....35

Order data

Cat.No.	Qty
681186	20

Screwdrivers

Dimensions(LengthXWidth)	1.0X6.5
--------------------------	---------

Marking tags.

Type	Cat.No.
Blank	TM10.5/10 681905
Consecutive horizontal	TM10.5/10H 681915
Consecutive vertical	TM10.5/10V 681925

Terminalmarket carrier systems

Marking System:marking terminal groups and mounted on mounting rail
“↖” or “↗”

RTM15E
Marking System



Cat.No.	Qty
681585	50

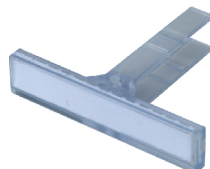
外形尺寸 Dimensions

Length/width/height(↖/↗)mm	44/15.5/ (46.4/51.2)
Marking(write or print)	40×12

Marker Clamp

It can be clamped onto an end bracket RF2

RTM15
Marker Clamp



Cat.No.	Qty
681586	50

Dimensions

Length/width/height(↖/↗)mm	46/9.5/(Height adjustable)
Marking(write or print)	40×7

RF2
End bracket



Cat.No.	Qty
681918	50

Dimensions

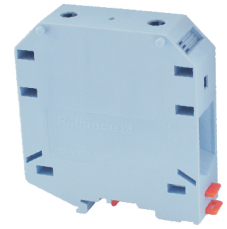
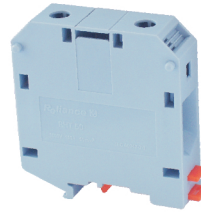
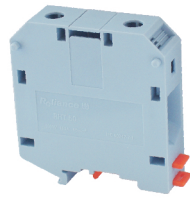
Length/width/height(↖/↗)mm	50.5/9.5/(38.2/39.3)
----------------------------	----------------------

RCT Copper Terminal Blocks

RCT50
Universal

RCT70
Universal

RCT95
Universal



Dimensions

Width/Length/height(—/—/—)mm	70.5/20.5/(83.5/81.5)	76/22.5/(92/89.8)	83/25/(97.5/95.5)
------------------------------	-----------------------	-------------------	-------------------

Insulation stripping length(mm)Clamping screw/Tightening torque range(Nm)▲	24/M6/(4-6)	24/M8▲/(10-15)	33/M8▲/(10-15)
--	-------------	----------------	----------------

Rated data

Rated Voltage/Rated current/Rated cross-section	1000V/150A/50mm ²	1000V/192A/70mm ²	1000V/232A/95mm ²
---	------------------------------	------------------------------	------------------------------

Rated impulse Voltage/Contamination Level	8kV/3	8kV/3	8kV/3
---	-------	-------	-------

Clampable Conductors(mm²)

Solid			
Stranded	25.....50	25.....70	35.....95
Stranded with ferrule	25.....50	25.....70	35.....95

Order data

Color	Cat.No.	Qty	Cat.No.	Qty	Cat.No.	Qty
● Grey	681190	10	681191	10	681192	5

End bracket



RF1 Thickness 12mm
Only for RTR35X15 rails mounting

Type	Cat.No.	Type	Cat.No.	Type	Cat.No.
------	---------	------	---------	------	---------

RF1	680089	RF1	680089	RF1	680089
-----	--------	-----	--------	-----	--------



GDQ2 Thickness 14mm
Only for RTR32X15 rails mounting

GDQ2	527011	GDQ2	527011	GDQ2	527011
------	--------	------	--------	------	--------

Cross-connection



	Imax:150A		Imax:192A		
2-Pole	CQ2-50	684492	CQ2-70	684502	
3-Pole	CQ3-50	684493	CQ3-70	684503	
4-Pole					
10-Pole					

Insertion bridge

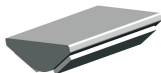


Fully insulated 2-Pole
Fully insulated 3-Pole

Max.clampable conductors with insertion bridge(solid/stranded)

			Imax:232A		
			CQB2-95	684682	
			CQB3-95	684683	
			95/70		

Insertion profile



Set on the bottom of the clamping
Yoke to connect flat cable.

RHT50-CC	811935	RHT70-CC	811936	RHT95-CC	811937
----------	--------	----------	--------	----------	--------

Screwdrivers



Dimensions(LengthXWidth)

1.2X8.0	Allen wrench S=6mm	Allen wrench S=6mm
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Marking tags.



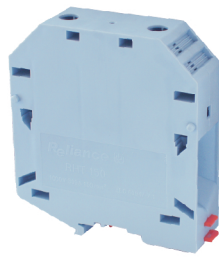
Blank	TM10.5/10	681905	TM10.5/10	681905	TM10.5/10	681905
Consecutive horizontal	TM10.5/10H	681915	TM10.5/10H	681915	TM10.5/10H	681915
Consecutive vertical	TM10.5/10V	681925	TM10.5/10V	681925	TM10.5/10V	681925

▲Note: Allen screw

*Note:The dimensions are measured when terminals are installed on RTR35,RTR32 mounting rails

RCT Copper Terminal Blocks

RCT150 Universal



RCT240 Universal



Dimensions

Width/Length/height(↖/↗)mm

100/31/(118.5/116)

100/36/(131.5/129.5)

Insulation stripping length(mm)/Clamping screw/Tightening torque(Nm)▲

40/M10▲/(15-20)

40/M10▲/(25-30)

Rated data

Rated Voltage/Rated current/Rated cross-section

1000V/309A/150mm²

1000V/415A/240mm²

Rated impulse Voltage/Contamination Level

8kV/3

8kV/3

Clampable Conductors(mm²)

Solid

Stranded

Stranded with ferrule

50.....150

70.....185

50.....150

70.....185

Order data

Color

● Grey

Cat.No.

681193

Qty

5

Cat.No.

681194

Qty

5

End bracket

Type

Cat. No.

Type

Cat.No.



RF1 Thickness 12mm
Only for RTR35X15
rails mounting

RF1

680089

RF1

680089



GDQ2 Thickness 14mm
Only for RTR32X15
rails mounting

GDQ2

527011

GDQ2

527011

Cross-connection

2-Pole

3-Pole

4-Pole

10-Pole



Insertion bridge

I_{max}:300A

I_{max}:382A



Fully insulated 2-Pole

CQB2-150

684692

CQB2-240

684702

Fully insulated 3-Pole

CQB3-150

684693

CQB3-240

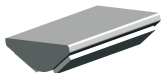
684703

Max. clampable conductors with insertion bridge(solid/stranded)

150/120

240/185

Insertion profile



RHT150-CC

811938

RHT240-CC

811939

Set on the bottom of the clamping
Yoke to connect flat cable.

Screwdrivers



Dimensions(LengthXWidth)

Allen wrench S=8mm

Allen wrench S=8mm

Marking tags.



Blank

TM10.5/10

681905

TM10.5/10

681905



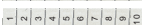
Consecutive horizontal

TM10.5/10H

681915

TM10.5/10H

681915



Consecutive vertical

TM10.5/10V

681925

TM10.5/10V

681925

▲Note: Allen screw

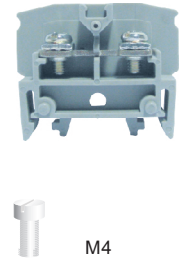
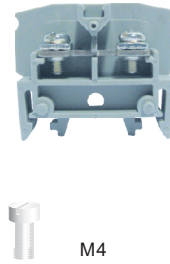
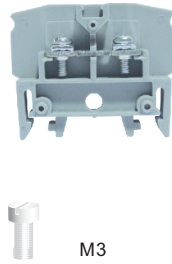
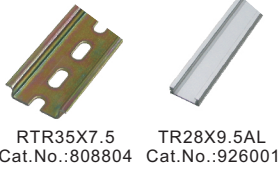
*Note:The dimensions are measured when terminals are installed on RTR35,RTR32 mounting rails

RKT Board terminal blocks

RKT1.5
Universal

RKT2.5
Universal

RKT4
Universal



Dimensions

Length/width/height* (长/宽/高) mm

42/7.5/(35.7/37.7)

42/9.5/(35.7/37.7)

42/12/(35.7/37.7)

Rated data

Rated Voltage/Rated current/Rated cross-section

660V/17.5A/1.5mm²

660V/24A/2.5mm²

660V/32A/4mm²

Rated impulse Voltage/Contamination Level

8kV/3

8kV/3

8kV/3

Clampable Conductors(mm²)

Solid

0.75.....1.5

1.....2.5

1.5.....4

Stranded

0.75.....1.5

1.....2.5

1.5.....4

Order data

Color

● Grey

Cat.No.

682001

Qty

100

Cat.No.

682002

Qty

100

Cat.No.

682003

Qty

50

End cover



● Grey

Type

RKP 1.5-4
Thickness 5mm

Cat.No.

682061

Type

RKP 1.5-4
Thickness 5mm

Cat.No.

682061

Type

RKP 1.5-4
Thickness 5mm

Cat.No.

682061

Insertion bridge



Fully insulated 2-Pole KQB2-1.5
Fully insulated 3-Pole KQB3-1.5
Fully insulated 4-Pole KQB4-1.5
Fully insulated 10-Pole KQB10-1.5

682202
682203
682204
682210

KQB2-2.5
KQB3-2.5
KQB4-2.5
KQB10-2.5

682212
682213
682214
682220

KQB2-4
KQB3-4
KQB4-4
KQB10-4

682222
682223
682224
682230

Max. clampable conductors with insertion bridge(solid/stranded)

End bracket

Thickness 10mm



RF5

682088

RF5

682088

RF5

682088

Marking System



Thickness 15.5mm
Only for RTR35*7.5 mounting Rail

RTM15E

681585

RTM15E

681585

RTM15E

681585

Shield



RKT1.5-4FG

682091

RKT1.5-4FG

682091

RKT1.5-4FG

682091

Marking tags.



Blank

TM8/6K

682902

TM8/6K

682902

TM8/6K

682902

Consecutive horizontal

TM8/6KH

682912

TM8/6KH

682912

TM8/6KH

682912

Consecutive vertical

TM8/6KV

682922

TM8/6KV

682922

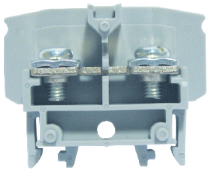
TM8/6KV

682922

*Note:The dimensions are measured when terminals are installed on RTR35,RTR32 mounting rails

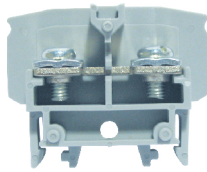
▲Note:Please choose the right tool strictly following the torque range.

RKT6
Universal



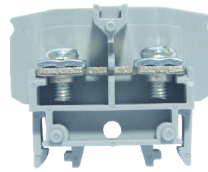
M5

RKT10
Universal



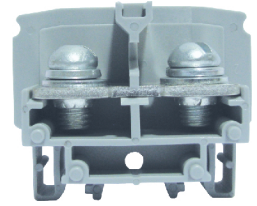
M5

RKT16
Universal



M5

RKT35
Universal



M8

50/13.5/(41/43)	50/15.5/ (41/43)	50/18/(41/43)	60/24/(47.7/49.7)
660V/41A/6mm ²	660V/57A/10mm ²	660V/76A/16mm ²	660V/125A/35mm ²
8kV/3	8kV/3	8kV/3	8kV/3
2.5.....6	4.....10	6.....16	16.....35
2.5.....6	4.....10	6.....16	16.....35

Cat.No.	Qty	Cat.No.	Qty	Cat.No.	Qty	Cat.No.	Qty
682004	50	682005	40	682006	30	682007	15

Type	Cat.No.	Type	Cat.No.	Type	Cat.No.	Type	Cat.No.
RKP6-16 Thickness 5mm	682062	RKP6-16 Thickness 5mm	682062	RKP6-16 Thickness 5mm	682062	RKP35/4F Thickness 5mm	682063

KQB2-6	682232	KQB2-10	682242	KQB2-16	682252	KQB2-35	682262
KQB3-6	682233	KQB3-10	682243	KQB3-16	682253	KQB3-35	682263
KQB4-6	682234	KQB4-10	682244	KQB4-16	682254	KQB4-35	682264
KQB10-6	682240						

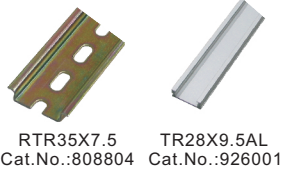
RF5	682088	RF5	682088	RF5	682088	RF5	682088
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RTM15E	681585	RTM15E	681585	RTM15E	681585	RTM15E	681585
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RKT6-16FG	682092	RKT6-16FG	682092	RKT6-16FG	682092	RKT35FG	682093
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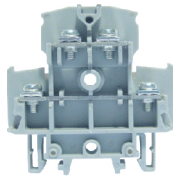
TM8/6K	682902	TM8/6K	682902	TM8/6K	682902	TM8/6K	682902
TM8/6KH	682912	TM8/6KH	682912	TM8/6KH	682912	TM8/6KH	682912
TM8/6KV	682922	TM8/6KV	682922	TM8/6KV	682922	TM8/6KV	682922

RKT Board terminal blocks



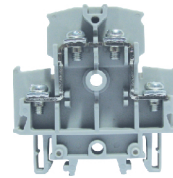
RTR35X7.5 Cat.No.:808804 TR28X9.5AL Cat.No.:926001

RKT4D Double Level



M4

RKT4DV Double Level and Link



M4

★The rated current is based on The fuse

Type of fuse		
Dimensions: Φ6.3mm×25mm		
Type	Specs	Cat.No.
GFA6.3×25	0.5A	928070
GFA6.3×25	1A	928071
GFA6.3×25	2A	928072
GFA6.3×25	3A	928073
GFA6.3×25	4A	928074
GFA6.3×25	6.3A	928076
GFA6.3×25	8A	928078
GFA6.3×25	10A	928080
GFA6.3×25	12A	928082
GFA6.3×25	16A	928086

Dimensions

Length/width/height(长/宽/高)mm

60/9.5/(60/62)

60/9.5/(60/62)

Rated data

Rated Voltage/Rated current/Rated cross-section

500V/32A/4mm²

500V/32A/4mm²

Rated impulse Voltage/Contamination Level

6kV/3

6kV/3

Clampable Conductors(mm²)

Solid

1.5.....4

1.5.....4

Stranded

1.5.....4

1.5.....4

Order data

Color

● Grey

Cat.No. 682008

Qty 50

Cat.No. 682009

Qty 50

End cover



● Grey

Type RKP4D

Thickness 5mm

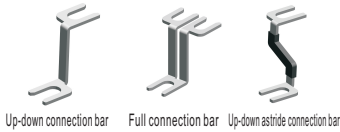
Cat.No. 682064

Type RKP4D

Thickness 5mm

Cat.No. 682064

Cross-connection



Up-down connection bar Full connection bar Up-down astride connection bar

RKT4D Up-down connection bar 682079
RKT4D Full connection bar 682077
RKT4D Up-down astride connection bar 682078

RKT4D Up-down connection bar 682079
RKT4D Full connection bar 682077
RKT4D Up-down astride connection bar 682078

Insertion bridge



Fully insulated 2-Pole KQB2-2.5 682212
Fully insulated 3-Pole KQB3-2.5 682213
Fully insulated 4-Pole KQB4-2.5 682214
Fully insulated 10-Pole KQB10-2.5 682220

Fully insulated 2-Pole KQB2-2.5 682212
Fully insulated 3-Pole KQB3-2.5 682213
Fully insulated 4-Pole KQB4-2.5 682214
Fully insulated 10-Pole KQB10-2.5 682220

Fully insulated 2-Pole KQB2-2.5 682212
Fully insulated 3-Pole KQB3-2.5 682213
Fully insulated 4-Pole KQB4-2.5 682214
Fully insulated 10-Pole KQB10-2.5 682220

Max.clampable conductors with insertion bridge(solid/stranded)

End bracket

Thickness 10mm



RF5

682088

RF5

682088

Marking System



Thickness 15.5mm
Only for RTR35*7.5 mounting Rail

RTM15E

681585

RTM15E

681585

Shield



RKT4D FG

682094

RKT4D FG

682094

Marking tags.



Blank

TM8/6K 682902

TM8/6K 682902

Consecutive horizontal

TM8/6KH 682912

TM8/6KH 682912

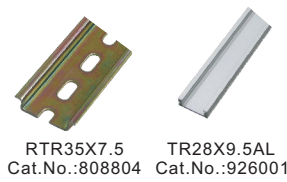
Consecutive vertical

TM8/6KV 682922

TM8/6KV 682922

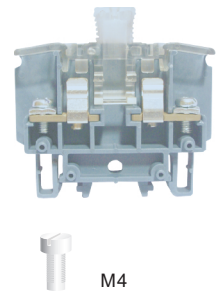
▲Note:Please choose the right tool strictly following to the torque range.

RKT Board terminal blocks

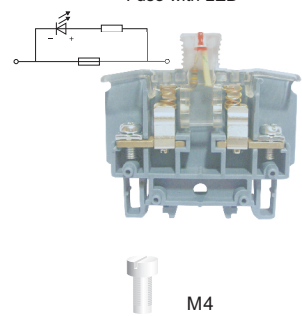


RTR35X7.5 Cat.No.:808804 TR28X9.5AL Cat.No.:926001

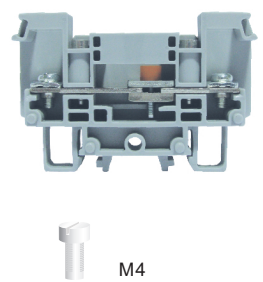
RKT4F Fuse



RKT4FLD Fuse with LED



RKT6T Simple Test Disconnect



Dimensions

Length/width/height*($\frac{L}{E}$)mm	60/10/(57.7/59.7)	60/10/(57.7/59.7)	72/12/(49/51)
---	-------------------	-------------------	---------------

Rated data

Rated Voltage/Rated current/Rated cross-section	500V/16A/4mm ²	-/16A/4mm ²	500V/41A/6mm ²
Rated impulse Voltage/Contamination Level	6kV/3	6kV/3	6kV/3
Clampable Conductors(mm²)			
Solid	1.....4	1.....4	2.5.....6
Stranded	1.....4	1.....4	2.5.....6

Order data

Color
● Grey

Cat.No.	Qty	Cat.No.	Qty	Cat.No.	Qty
682010	30	682011 (15-30V) 682012 (110-240V)	30	682013	20

End cover



● Grey

Type	Cat.No.	Type	Cat.No.	Type	Cat.No.
RKP35/4F Thickness 5mm	682063	RKP35/4F Thickness 5mm	682063	RKP6T Thickness 5mm	682065

Insertion bridge



Fully insulated 2-Pole	KQB2-4F	682272	KQB2-4F	682272	KQB2-4	682222
Fully insulated 3-Pole	KQB3-4F	682273	KQB3-4F	682273	KQB3-4	682223
Fully insulated 4-Pole	KQB4-4F	682274	KQB4-4F	682274	KQB4-4	682224
Fully insulated 10-Pole	KQB10-4F	682280	KQB10-4F	682280	KQB10-4	682230

End bracket

Thickness 10mm



RF5	682088	RF5	682088	RF5	682088
-----	--------	-----	--------	-----	--------

Marking System



Thickness 15.5mm
Only for RTR35*7.5 mounting Rail

RTM15E	681585	RTM15E	681585	RTM15E	681585
--------	--------	--------	--------	--------	--------

Fuse

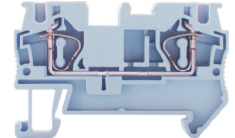
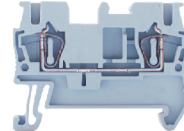
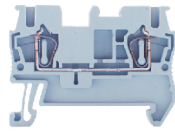
1, The two points of connections with the fuse still have voltage when the fuse is broken.
2, please notice the anode and cathode of diode when connection with direct current.

GFA6.3×25 Please view page 5-3	GFA6.3×25 Please view page 5-3
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Marking tags.



Blank	TM8/6K	682902	TM8/6K	682902	TM8/6K	682902
Consecutive horizontal	TM8/6KH	682912	TM8/6KH	682912	TM8/6KH	682912
Consecutive vertical	TM8/6KV	682922	TM8/6KV	682922	TM8/6KV	682922



Dimensions

Width/Length/End Cover Thickness (mm)

48.5/4.2/2

48.5/5.2/2

56/6.2/2.2

Height(35X7.5/35X15)(mm)

36.5/44

36.5/44

36.5/44

Insulation stripping length(mm)

10

10

12

Rated data

Rated Voltage/Rated current/Rated cross-section

500V/17.5A/1.5mm²

800V/24A/2.5mm²

800V/32A/4mm²

Rated impulse Voltage/Contamination Level

6KV/3

8KV/3

8KV/3

Clampable Conductors(mm²)

Stranded with ferrule with plastic sleeve

0.25.....1.5

0.25.....2.5

0.5.....4

Stranded with ferrule without plastic sleeve

0.25.....1.5

0.25.....2.5

0.5.....4

Stranded with Twin ferrule with plastic sleeve

0.5

0.5

0.5.....1

Order data

Color

● Grey

Cat.No.

683001

Qty

100

Cat.No.

683002

Qty

80

Cat.No.

683003

Qty

100

End cover

● Grey



Type

RSP1.5/2.5

Cat.No.

683061

Type

RSP1.5/2.5

Cat.No.

683061

Type

RSP4

Cat.No.

683062

Partition plate

● Grey



Thickness 2mm

RSP

683067

RSP

683067

RSP

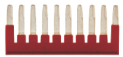
683067

Plug-in bridge

Imax:17.5A

Imax:24A

Imax:32A



2-Pole

RPL2-1.5

683102

RPL2-2.5

683112

RPL2-4

683122

3-Pole

RPL3-1.5

683103

RPL3-2.5

683113

RPL3-4

683123

4-Pole

RPL4-1.5

683104

RPL4-2.5

683114

RPL4-4

683124

10-Pole

RPL10-1.5

683110

RPL10-2.5

683120

RPL10-4

683130

Test plug



CPS2.3

811089

CPS2.3

811089

Converting test donning



RPC

683086

RPC

683086

End bracket



Thickness 9.5mm

RF3

683088

RF3

683088

RF3

683088

Screwdrivers



Dimensions(LengthXWidth)

0.4X2.5

0.6X3.5

0.6X3.5

Marking tags.



Blank

TM6.5/4

683901

TM6.5/5

683902

TM6.5/6

683903

Consecutive horizontal

TM6.5/4H

683911

TM6.5/5H

683912

TM6.5/6H

683913

Consecutive vertical

TM6.5/4V

683921

TM6.5/5V

683922

TM6.5/6V

683923

Marking tags.



Blank

TM8.5/4

681901

TM10.5/5

681902

TM10.5/6

681903

Consecutive horizontal

TM8.5/4H

681911

TM10.5/5H

681912

TM10.5/6H

681913

Consecutive vertical

TM8.5/4V

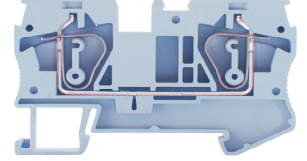
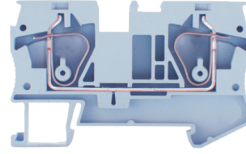
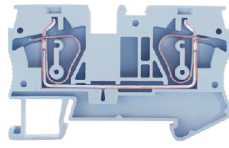
681921

TM10.5/5V

681922

TM10.5/6V


681923





Dimensions

Width/Length/End Cover Thickness (mm)	69.5/8.2/2.2	69.5/10/2.2	78/12/2.2
Height(35X7.5/35X15)(mm)	43.5/51	43.5/51	43.5/51
Insulation stripping length(mm)	12	12	12
Rated data			
Rated Voltage/Rated current/Rated cross-section	800V/41A/6mm ²	800V/57A/10mm ²	800V/76A/16mm ²
Rated impulse Voltage/Contamination Level	8KV/3	8KV/3	8KV/3
Clampable Conductors(mm²)			
Stranded with ferrule with plastic sleeve	0.5.....6	1.5.....10	1.5.....16
Stranded with ferrule without plastic sleeve	0.5.....6	1.5.....10	1.5.....16
Stranded with Twin ferrule with plastic sleeve	0.5.....1.5		


Order data	Color	Cat.No.	Qty	Cat.No.	Qty	Cat.No.	Qty
	● Grey	683004	50	683005	50	683006	50


End cover	Type	Cat.No.	Type	Cat.No.	Type	Cat.No.
	● Grey RSP6	683063	RSP6	683063	RSP16	683065


Partition plate	Type	Cat.No.	Type	Cat.No.	Type	Cat.No.
	● Grey RSP Thickness 2mm	683067	RSP	683067	RSP	683067


Plug-in bridge	Imax:41A	Imax:57A	Imax:76A
	2-Pole RPL2-6 683132	RPL2-10 683142	RPL2-16 683152
	3-Pole RPL3-6 683133		
	4-Pole RPL4-6 683134		
	10-Pole RPL10-6 683140		


Test plug			
			

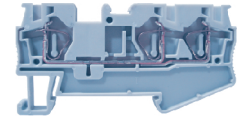
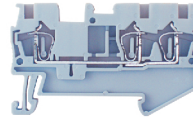
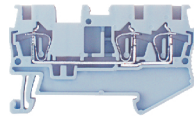
Converting test donning			
			

End bracket	RF3	683088	RF3	683088	RF3	683088
	Thickness 9.5mm					

Screwdrivers	Dimensions(LengthXWidth)	0.8X4.0	0.8X4.0	0.8X4.0
				

Marking tags.	Blank	TM6.5/8 683904	TM6.5/8 683904	TM6.5/8 683904
	Consecutive horizontal	TM6.5/8H 683914	TM6.5/8H 683914	TM6.5/8H 683914
	Consecutive vertical	TM6.5/8V 683924	TM6.5/8V 683924	TM6.5/8V 683924

Marking tags.	Blank	TM10.5/8 681904	TM10.5/10 681905	TM10.5/10 681905
	Consecutive horizontal	TM10.5/8H 681914	TM10.5/10H 681915	TM10.5/10H 681915
	Consecutive vertical	TM10.5/8V 681924	TM10.5/10V 681925	TM10.5/10V 681925



Dimensions

Width/Length/End Cover Thickness (mm)	60.5/4.2/2.2	60.5/5.2/2.2	71.5/6.2/2.2
Height(35X7.5/35X15)(mm)	36.5/44	36.5/44	36.5/44
Insulation stripping length(mm)	10	10	12
Rated data			
Rated Voltage/Rated current/Rated cross-section	500V/17.5A/1.5mm ²	800V/24A/2.5mm ²	800V/32A/4mm ²
Rated impulse Voltage/Contamination Level	6KV/3	8KV/3	8KV/3
Clampable Conductors(mm²)			
Stranded with ferrule with plastic sleeve	0.25.....1.5	0.25.....2.5	0.5.....4
Stranded with ferrule without plastic sleeve	0.25.....1.5	0.25.....2.5	0.5.....4
Stranded with Twin ferrule with plastic sleeve	0.5	0.5	0.5.....1

Order data	Color	Cat.No.	Qty	Cat.No.	Qty	Cat.No.	Qty
	● Grey	683028	100	683029	80	683032	50

End cover



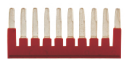
Type	Cat.No.	Type	Cat.No.	Type	Cat.No.
● Grey RSP1.5TO/2.5TO	683064	RSP1.5TO/2.5TO	683064	RSP4TO	683072

Partition plate



Type	Cat.No.	Type	Cat.No.	Type	Cat.No.
● Grey RTFD Thickness 2mm	683068	RTFD	683068	RTFD	683068

Plug-in bridge



	Imax:17.5A	Imax:24A	Imax:32A
2-Pole	RPL2-1.5 683102	RPL2-2.5 683112	RPL2-4 683122
3-Pole	RPL3-1.5 683103	RPL3-2.5 683113	RPL3-4 683123
4-Pole	RPL4-1.5 683104	RPL4-2.5 683114	RPL4-4 683124
10-Pole	RPL10-1.5 683110	RPL10-2.5 683120	RPL10-4 683130

Test plug



CPS2.3	811089	CPS2.3	811089
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Converting test donning



RPC	683086	RPC	683086
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End bracket



Type	Cat.No.	Type	Cat.No.	Type	Cat.No.
RF3 Thickness 9.5mm	683088	RF3	683088	RF3	683088

Screwdrivers



Dimensions(LengthXWidth)			
0.4X2.5		0.6X3.5	0.6X3.5

Marking tags.

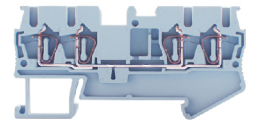
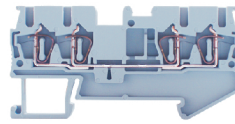
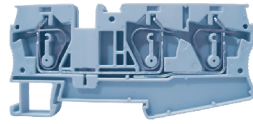


Blank	TM6.5/4	683901	TM6.5/5	683902	TM6.5/6	683903
Consecutive horizontal	TM6.5/4H	683911	TM6.5/5H	683912	TM6.5/6H	683913
Consecutive vertical	TM6.5/4V	683921	TM6.5/5V	683922	TM6.5/6V	683923

Marking tags.



Blank	TM8.5/4	681901	TM10.5/5	681902	TM10.5/6	681903
Consecutive horizontal	TM8.5/4H	681911	TM10.5/5H	681912	TM10.5/6H	681913
Consecutive vertical	TM8.5/4V	681921	TM10.5/5V	681922	TM10.5/6V	681923



Dimensions

Width/Length/End Cover Thickness (mm)

Height(35X7.5/35X15)(mm)

Insulation stripping length(mm)

Rated data

Rated Voltage/Rated current/Rated cross-section

Rated impulse Voltage/Contamination Level

Clampable Conductors(mm²)

Stranded with ferrule with plastic sleeve

Stranded with ferrule without plastic sleeve

Stranded with Twin ferrule with plastic sleeve

Order data

Color

● Grey

Cat.No.

Qty

683033

50

Cat.No.

Qty

683030

80

Cat.No.

Qty

683034

80

End cover

● Grey



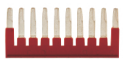
Partition plate

● Grey



Thickness 2mm

Plug-in bridge



- 2-Pole
- 3-Pole
- 4-Pole
- 10-Pole

Test plug



Converting test donning



End bracket



Thickness 9.5mm

Screwdrivers



Dimensions(LengthXWidth)

Marking tags.



- Blank
- Consecutive horizontal
- Consecutive vertical

Marking tags.



- Blank
- Consecutive horizontal
- Consecutive vertical

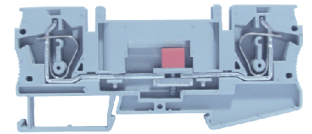
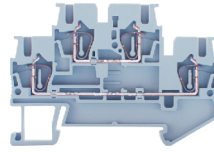
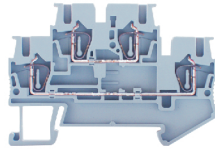
92.5/8.2/2.2	72/5.2/2.2	87.3/6.2/2.2
43.5/51	36.5/44	36.5/44
12	10	10
800V/41A/6mm ²	800V/24A/2.5mm ²	800V/32A/4mm ²
8KV/3	8KV/3	8KV/3
0.5.....6	0.25.....2.5	0.25.....4
0.5.....6	0.25.....2.5	0.25.....4
0.5.....1	0.5	1
Type	Type	Type
RSP6TO	RSP2.5FO	RSP4FO
Cat.No. 683073	Cat.No. 683066	Cat.No. 683075
Type	Type	Type
RTFD	RTFD	RTFD
Cat.No. 683068	Cat.No. 683068	Cat.No. 683068
Imax:41A	Imax:24A	Imax:32A
RPL2-6 683132	RPL2-2.5 683112	RPL2-4 683122
RPL3-6 683133	RPL3-2.5 683113	RPL3-4 683123
RPL4-6 683134	RPL4-2.5 683114	RPL4-4 683124
RPL10-6 683140	RPL10-2.5 683120	RPL10-4 683130
	CPS2.3 811089	CPS2.3 811089
	RPC 683086	RPC 683086
Type	Type	Type
RF3	RF3	RF3
Cat.No. 683088	Cat.No. 683088	Cat.No. 683088
0.8X4.0	0.6X3.5	0.6X3.5
TM6.5/8 683904	TM6.5/5 683902	TM6.5/6 683903
TM6.5/8H 683914	TM6.5/5H 683912	TM6.5/6H 683913
TM6.5/8V 683924	TM6.5/5V 683922	TM6.5/6V 683923
Type	Type	Type
TM10.5/8 681904	TM10.5/5 681902	TM10.5/6 681903
TM10.5/8H 681914	TM10.5/5H 681912	TM10.5/6H 681913
TM10.5/8V 681924	TM10.5/5V 681922	TM10.5/6V 681923

RST Spring Cage TerminalBlock

RST2.5D
Double Level

RST4D
Double Level

RST6T
Test



Dimensions

Width/Length/End Cover Thickness (mm)

67.5/5.2/2.2

83.5/6.2/2.2

102/8.2/2.2

Height(35X7.5/35X15)(mm)

47.5/55

47.5/55

45.7/53.2

Insulation stripping length(mm)

10

12

10

Rated data

Rated Voltage/Rated current/Rated cross-section

500V/24A/2.5mm²

500V/32A/4mm²

500V/41A/6mm²

Rated impulse Voltage/Contamination Level

6KV/3

6KV/3

6KV/3

Clampable Conductors(mm²)

Stranded with ferrule with plastic sleeve

0.25.....2.5

0.25.....4

0.25.....6

Stranded with ferrule without plastic sleeve

0.25.....2.5

0.25.....4

0.25.....6

Stranded with Twin ferrule with plastic sleeve

0.5

1

0.5.....1.5

Order data

Color

● Grey

Cat.No.

683031

Qty

50

Cat.No.

683013

Qty

50

Cat.No.

683023

Qty

50

End cover

● Grey



Type

RSP2.5D

Cat.No.

683069

Type

RSP4D

Cat.No.

683076

Type

RSP6T

Cat.No.

683074

Partition plate

● Grey



Thickness 2mm

RTFD

683068

RTFD

683068

RTFD

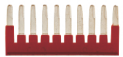
683068

Plug-in bridge

Imax:20A

Imax:24A

Imax:41A



2-Pole

RPL2-2.5

683112

RPL2-4

683122

RPL2-6

683132

3-Pole

RPL3-2.5

683113

RPL3-4

683123

RPL3-6

683133

4-Pole

RPL4-2.5

683114

RPL4-4

683124

RPL4-6

683134

10-Pole

RPL10-2.5

683120

RPL10-4

683130

RPL10-6

683140

Test plug



CPS2.3

811089

CPS2.3

811089

CPS2.3

811089

Converting test donning



RPC

683086

RPC

683086

RPC

683086

End bracket

Thickness 9.5mm



RF3

683088

RF3

683088

RF3

683088

Screwdrivers



Dimensions(LengthXWidth)

0.6X3.5

0.6X3.5

0.8X4.0

Marking tags.



Blank

TM6.5/5

683902

TM6.5/6

683903

TM6.5/8

683904

Consecutive horizontal

TM6.5/5H

683912

TM6.5/6H

683913

TM6.5/8H

683914

Consecutive vertical

TM6.5/5V

683922

TM6.5/6V

683923

TM6.5/8V

683924

RST Spring Cage TerminalBlock

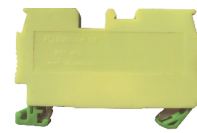
RST1.5 PE
Universal Ground



RST2.5 PE
Universal Ground



RST4 PE
Universal Ground



Dimensions

Width/Length/Height(35X7.5/35X15)(mm)

48.5/5.1/(36.5/44)

48.5/6.2/(36.5/44)

56/7/(36.5/44)

Insulation stripping length(mm)

10

10

12

Rated data

Rated Voltage/Rated Current/Rated Cross-section

-/-/1.5mm²

-/-/2.5mm²

-/-/4mm²

Rated Impulse Voltage/Contamination Level

6KV/3

8KV/3

8KV/3

Clampable Conductors(mm²)

Stranded with ferrule with plastic sleeve

0.25.....1.5

0.25.....2.5

0.25.....4

Stranded with ferrule without plastic sleeve

0.25.....1.5

0.25.....2.5

0.25.....4

Stranded with twin ferrule with plastic sleeve

0.5

0.5

0.5.....1

Order data

Cat.No.	Qty
683051	100

Cat.No.	Qty
683052	80

Cat.No.	Qty
683053	100

Screwdrivers



Dimensions(LengthXWidth)

0.4X2.5

0.6X3.5

0.6X3.5

Marking tags.



Blank
Consecutive horizontal
Consecutive vertical

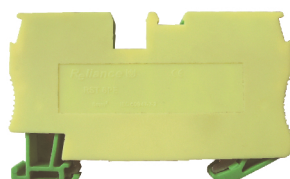
TM6.5/5.1	683905
TM6.5/5.1H	683915
TM6.5/5.1V	683925

TM6.5/6	683903
TM6.5/6H	683913
TM6.5/6V	683923

TM6.5/7	683906
TM6.5/7H	683916
TM6.5/7V	683926

RST spring cage terminal block

RST6 PE
Universal Ground



Dimensions

Width/Length/Height(35X7.5/35X15)(mm)

69.5/9/(43.5/51)

Insulation stripping length(mm)

12

Rated data

Rated Voltage/Rated Current/Rated Cross-section

-/-/6mm²

Rated Impulse Voltage/Contamination Level

8KV/3

Clampable Conductors(mm²)

Stranded with ferrule with plastic sleeve

0.5.....6

Stranded with ferrule without plastic sleeve

0.5.....6

Stranded with twin ferrule with plastic sleeve

0.5.....1.5

Order data

Cat.No.	Qty
683054	50

Screwdrivers



Dimensions(LengthXWidth)

0.8X4.0

Marking tags.



Blank
Consecutive horizontal
Consecutive vertical

TM6.5/9	683907
TM6.5/9H	683917
TM6.5/9V	683927

Universal switches



RUS series universal switches are a new innovative generation, protected by China Patent law and the International Copyright Convention. The main characteristics of the RUS series are: adopting a copper clamp connection system to guarantee a long-term protection in aggressive atmosphere of humidity, salt spray, etc. Their size is reduced 50% compared with the traditional ones' and the combination can be up to 20 stages. The special clamping structure realizes the connection of self-locking. All insulation components are made of Reinforced Nylon PA-66 with fire-resistance class V0, which guarantees RUS series products excellent mechanical and electrical properties.

Others

- Applications

The RUS series universal switches can apply to circuit of AC frequency 50-60 Hz, AC 690V and DC 400V, acting as general control switches, equipment test switches, motor control switches, and the switch of electric measuring instrument and the control of servo motor.

- Working conditions

Temperature: -25°C~+55°C Relative humidity: ≤90%
 Altitude: ≤2000m Installation class: III
 Contamination Level: 3

- Life

Electrical life: AC 200,000 times, DC 100,000 times
 Mechanical life: 1 million times

- Standards

GB/T14048.1 GB/T14048.3 GB/T14048.5
 IEC60947-3 IEC337-1

Main technical parameters

U _e =690V	50~60Hz		U _{imp} =4KV		I _{th} =20A
IEC947-3 EN 60947	AC-15	AC-23 (KW)	AC-3 (KW)	AC-4 (KW)	AC-21
220~240V	6A	3.7	3	3	20A
380~440V	4A	7.5	5.5	5.5	
500~690V	-	7.5	5.5	5.5	

Model No. And Notilication

RUS 20 □ □ □ □ □ / □ □ □ □ - □ □ □

Series No.

- HL:Handle with key
- LA:With LED(AC220V)
- LB:With LED(AC110V)
- LC:With LED(DC220V)
- LD:With LED(DC110V)

A:64*64 escutcheon plate
B:48*48 escutcheon plate

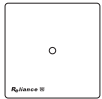
- Stage
- Plate form
- Feature code
- Switching angle code
- Design seq No.
- Resistive current
- Series code

Feature code

		角度代号/Angle code															
		3				4				6				9			
自 置 型 Self-reset type	A	0°-30°				0°-45°											
	B	30°→0°-30°				0° 45°→0°-45°											
定 位 型 式 入 档 位 代 号 Pre-set types (grade code)	C	0° 30°				0° 45°				0° 60°				0° 90°			
	D	30° 0° 30°				45° 0° 45°				60° 0° 60°				90° 0° 90°			
	E	30° 0° 30° 60°				45° 0° 45° 90°				90° 30° 30° 90°				90° 0° 90° 180°			
	F	60° 30° 0° 30° 60°				90° 45° 0° 45° 90°				90° 30° 30° 90° 150°							
	G	60° 30° 0° 30° 60° 90°				90° 45° 0° 45° 90° 135°				120° 90° 30° 30° 90° 150°							
	H	90° 60° 30° 0° 30° 60° 90°				90° 45° 0° 45° 90° 135° 180°				120° 90° 0° 60° 120°							
	I	90° 60° 30° 0° 30° 60° 90° 120°				90° 45° 0° 45° 90° 135° 180° 225°				120° 90° 0° 60° 120° 180°							
	J	120° 90° 60° 30° 0° 30° 60° 90° 120°				135° 90° 45° 0° 45° 90° 135°											
	K	120° 90° 60° 30° 0° 30° 60° 90° 120° 150°				135° 90° 45° 0° 45° 90° 135° 180°											
	L	150° 120° 90° 60° 30° 0° 30° 60° 90° 120° 150°															
	M	150° 120° 90° 60° 30° 0° 30° 60° 90° 120° 150° 180°															
	N	30° 0° 30° 60° 90° 120° 150° 180°															
	P	30° 0° 30° 60° 90° 120° 150° 180° 210° 240°															
	Q	30° 0° 30° 60° 90° 120° 150° 180° 210° 240° 270° 300°															
	R	90° 60° 30° 0° 30° 60° 90° 120° 150°															
	S	90° 60° 30° 0° 30° 60° 90° 120° 150° 180°															
T	90° 60° 30° 0° 30° 60° 90° 120° 150° 180° 210°																
U	90° 60° 30° 0° 30° 60° 90° 120° 150° 180° 210° 240°												30° 30° 45° 45°				
Pre-set/self-reset type 定位自置型	V	30°→0° 60°				90° 0°-45°											
	W					135°→90° 0°-45°											

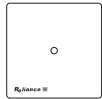
Escutcheon plate type

Self-reset

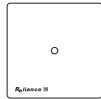


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Customization

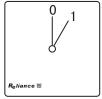


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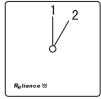


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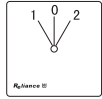
Pre-set 30°



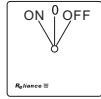
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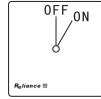
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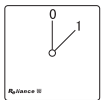


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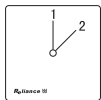


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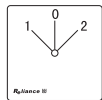
Pre-set 45°



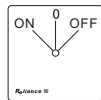
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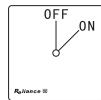
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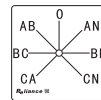
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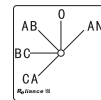
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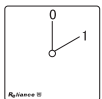


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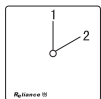


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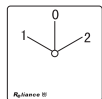
Pre-set 60°



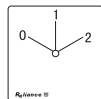
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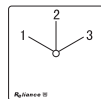
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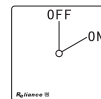
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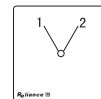
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64

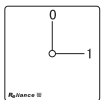


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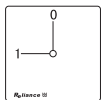


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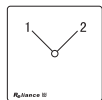
Pre-set 90°



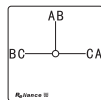
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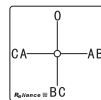
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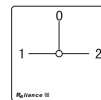
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93



94



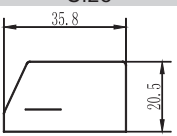


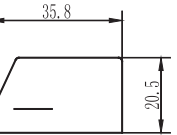


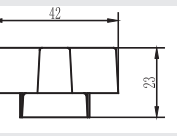


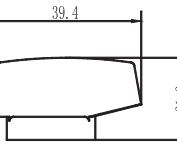


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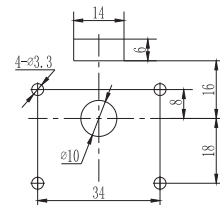
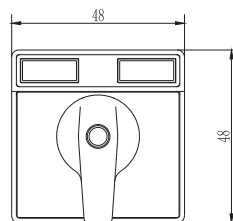
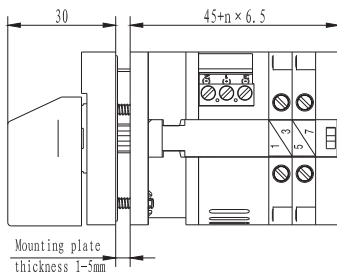
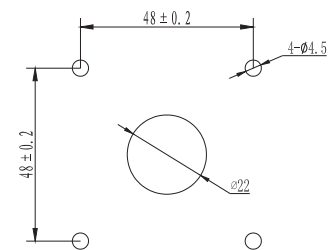
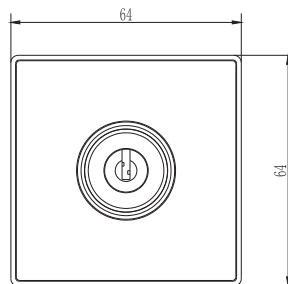
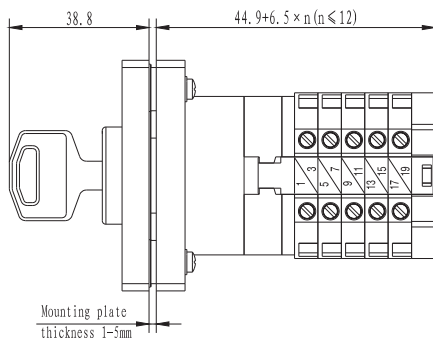
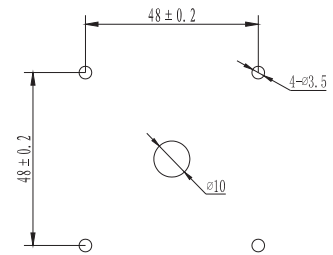
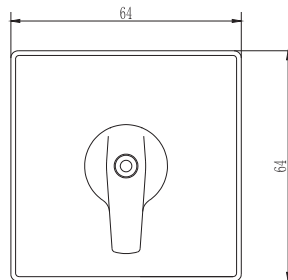
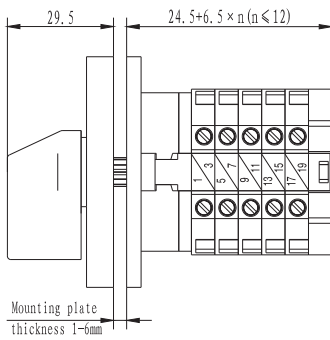
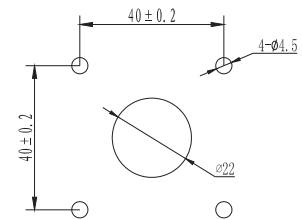
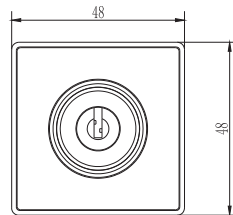
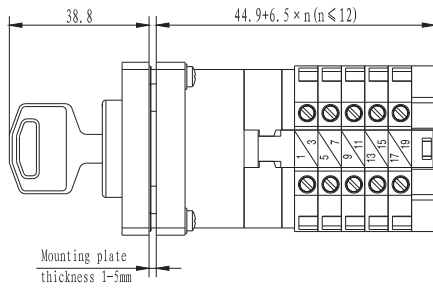
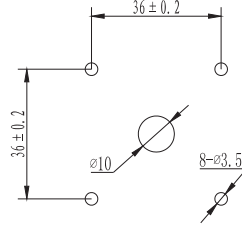
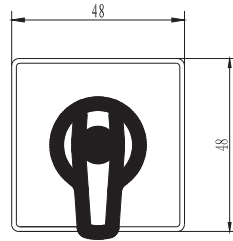
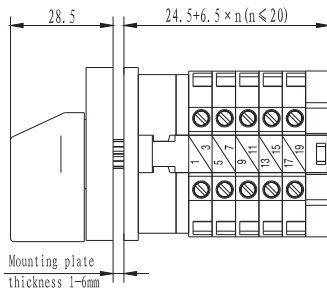


96

RUS series cam switches—handle types

				Size
		ROH1	817991	
		ROH2	817992	
		ROH3	817993	
		ROH5	817995	

Mounting plate



Note: "n" is stage numbers.

General on-off switches

45° on-off switches

Sign		0	1	Type	Cat. No.
Handle angle		0°	45°		
Handle direction		↑	↘		
Stage 1	1-2		×	RUS20A4C40/1	890 00 1
	3-4		×		
Stage 2	5-6		×	RUS20A4C40/2	890 00 2
	7-8		×		
Stage 3	9-10		×	RUS20A4C40/3	890 00 3
	11-12		×		
Stage 4	13-14		×	RUS20A4C40/4	890 00 4
	15-16		×		
Stage 5	17-18		×	RUS20A4C40/5	890 00 5
	19-20		×		
Stage 6	21-22		×	RUS20A4C40/6	890 00 6
	23-24		×		
Stage 7	25-26		×	RUS20A4C40/7	890 00 7
	27-28		×		
Stage 8	29-30		×	RUS20A4C40/8	890 00 8
	31-32		×		
Stage 9	33-34		×	RUS20A4C40/9	890 00 9
	35-36		×		
Stage 10	37-38		×	RUS20A4C40/10	890 01 0
	39-40		×		
Stage 11	41-42		×	RUS20A4C40/11	890 01 1
	43-44		×		
Stage 12	45-46		×	RUS20A4C40/12	890 01 2
	47-48		×		
Stage 13	49-50		×	RUS20A4C40/13	890 01 3
	51-52		×		
Stage 14	53-54		×	RUS20A4C40/14	890 01 4
	55-56		×		
Stage 15	57-58		×	RUS20A4C40/15	890 01 5
	59-60		×		
Stage 16	61-62		×	RUS20A4C40/16	890 01 6
	63-64		×		
Stage 17	65-66		×	RUS20A4C40/17	890 01 7
	67-68		×		
Stage 18	69-70		×	RUS20A4C40/18	890 01 8
	71-72		×		
Stage 19	73-74		×	RUS20A4C40/19	890 01 9
	75-76		×		
Stage 20	77-78		×	RUS20A4C40/20	890 02 0
	79-80		×		

90° on-off switches

Sign		0	1	Type	Cat. No.
Handle angle		0°	90°		
Handle direction		↑	→		
Stage 1	1-2		×	RUS20A9C90/1	890 06 1
	3-4		×		
Stage 2	5-6		×	RUS20A9C90/2	890 06 2
	7-8		×		
Stage 3	9-10		×	RUS20A9C90/3	890 06 3
	11-12		×		
Stage 4	13-14		×	RUS20A9C90/4	890 06 4
	15-16		×		
Stage 5	17-18		×	RUS20A9C90/5	890 06 5
	19-20		×		
Stage 6	21-22		×	RUS20A9C90/6	890 06 6
	23-24		×		
Stage 7	25-26		×	RUS20A9C90/7	890 06 7
	27-28		×		
Stage 8	29-30		×	RUS20A9C90/8	890 06 8
	31-32		×		
Stage 9	33-34		×	RUS20A9C90/9	890 06 9
	35-36		×		
Stage 10	37-38		×	RUS20A9C90/10	890 07 0
	39-40		×		
Stage 11	41-42		×	RUS20A9C90/11	890 07 1
	43-44		×		
Stage 12	45-46		×	RUS20A9C90/12	890 07 2
	47-48		×		
Stage 13	49-50		×	RUS20A9C90/13	890 07 3
	51-52		×		
Stage 14	53-54		×	RUS20A9C90/14	890 07 4
	55-56		×		
Stage 15	57-58		×	RUS20A9C90/15	890 07 5
	59-60		×		
Stage 16	61-62		×	RUS20A9C90/16	890 07 6
	63-64		×		
Stage 17	65-66		×	RUS20A9C90/17	890 07 7
	67-68		×		
Stage 18	69-70		×	RUS20A9C90/18	890 07 8
	71-72		×		
Stage 19	73-74		×	RUS20A9C90/19	890 07 9
	75-76		×		
Stage 20	77-78		×	RUS20A9C90/20	890 08 0
	79-80		×		

Double-throw switch

Without "0", 45° double-throw switches












































Sign		1	2	Type	Cat. No.
Handle angle		0°	45°		
Handle direction		↑	↗		
Stage 1	1-2	×		RUS20A4C41/1	890 16 1
	3-4		×		
Stage 2	5-6	×		RUS20A4C41/2	890 16 2
	7-8		×		
Stage 3	9-10	×		RUS20A4C41/3	890 16 3
	11-12		×		
Stage 4	13-14	×		RUS20A4C41/4	890 16 4
	15-16		×		
Stage 5	17-18	×		RUS20A4C41/5	890 16 5
	19-20		×		
Stage 6	21-22	×		RUS20A4C41/6	890 16 6
	23-24		×		
Stage 7	25-26	×		RUS20A4C41/7	890 16 7
	27-28		×		
Stage 8	29-30	×		RUS20A4C41/8	890 16 8
	31-32		×		
Stage 9	33-34	×		RUS20A4C41/9	890 16 9
	35-36		×		
Stage 10	37-38	×		RUS20A4C41/10	890 17 0
	39-40		×		
Stage 11	41-42	×		RUS20A4C41/11	890 17 1
	43-44		×		
Stage 12	45-46	×		RUS20A4C41/12	890 17 2
	47-48		×		
Stage 13	49-50	×		RUS20A4C41/13	890 17 3
	51-52		×		
Stage 14	53-54	×		RUS20A4C41/14	890 17 4
	55-56		×		
Stage 15	57-58	×		RUS20A4C41/15	890 17 5
	59-60		×		
Stage 16	61-62	×		RUS20A4C41/16	890 17 6
	63-64		×		
Stage 17	65-66	×		RUS20A4C41/17	890 17 7
	67-68		×		
Stage 18	69-70	×		RUS20A4C41/18	890 17 8
	71-72		×		
Stage 19	73-74	×		RUS20A4C41/19	890 17 9
	75-76		×		
Stage 20	77-78	×		RUS20A4C41/20	890 18 0
	79-80		×		

Without "0", 90° double-throw switches












































Sign		1	2	Type	Cat. No.
Handle angle		45°	45°		
Handle direction		↘	↗		
Stage 1	1-2	×		RUS20A9U92/1	890 12 1
	3-4		×		
Stage 2	5-6	×		RUS20A9U92/2	890 12 2
	7-8		×		
Stage 3	9-10	×		RUS20A9U92/3	890 12 3
	11-12		×		
Stage 4	13-14	×		RUS20A9U92/4	890 12 4
	15-16		×		
Stage 5	17-18	×		RUS20A9U92/5	890 12 5
	19-20		×		
Stage 6	21-22	×		RUS20A9U92/6	890 12 6
	23-24		×		
Stage 7	25-26	×		RUS20A9U92/7	890 12 7
	27-28		×		
Stage 8	29-30	×		RUS20A9U92/8	890 12 8
	31-32		×		
Stage 9	33-34	×		RUS20A9U92/9	890 12 9
	35-36		×		
Stage 10	37-38	×		RUS20A9U92/10	890 13 0
	39-40		×		
Stage 11	41-42	×		RUS20A9U92/11	890 13 1
	43-44		×		
Stage 12	45-46	×		RUS20A9U92/12	890 13 2
	47-48		×		
Stage 13	49-50	×		RUS20A9U92/13	890 13 3
	51-52		×		
Stage 14	53-54	×		RUS20A9U92/14	890 13 4
	55-56		×		
Stage 15	57-58	×		RUS20A9U92/15	890 13 5
	59-60		×		
Stage 16	61-62	×		RUS20A9U92/16	890 13 6
	63-64		×		
Stage 17	65-66	×		RUS20A9U92/17	890 13 7
	67-68		×		
Stage 18	69-70	×		RUS20A9U92/18	890 13 8
	71-72		×		
Stage 19	73-74	×		RUS20A9U92/19	890 13 9
	75-76		×		
Stage 20	77-78	×		RUS20A9U92/20	890 14 0
	79-80		×		

Double-throw switch

With 0°, odd numbers contact, 45° switching

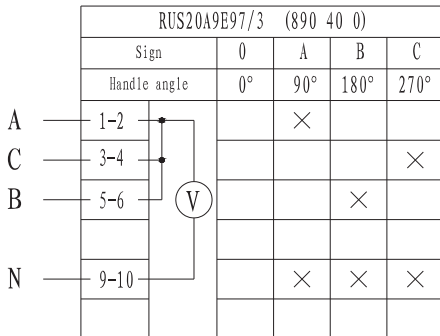
Sign		1	0	2	Type	Cat. No.
Handle angle		45°	0°	45°		
Handle direction						
Stage 1	 1-2	×			RUS20A4D42/1-001	890 18 1
	 3-4			×		
Stage 2	 5-6	×			RUS20A4D42/2-001	890 18 2
	 7-8			×		
Stage 3	 9-10	×			RUS20A4D42/3-001	890 18 3
	 11-12			×		
Stage 4	 13-14	×			RUS20A4D42/4-001	890 18 4
	 15-16			×		
Stage 5	 17-18	×			RUS20A4D42/5-001	890 18 5
	 19-20			×		
Stage 6	 21-22	×			RUS20A4D42/6-001	890 18 6
	 23-24			×		
Stage 7	 25-26	×			RUS20A4D42/7-001	890 18 7
	 27-28			×		
Stage 8	 29-30	×			RUS20A4D42/8-001	890 18 8
	 31-32			×		
Stage 9	 33-34	×			RUS20A4D42/9-001	890 18 9
	 35-36			×		
Stage 10	 37-38	×			RUS20A4D42/10-001	890 19 0
	 39-40			×		
Stage 11	 41-42	×			RUS20A4D42/11-001	890 19 1
	 43-44			×		
Stage 12	 45-46	×			RUS20A4D42/12-001	890 19 2
	 47-48			×		
Stage 13	 49-50	×			RUS20A4D42/13-001	890 19 3
	 51-52			×		
Stage 14	 53-54	×			RUS20A4D42/14-001	890 19 4
	 55-56			×		
Stage 15	 57-58	×			RUS20A4D42/15-001	890 19 5
	 59-60			×		
Stage 16	 61-62	×			RUS20A4D42/16-001	890 19 6
	 63-64			×		
Stage 17	 65-66	×			RUS20A4D42/17-001	890 19 7
	 67-68			×		
Stage 18	 69-70	×			RUS20A4D42/18-001	890 19 8
	 71-72			×		
Stage 19	 73-74	×			RUS20A4D42/19-001	890 19 9
	 75-76			×		
Stage 20	 77-78	×			RUS20A4D42/20-001	890 20 0
	 79-80			×		

With 0°, odd numbers contact, 90° switching

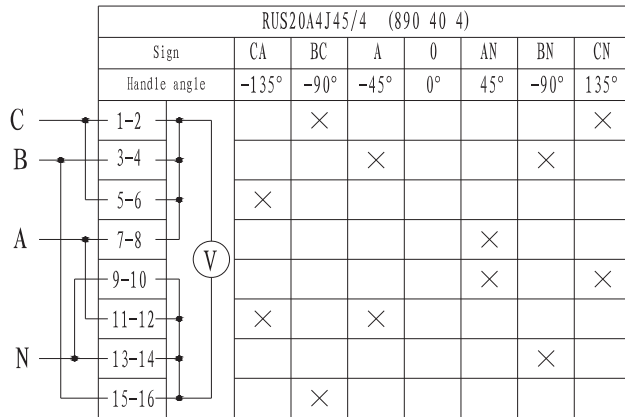
Sign		1	0	2	Type	Cat. No.
Handle angle		90°	0°	90°		
Handle direction						
Stage 1	 1-2	×			RUS20A9D95/1-001	890 22 1
	 3-4			×		
Stage 2	 5-6	×			RUS20A9D95/2-001	890 22 2
	 7-8			×		
Stage 3	 9-10	×			RUS20A9D95/3-001	890 22 3
	 11-12			×		
Stage 4	 13-14	×			RUS20A9D95/4-001	890 22 4
	 15-16			×		
Stage 5	 17-18	×			RUS20A9D95/5-001	890 22 5
	 19-20			×		
Stage 6	 21-22	×			RUS20A9D95/6-001	890 22 6
	 23-24			×		
Stage 7	 25-26	×			RUS20A9D95/7-001	890 22 7
	 27-28			×		
Stage 8	 29-30	×			RUS20A9D95/8-001	890 22 8
	 31-32			×		
Stage 9	 33-34	×			RUS20A9D95/9-001	890 22 9
	 35-36			×		
Stage 10	 37-38	×			RUS20A9D95/10-001	890 23 0
	 39-40			×		
Stage 11	 41-42	×			RUS20A9D95/11-001	890 23 1
	 43-44			×		
Stage 12	 45-46	×			RUS20A9D95/12-001	890 23 2
	 47-48			×		
Stage 13	 49-50	×			RUS20A9D95/13-001	890 23 3
	 51-52			×		
Stage 14	 53-54	×			RUS20A9D95/14-001	890 23 4
	 55-56			×		
Stage 15	 57-58	×			RUS20A9D95/15-001	890 23 5
	 59-60			×		
Stage 16	 61-62	×			RUS20A9D95/16-001	890 23 6
	 63-64			×		
Stage 17	 65-66	×			RUS20A9D95/17-001	890 23 7
	 67-68			×		
Stage 18	 69-70	×			RUS20A9D95/18-001	890 23 8
	 71-72			×		
Stage 19	 73-74	×			RUS20A9D95/19-001	890 23 9
	 75-76			×		
Stage 20	 77-78	×			RUS20A9D95/20-001	890 24 0
	 79-80			×		

Voltmeter Switches (1)

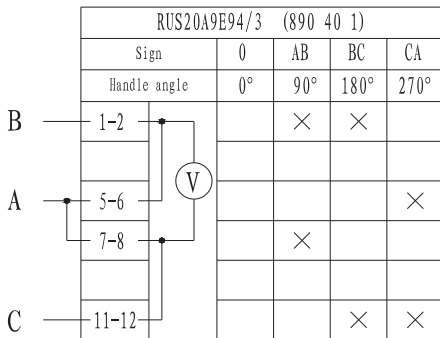
With "0", L-N, 3 phase to phase



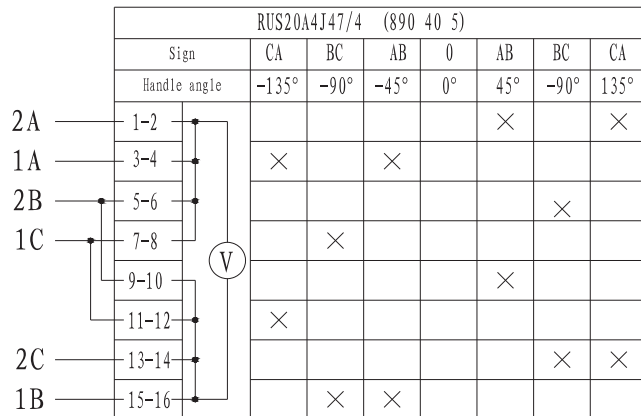
With "0", L-N, 3 phase to phase and 3 phase to neutral



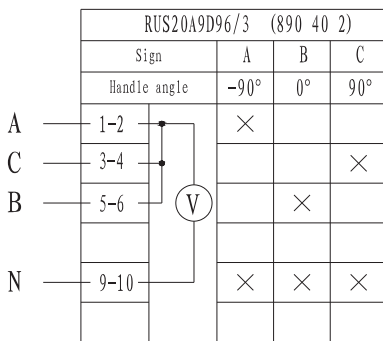
With "0", L-N, 3 phase to neutral



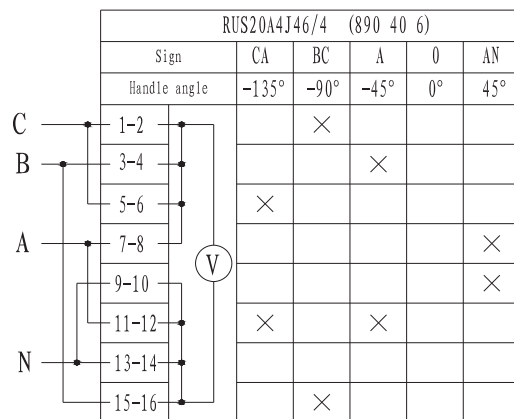
2 separate 3 phase with center "0"



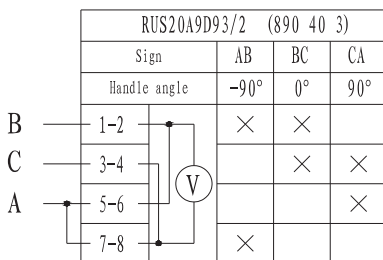
Without "0", L-N, 3 phase to phase



With "0", L-N, 1 phase to phase and 3 phase to neutral

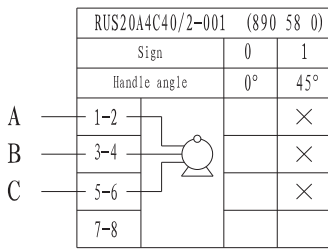


Without "0", 3 phase to neutral

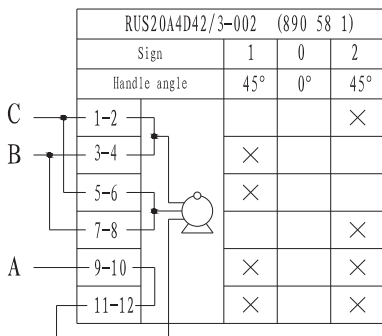


Voltmeter Switches (2)

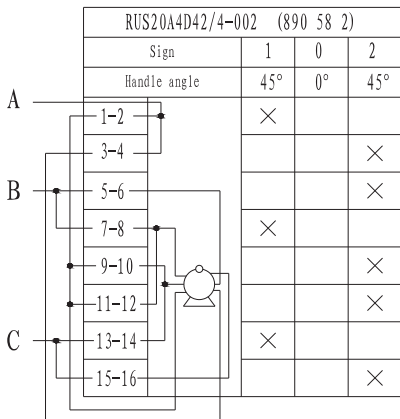
Direct start stop



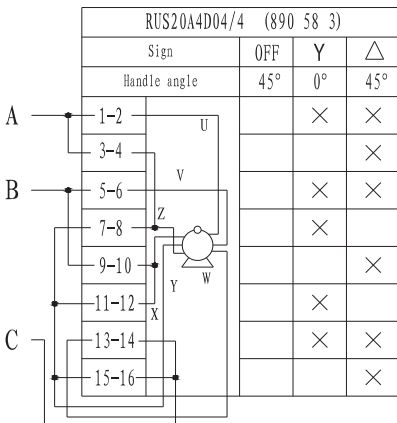
Clockwise or counter-clockwise start stop



Motor control

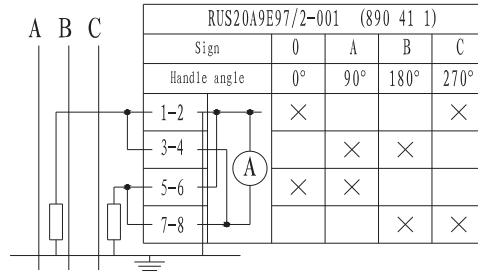


Star-delta start stop

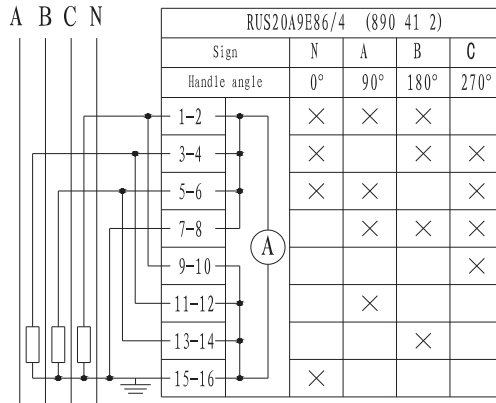


Ammeter Switches

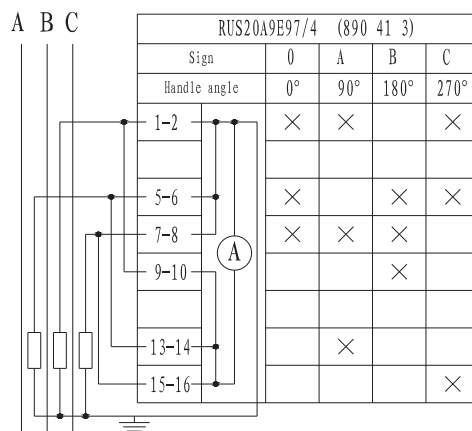
2 current transformers, with "0", 3 phase to phase current



3 current transformers, L-N, 3 phase current of A,B,C,N lines



3 current transformers, with "0", 3 phase current of A,B,C lines



Capacitor Switches

6-channel capacitor switch

RUS20A3N38/5 (890 55 5)								
Sign	Auto.	0	1	2	3	4	5	6
Handle angle	30°	0°	30°	60°	90°	120°	150°	180°
1-2		×	×	×	×	×	×	×
3-4	×							
5-6	×							
7-8			×	×	×	×	×	×
9-10				×	×	×	×	×
11-12					×	×	×	×
13-14						×	×	×
15-16							×	×
17-18								×
19-20								

6-channel capacitor auxiliary switch

RUS20A3H37/3 (890 55 0)							
Sign	0	1	2	3	4	5	6
Handle angle	90°	60°	30°	0°	30°	60°	90°
1-2		×	×	×	×	×	×
3-4			×	×	×	×	×
5-6				×	×	×	×
7-8					×	×	×
9-10						×	×
11-12							×

8-channel capacitor switch

RUS20A3P36/6 (890 56 1)										
Sign	Auto.	0	1	2	3	4	5	6	7	8
Handle angle	30°	0°	30°	60°	90°	120°	150°	180°	210°	240°
1-2		×	×	×	×	×	×	×	×	×
3-4	×									
5-6	×									
7-8			×	×	×	×	×	×	×	×
9-10				×	×	×	×	×	×	×
11-12					×	×	×	×	×	×
13-14						×	×	×	×	×
15-16							×	×	×	×
17-18								×	×	×
19-20									×	×
21-22										×
23-24										

8-channel capacitor auxiliary switch

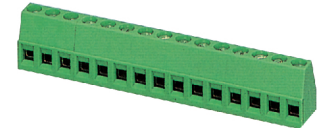
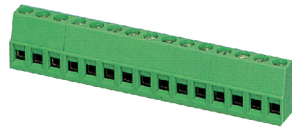
RUS20A3R35/4 (890 55 6)									
Sign	0	1	2	3	4	5	6	7	8
Handle angle	90°	60°	30°	0°	30°	60°	90°	120°	150°
1-2		×	×	×	×	×	×	×	×
3-4			×	×	×	×	×	×	×
5-6				×	×	×	×	×	×
7-8					×	×	×	×	×
9-10						×	×	×	×
11-12							×	×	×
13-14								×	×
15-16									×

10-channel capacitor auxiliary switch

RUS20A3T39/5 (890 55 7)											
Sign	0	1	2	3	4	5	6	7	8	9	10
Handle angle	90°	60°	30°	0°	30°	60°	90°	120°	150°	180°	210°
1-2		×	×	×	×	×	×	×	×	×	×
3-4			×	×	×	×	×	×	×	×	×
5-6				×	×	×	×	×	×	×	×
7-8					×	×	×	×	×	×	×
9-10						×	×	×	×	×	×
11-12							×	×	×	×	×
13-14								×	×	×	×
15-16									×	×	×
17-18										×	×
19-20											×

10-channel capacitor switch

RUS20A3Q20/7 (890 56 6)												
Sign	Auto.	0	1	2	3	4	5	6	7	8	9	10
Handle angle	30°	0°	30°	60°	90°	120°	150°	180°	210°	240°	270°	300°
1-2		×	×	×	×	×	×	×	×	×	×	×
3-4	×											
5-6	×											
7-8			×	×	×	×	×	×	×	×	×	×
9-10				×	×	×	×	×	×	×	×	×
11-12					×	×	×	×	×	×	×	×
13-14						×	×	×	×	×	×	×
15-16							×	×	×	×	×	×
17-18								×	×	×	×	×
19-20									×	×	×	×
21-22										×	×	×
23-24											×	×
25-26												×
27-28												×

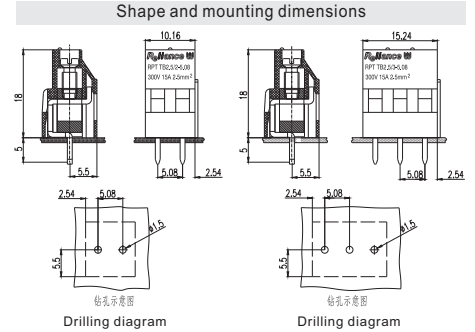
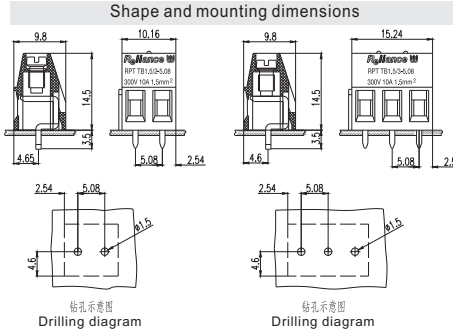


Dimensions Data

Multi-position printed circuit terminal blocks stand for sophisticated ease of operation with reliable screw connections on industrial printed circuit boards; they suit for various connections especially for the connections with no damage for the conductors; the dovetail guide connection on the sides of the housings ensures the neighboring terminal blocks sturdy mechanical support; the solder pins tin-plated, easily welding; large connection capacity; the clamping units with the cage principle.

Note:

The printed circuit terminal blocks with 2 and 3 positions can be combined together using a dovetail guide connection on the side to form any number of positions. To avoid the solder pins outnumbering the positions on the printed circuit board, the positions should not be more than 24.



Pitch /Solder pin size/drilling diameter [mm]/[mm]x[mm]/[mm]

Technical data

Installation type (over-voltage category)/Contamination Level -/-

Rated voltage [V]

Pulse voltage [kV]

Rated current/Rated section [A]/[mm²]

Max. load current/section [A]/[mm²]

Insulating material

Clampable conductor

Rigid/Flexible/Wire gauge [mm]/[m m]/A WG

Flexible with or without plastic insulating sleeves [mm²]

Stranded (2 Conductors with the same cross-section)

Rigid/Flexible [mm²]

Flexible with plastic insulating sleeves [mm²]

Clamping screw/torque(Nm)/stripping length(mm) -/[Nm]/[mm]

Order data

Pitch: 5.08mm Pole 2

Color: ● Green Pole 3

Screwdriver blade size: 0.6x3.5

Marker card

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	Blank
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	Consecutive horizontal
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	Consecutive vertical

Material: Polyester, each printing "1-16", total 16pcs, width 90mm, height 4mm

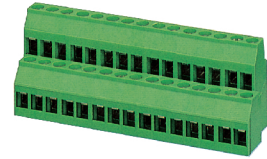
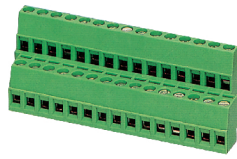
Note: Custom-made marker card is available

5.08/0.9X0.9/Φ1.5		
III/3	III/2	II/2
250	320	630
4	4	4
17.5/1.5		
22/2.5		
PA66		
0.14-2.5/0.14-1.5/26-14		
0.25-1.5/0.25-1.5		
0.14-1/0.14-0.75		
0.25-0.5		
M3/0.6-0.7/7		

5.08/0.9X0.9/Φ1.5		
III/3	III/2	II/2
250	320	630
4	4	4
24/2.5		
28/4		
PA66		
0.2-4/0.2-2.5/24-12		
0.25-2.5/0.25-2.5		
0.2-1.5/0.2-1.5		
0.25-0.75		
M3/0.6-0.7/8		

Type	Cat.No.	Qty
RPT TB1.5/2-5.08	888022	50
RPT TB1.5/3-5.08	888023	50
Type	Cat.No.	Qty
RM N/4.0	880130	100
RM 5.08/4.0H	880131	
RM 5.08/4.0V	880132	

Type	Cat.No.	Qty
RPT TB2.5/2-5.08	888002	50
RPT TB2.5/3-5.08	888003	50

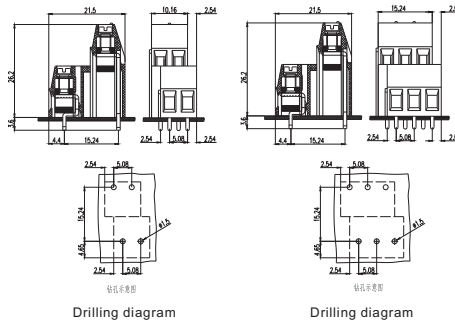


Dimensions Data

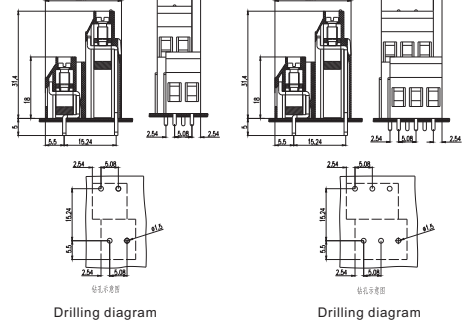
The design of the double level terminal blocks makes them particularly suited for use on printed circuit boards where a high connection is required since the actual pitch between the two layer blocks is 2.54mm. The levels are offset by a half pitch to improve the visibility of and the accessibility to the lower connection points. The double level terminal blocks and their corresponding single level terminal blocks can be combined together using the dovetail guide on the side, and the pitch still remains the same.

Note:
The printed circuit terminal blocks with 2 and 3 positions can be combined together using a dovetail guide connection on the side to form any number of positions. To avoid the solder pins outnumbering the positions on the printed circuit board, the positions should not be more than 24.

Shape and mounting dimensions



Shape and mounting dimensions



Pitch /Solder pin size/drilling diameter[mm]/[mm]x[mm]/[mm]

5.08/0.9X0.9/Φ1.5

5.08/0.9X0.9/Φ1.5

Technical data

Installation type (over-voltage category)/Contamination Level -/-

III/3 III/2 II/2

III/3 III/2 II/2

Rated voltage [V]

250 320 630

250 320 630

Pulse voltage [kV]

4 4 4

4 4 4

Rated current/Rated section [A]/[mm²]

17.5/1.5

24/2.5

Max. load current/section [A]/[mm²]

22/2.5

28/4

Insulating material

PA66

PA66

Clampable conductor

Rigid/Flexible/Wire gauge [mm]/[m m]/A WG

0.14-2.5/0.14-1.5/26-14

0.2-4/0.2-2.5/24-12

Flexible with or without plastic insulating sleeves [mm²]

0.25-1.5/0.25-1.5

0.25-2.5/0.25-2.5

Stranded (2 Conductors with the same cross-section)

Rigid/Flexible [mm²]

0.14-1/0.14-0.75

0.2-1.5/0.2-1.5

Flexible with plastic insulating sleeves [mm²]

0.25-0.5

0.25-0.75

Clamping screw/torque(Nm)/stripping length(mm) -/[Nm]/[mm]

M3/0.6-0.7/7

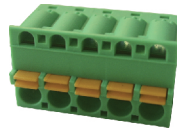
M3/0.6-0.7/8

Order data

Pole 2
Pitch:5.08mm 3
Color: ● Green
Screwdriver blade size: 0.6x3.5

Type	Cat.No.	Qty
RPT TE1.5/2-5.08	888052	50
RPT TE1.5/3-5.08	888053	50

Type	Cat.No.	Qty
RPT TE2.5/2-5.08	888102	50
RPT TE2.5/3-5.08	888103	50



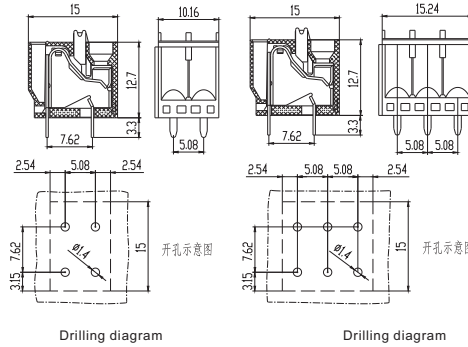
Dimensions Data

Multi-position printed circuit terminal blocks stand for sophisticated ease of operation with reliable screw connections on industrial printed circuit boards; the dovetail guide connection on the sides of the housings ensures the neighboring terminal blocks sturdy mechanical support; They suit for various connections especially for the connections with no damage for the conductors; the solder pins tin-plated, easily welding; large connection capacity; Spring cage structure; all connectors have two test connections in order to accept 2mm test pins or 2.3mm test plugs

Note:

The printed circuit terminal blocks with 2 and 3 positions can be combined together using a dovetail guide connection on the side to form any number of positions. To avoid the solder pins outnumbering the positions on the printed circuit board, the positions should not be more than 24.

Shape and mounting dimensions



Pitch /Solder pin size/drilling diameter [mm]/[mm]x[mm]/[mm]

5.08/1.2X0.5/Φ 1.5

Technical data

Installation type (over-voltage category)/Contamination Level	-/-
Rated voltage	[V]
Pulse voltage	[kV]
Rated current/Rated section	[A]/[mm ²]
Max. load current/section	[A]/[mm ²]
Insulating material	PA66

III/3	III/2	II/2
250	320	630
4	4	4
	12/2.5	
	12/2.5	

Clampable conductor

Rigid/Flexible/Wire gauge	[mm]/[mm]/AWG
Flexible with or without plastic insulating sleeves	[mm ²]

0.2-2.5/0.2-2.5/24-12
0.25-2.5/0.25-2.5

Stranded (2 Conductors with the same cross-section)

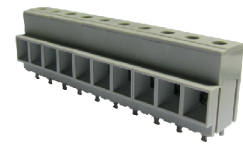
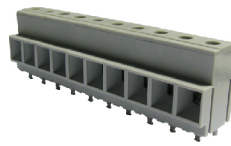
Rigid/Flexible	[mm ²]
Flexible with plastic insulating sleeves	[mm ²]
Clamping screw/torque(Nm)/stripping length(mm)	-/[Nm]/[mm]

10

Order data

Pitch: 5.08mm	Pole	2
Color: ● Green		3
Screwdriver blade size: 0.6x3.5		

Type	Cat.No.	Qty
RPT TI 2.5/2-5.08	888202	50
RPT TI 2.5/3-5.08	888203	50

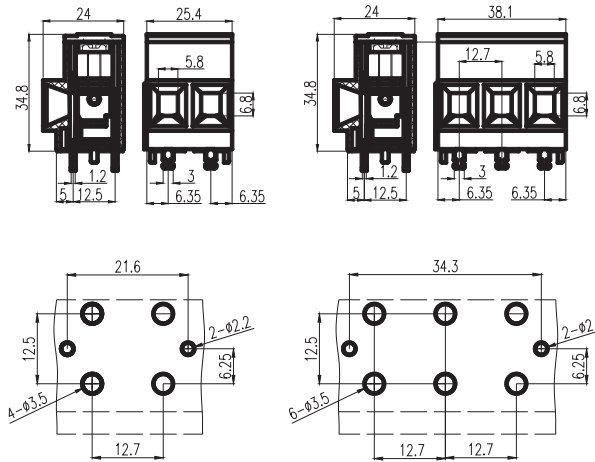


Dimensions Data

Multi-position printed circuit terminal blocks stand for sophisticated ease of operation with reliable screw connections on industrial printed circuit boards; they suit for various connections especially for the connections with no damage for the conductors; the dovetail guide connection on the sides of the housings ensures the neighboring terminal blocks solid mechanical support; the solder pins tin-plated, easily welding; the clamping units with the cage principle.

Note:
The printed circuit terminal blocks with 2 and 3 positions can be combined together using a dovetail guide connection on the side to form any number of positions. To avoid the solder pins outnumbering the positions on the printed circuit board, the positions should not be more than 6.

Shape and mounting dimensions



RPT TA16、25/...-12.7开孔示意图
Drilling diagram

Pitch /Solder pin size/drilling diameter[mm]/[mm]x[mm]/[mm]

Technical data

Insulating material classification	-
Installation type (over-voltage category)/Contamination Level	-/-
Rated voltage	[V]
Pulse voltage	[kV]
Rated current/Rated section	[A]/[mm ²]
Max. load current/section	[A]/[mm ²]
Insulating material	PA66

Clampable conductor

Solid	[mm ²]
Stranded	[mm ²]
Stranded with ferrule	[mm ²]
Insulation stripping length	[mm]

Screw

Clamping screw/torque(Nm)/stripping length(mm)	-/[Nm]
--	--------

Order data

Pole	2
Pitch:5.08mm	2
Color: ● Grey	3
Screwdriver blade size: 0.6x3.5	

12.7/1.2X3/Φ3.5

12.7/1.2X3/Φ3.5

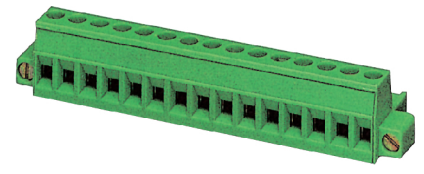
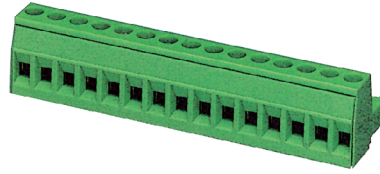
I	
III/3	
600	
5	
50/16	
50/16	
PA66	
2.5.....10	
4.....16	
4.....16	
15	

I	
III/3	
600	
5	
50/25	
50/25	
PA66	
2.5.....16	
4.....25	
4.....25	
15	

M4/2.0-2.4

M4/2.0-2.4

Type	Cat.No.	Qty	Type	Cat.No.	Qty
RPT TA16/2-12.7	850911	25	RPT TA25/2-12.7	850921	25
RPT TA16/3-12.7	850912	25	RPT TA25/3-12.7	850922	25

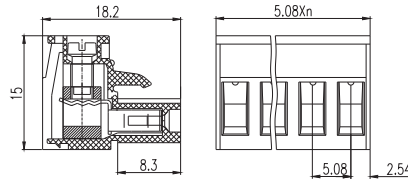


Dimensions Data

The Plug-in direction is parallel to the conductor axis, and the screwdriver direction is vertical to the conductor axis. The clamping units with the cage principle can clamp any conductors with cross-section of no more than 2.5mm, and for flexible conductors, they can be with or without ferrules. A vibration-resistant screw connection is available when the header with threaded flange is to the plug with screw flange on the plug.

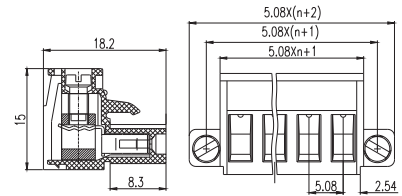
Note:
In principle, any plugging in or unplugging operation is based on no power.

Shape and mounting dimensions



注: n(2-24)为节数.
Note : n (2-24) is the position

Shape and mounting dimensions



注: n(2-24)为节数.
Note : n (2-24) is the position

Pitch /Solder pin size/drilling diameter[mm]/[mm]x[mm]/[mm]

5.08/-/-

5.08/-/-

Technical data

Installation type (over-voltage category)/Contamination Level -/-

III/3 III/2 II/2

III/3 III/2 II/2

Rated voltage [V]

250 320 630

250 320 630

Pulse voltage [kV]

4 4 4

4 4 4

Rated current/rated section [A]/[mm²]

12/2.5

12/2.5

Max. load current/section [A]/[mm²]

12/2.5

12/2.5

Insulating material

PA66

PA66

Clampable conductor

Rigid/flexible/wire gauge [mm]/[m m]/A WG

0.2-2.5/0.2-2.5/24-12

0.2-2.5/0.2-2.5/24-12

Flexible with or without plastic insulating sleeves [mm²]

0.25-2.5/0.25-2.5

0.25-2.5/0.25-2.5

Stranded (2 Conductors with the same cross-section)

Rigid/flexible [mm²]

0.2-1/0.2-1.5

0.2-1/0.2-1.5

Flexible with plastic insulating sleeves [mm²]

0.25-1

0.25-1

Stripping length [mm]

7

7

Screw

Clamping screw/torque(Nm) -/[Nm]

M3/0.6-0.7

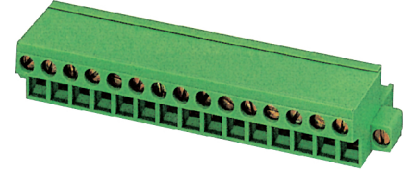
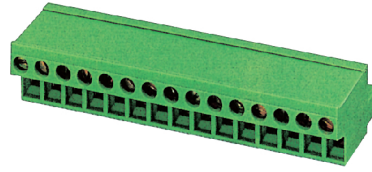
M3/0.6-0.7

Order data

Pole Pitch:5.08mm
Color: ● Green
Screwdriver blade size: 0.6x3.5

Type	Cat.No.	Qty
RPT IA2.5/2-5.08	882502	50
RPT IA2.5/3-5.08	882503	
RPT IA2.5/4-5.08	882504	
RPT IA2.5/5-5.08	882505	
RPT IA2.5/6-5.08	882506	
RPT IA2.5/7-5.08	882507	
RPT IA2.5/8-5.08	882508	
RPT IA2.5/9-5.08	882509	
RPT IA2.5/10-5.08	882510	
RPT IA2.5/11-5.08	882511	
RPT IA2.5/12-5.08	882512	
RPT IA2.5/13-5.08	882513	
RPT IA2.5/14-5.08	882514	
RPT IA2.5/15-5.08	882515	
RPT IA2.5/16-5.08	882516	
RPT IA2.5/17-5.08	882517	
RPT IA2.5/18-5.08	882518	
RPT IA2.5/19-5.08	882519	
RPT IA2.5/20-5.08	882520	
RPT IA2.5/21-5.08	882521	
RPT IA2.5/22-5.08	882522	
RPT IA2.5/23-5.08	882523	
RPT IA2.5/24-5.08	882524	

Type	Cat.No.	Qty
RPT IB2.5/2-5.08	882602	50
RPT IB2.5/3-5.08	882603	
RPT IB2.5/4-5.08	882604	
RPT IB2.5/5-5.08	882605	
RPT IB2.5/6-5.08	882606	
RPT IB2.5/7-5.08	882607	
RPT IB2.5/8-5.08	882608	
RPT IB2.5/9-5.08	882609	
RPT IB2.5/10-5.08	882610	
RPT IB2.5/11-5.08	882611	
RPT IB2.5/12-5.08	882612	
RPT IB2.5/13-5.08	882613	
RPT IB2.5/14-5.08	882614	
RPT IB2.5/15-5.08	882615	
RPT IB2.5/16-5.08	882616	
RPT IB2.5/17-5.08	882617	
RPT IB2.5/18-5.08	882618	
RPT IB2.5/19-5.08	882619	
RPT IB2.5/20-5.08	882620	
RPT IB2.5/21-5.08	882621	
RPT IB2.5/22-5.08	882622	
RPT IB2.5/23-5.08	882623	
RPT IB2.5/24-5.08	882624	

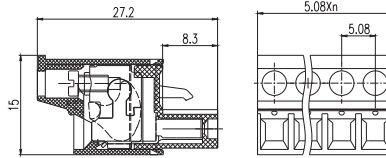


Dimensions Data

Front screw connection: both the Plug-in direction and the screwdriver direction parallel to the conductor axis. Regarding to the conductor connection, the special structure guarantees a very reliable connection: A vibration-resistant screw connection is available when the header with threaded flange is to the plug with screw flange.

Note:
In principle, any plugging in or unplugging operation is based on no power.

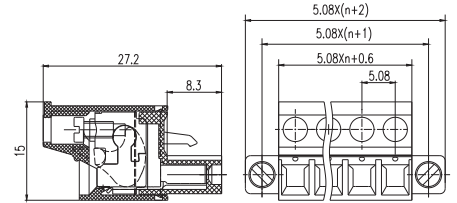
Shape and mounting dimensions



注:n(2~24)为节数.

Note : n (2-24)is the position

Shape and mounting dimensions



注:n(2~24)为节数.

Note : n (2-24)is the position

Pitch /Solder pin size/drilling diameter[mm]/[mm]x[mm]/[mm]

Technical data

Installation type (over-voltage category)/Contamination Level -/-

Rated voltage [V]

Pulse voltage [kV]

Rated current/rated section [A]/[mm²]

Max. load current/section [A]/[mm²]

Insulating material

Clampable conductor

Rigid/flexible/wire gauge [mm]/[m m]/A WG

Flexible with or without plastic insulating sleeves [mm²]

Stranded (2 Conductors with the same cross-section)

Rigid/flexible [mm²]

Flexible with plastic insulating sleeves [mm²]

Stripping length [mm]

Screw

Clamping screw/torque(Nm) -/[Nm]

Order data

Pitch:5.08mm

Color: ● Green

Screwdriver blade size: 0.6x3.5

5.08/-/-

III/3 III/2 II/2

320 320 630

4 4 4

12/2.5

12/2.5

PA66

0.2-2.5/0.2-2.5/24-12

0.25-2.5/0.25-2.5

0.2-1.5/0.2-1.5

0.25-1

10

M2.5/0.6-0.7

Type	Cat.No.	Qty
RPT IC2.5/2-5.08	882702	50
RPT IC2.5/3-5.08	882703	
RPT IC2.5/4-5.08	882704	
RPT IC2.5/5-5.08	882705	
RPT IC2.5/6-5.08	882706	
RPT IC2.5/7-5.08	882707	
RPT IC2.5/8-5.08	882708	
RPT IC2.5/9-5.08	882709	
RPT IC2.5/10-5.08	882710	
RPT IC2.5/11-5.08	882711	
RPT IC2.5/12-5.08	882712	
RPT IC2.5/13-5.08	882713	
RPT IC2.5/14-5.08	882714	
RPT IC2.5/15-5.08	882715	
RPT IC2.5/16-5.08	882716	
RPT IC2.5/17-5.08	882717	
RPT IC2.5/18-5.08	882718	
RPT IC2.5/19-5.08	882719	
RPT IC2.5/20-5.08	882720	
RPT IC2.5/21-5.08	882721	
RPT IC2.5/22-5.08	882722	
RPT IC2.5/23-5.08	882723	
RPT IC2.5/24-5.08	882724	

5.08/-/-

III/3 III/2 II/2

320 320 630

4 4 4

12/2.5

12/2.5

PA66

0.2-2.5/0.2-2.5/24-12

0.25-2.5/0.25-2.5

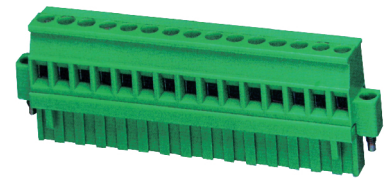
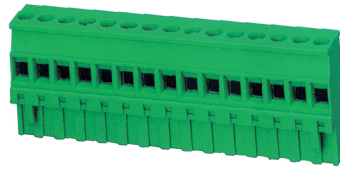
0.2-1.5/0.2-1.5

0.25-1

10

M2.5/0.6-0.7

Type	Cat.No.	Qty
RPT ID2.5/2-5.08	882802	50
RPT ID2.5/3-5.08	882803	
RPT ID2.5/4-5.08	882804	
RPT ID2.5/5-5.08	882805	
RPT ID2.5/6-5.08	882806	
RPT ID2.5/7-5.08	882807	
RPT ID2.5/8-5.08	882808	
RPT ID2.5/9-5.08	882809	
RPT ID2.5/10-5.08	882810	
RPT ID2.5/11-5.08	882811	
RPT ID2.5/12-5.08	882812	
RPT ID2.5/13-5.08	882813	
RPT ID2.5/14-5.08	882814	
RPT ID2.5/15-5.08	882815	
RPT ID2.5/16-5.08	882816	
RPT ID2.5/17-5.08	882817	
RPT ID2.5/18-5.08	882818	
RPT ID2.5/19-5.08	882819	
RPT ID2.5/20-5.08	882820	
RPT ID2.5/21-5.08	882821	
RPT ID2.5/22-5.08	882822	
RPT ID2.5/23-5.08	882823	
RPT ID2.5/24-5.08	882824	

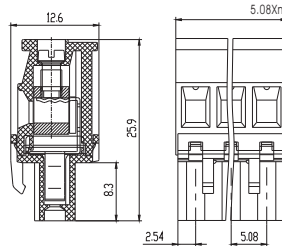


Dimensions Data

The Plug-in direction vertical to the conductor axis, and conductor entry on the coded side of the plug. The installation of these plugs can be near the mounting rail or the instrument housing. vertical plugs can be placed immediately against neighboring walls and removed without squashing the connected lines. Alternatively, the plugs are also available with screw flange for vibration-resistant connection to header with threaded flange.

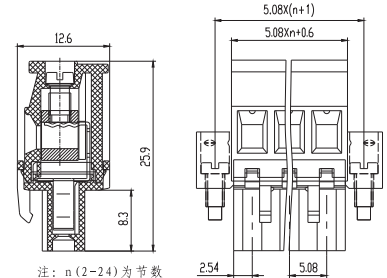
Note:
In principle, any plugging in or unplugging operation is based on no power.

Shape and mounting dimensions



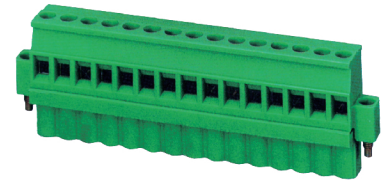
注: n (2-24) 为节数
Note: n (2-24) is the position

Shape and mounting dimensions



注: n (2-24) 为节数
Note: n (2-24) is the position

	5.08/-/-			5.08/-/-		
	III/3	III/2	II/2	III/3	III/2	II/2
Pitch /Solder pin size/drilling diameter[mm]/[mm]x[mm]/[mm]	5.08/-/-			5.08/-/-		
Technical data						
Installation type (over-voltage category)/Contamination Level -/-						
Rated voltage [V]	250	320	630	250	320	630
Pulse voltage [kV]	4	4	4	4	4	4
Rated current/Rated section [A]/[mm ²]	12/2.5			12/2.5		
Max. load current/section [A]/[mm ²]	12/2.5			12/2.5		
Insulating material	PA66			PA66		
Clampable conductor						
Rigid/flexible/wire gauge [mm]/[m m]/A WG	0.2-2.5/0.2-2.5/24-12			0.2-2.5/0.2-2.5/24-12		
Flexible with or without plastic insulating sleeves [mm ²]	0.25-2.5/0.25-2.5			0.25-2.5/0.25-2.5		
Stranded (2 Conductors with the same cross-section)						
Rigid/flexible [mm ²]	0.2-1/0.2-1.5			0.2-1/0.2-1.5		
Flexible with plastic insulating sleeves [mm ²]	0.25-1			0.25-1		
Stripping length [mm]	7			7		
Screw						
Clamping screw/torque(Nm)	M3/0.6-0.7			M3/0.6-0.7		
Order data	Type	Cat.No.	Qty	Type	Cat.No.	Qty
Pitch:5.08mm	RPT IE2.5/2-5.08	882902	50	RPT IF2.5/2-5.08	883002	50
Color: ● Green	RPT IE2.5/3-5.08	882903		RPT IF2.5/3-5.08	883003	
Screwdriver blade size: 0.6x3.5	RPT IE2.5/4-5.08	882904		RPT IF2.5/4-5.08	883004	
	RPT IE2.5/5-5.08	882905		RPT IF2.5/5-5.08	883005	
	RPT IE2.5/6-5.08	882906		RPT IF2.5/6-5.08	883006	
	RPT IE2.5/7-5.08	882907		RPT IF2.5/7-5.08	883007	
	RPT IE2.5/8-5.08	882908		RPT IF2.5/8-5.08	883008	
	RPT IE2.5/9-5.08	882909		RPT IF2.5/9-5.08	883009	
	RPT IE2.5/10-5.08	882910		RPT IF2.5/10-5.08	883010	
	RPT IE2.5/11-5.08	882911		RPT IF2.5/11-5.08	883011	
	RPT IE2.5/12-5.08	882912		RPT IF2.5/12-5.08	883012	
	RPT IE2.5/13-5.08	882913		RPT IF2.5/13-5.08	883013	
	RPT IE2.5/14-5.08	882914		RPT IF2.5/14-5.08	883014	
	RPT IE2.5/15-5.08	882915		RPT IF2.5/15-5.08	883015	
	RPT IE2.5/16-5.08	882916		RPT IF2.5/16-5.08	883016	
	RPT IE2.5/17-5.08	882917		RPT IF2.5/17-5.08	883017	
	RPT IE2.5/18-5.08	882918		RPT IF2.5/18-5.08	883018	
	RPT IE2.5/19-5.08	882919		RPT IF2.5/19-5.08	883019	
	RPT IE2.5/20-5.08	882920		RPT IF2.5/20-5.08	883020	
	RPT IE2.5/21-5.08	882921		RPT IF2.5/21-5.08	883021	
	RPT IE2.5/22-5.08	882922		RPT IF2.5/22-5.08	883022	
	RPT IE2.5/23-5.08	882923		RPT IF2.5/23-5.08	883023	
	RPT IE2.5/24-5.08	882924		RPT IF2.5/24-5.08	883024	

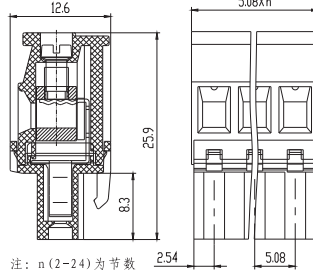


Dimensions Data

The Plug-in direction vertical to the conductor axis, and conductor entry on the rippled side of the plug. The installation of these plugs can be near the mounting rail or the instrument housing. vertical plugs can be placed immediately against neighboring walls and removed without squashing the connected lines. Alternatively, the plugs are also available with screw flange for vibration-resistant connection to header with threaded flange.

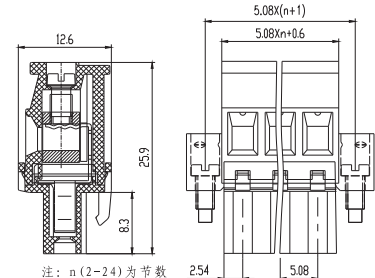
Note:
In principle, any plugging in or unplugging operation is based on no power.

Shape and mounting dimensions



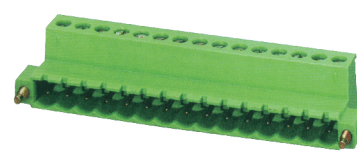
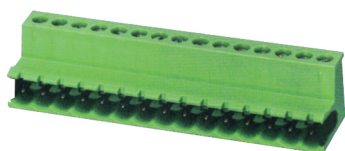
注：n (2-24) 为节数
Note : n (2-24) is the position

Shape and mounting dimensions



注：n (2-24) 为节数
Note : n (2-24) is the position

Pitch /Solder pin size/drilling diameter[mm]/[mm]x[mm]/[mm]	5.08/-/-			5.08/-/-			
Technical data	III/3	III/2	II/2	III/3	III/2	II/2	
Installation type (over-voltage category)/Contamination Level -/-							
Rated voltage [V]	250	320	630	250	320	630	
Pulse voltage [kV]	4	4	4	4	4	4	
Rated current/Rated section [A]/[mm ²]	12/2.5			12/2.5			
Max. load current/section [A]/[mm ²]	12/2.5			12/2.5			
Insulating material	PA66			PA66			
Clampable conductor							
Rigid/flexible/wire gauge [mm]/[m m]/A WG	0.2-2.5/0.2-2.5/24-12			0.2-2.5/0.2-2.5/24-12			
Flexible with or without plastic insulating sleeves [mm ²]	0.25-2.5/0.25-2.5			0.25-2.5/0.25-2.5			
Stranded (2 Conductors with the same cross-section)							
Rigid/flexible [mm ²]	0.2-1/0.2-1.5			0.2-1/0.2-1.5			
Flexible with plastic insulating sleeves [mm ²]	0.25-1			0.25-1			
Stripping length [mm]	7			7			
Screw							
Clamping screw/torque(Nm)	M3/0.6-0.7			M3/0.6-0.7			
Order data	Pole	Type	Cat.No.	Qty	Type	Cat.No.	Qty
Pitch:5.08mm	2	RPT IG2.5/2-5.08	883102	50	RPT IH2.5/2-5.08	883202	50
Color: ● Green	3	RPT IG2.5/3-5.08	883103		RPT IH2.5/3-5.08	883203	
Screwdriver blade size: 0.6x3.5	4	RPT IG2.5/4-5.08	883104		RPT IH2.5/4-5.08	883204	
	5	RPT IG2.5/5-5.08	883105		RPT IH2.5/5-5.08	883205	
	6	RPT IG2.5/6-5.08	883106		RPT IH2.5/6-5.08	883206	
	7	RPT IG2.5/7-5.08	883107		RPT IH2.5/7-5.08	883207	
	8	RPT IG2.5/8-5.08	883108		RPT IH2.5/8-5.08	883208	
	9	RPT IG2.5/9-5.08	883109		RPT IH2.5/9-5.08	883209	
	10	RPT IG2.5/10-5.08	883110		RPT IH2.5/10-5.08	883210	
	11	RPT IG2.5/11-5.08	883111		RPT IH2.5/11-5.08	883211	
	12	RPT IG2.5/12-5.08	883112		RPT IH2.5/12-5.08	883212	
	13	RPT IG2.5/13-5.08	883113		RPT IH2.5/13-5.08	883213	
	14	RPT IG2.5/14-5.08	883114		RPT IH2.5/14-5.08	883214	
	15	RPT IG2.5/15-5.08	883115		RPT IH2.5/15-5.08	883215	
	16	RPT IG2.5/16-5.08	883116		RPT IH2.5/16-5.08	883216	
	17	RPT IG2.5/17-5.08	883117		RPT IH2.5/17-5.08	883217	
	18	RPT IG2.5/18-5.08	883118		RPT IH2.5/18-5.08	883218	
	19	RPT IG2.5/19-5.08	883119		RPT IH2.5/19-5.08	883219	
	20	RPT IG2.5/20-5.08	883120		RPT IH2.5/20-5.08	883220	
	21	RPT IG2.5/21-5.08	883121		RPT IH2.5/21-5.08	883221	
	22	RPT IG2.5/22-5.08	883122		RPT IH2.5/22-5.08	883222	
	23	RPT IG2.5/23-5.08	883123		RPT IH2.5/23-5.08	883223	
	24	RPT IG2.5/24-5.08	883124		RPT IH2.5/24-5.08	883224	

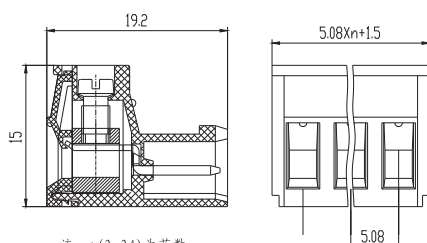


Dimensions Data

The outstanding feature of these plug connectors is the inverted contact system: pin contacts with sturdy 2.5mm screw connection in the plug and solderable socket contacts in the corresponding headers. Plugs and headers can be combined as desired with their counterparts. In this way a multitude of combinations can be achieved.

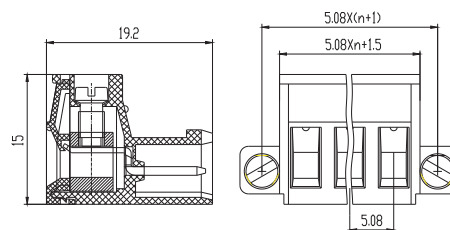
Note:
In principle, any plugging in or unplugging operation is based on no power.

Shape and mounting dimensions



注：n (2-24) 为节数
Note : n (2-24) is the position

Shape and mounting dimensions



注：n (2-24) 为节数
Note : n (2-24) is the position

Pitch /Solder pin size/drilling diameter[mm]/[mm]x[mm]/[mm]

5.08/-/-

5.08/-/-

Technical data

Installation type (over-voltage category)/Contamination Level -/-

III/3 III/2 II/2

III/3 III/2 II/2

Rated voltage [V]

250 320 630

250 320 630

Pulse voltage [kV]

4 4 4

4 4 4

Rated current/Rated section [A]/[mm²]

12/2.5

12/2.5

Max. load current/section [A]/[mm²]

12/2.5

12/2.5

Insulating material

PA66

PA66

Clampable conductor

Rigid/flexible/wire gauge [mm]/[m m]/A WG

0.2-2.5/0.2-2.5/24-12

0.2-2.5/0.2-2.5/24-12

Flexible with or without plastic insulating sleeves [mm²]

0.25-2.5/0.25-2.5

0.25-2.5/0.25-2.5

Stranded (2 Conductors with the same cross-section)

Rigid/flexible [mm²]

0.2-1/0.2-1.5

0.2-1/0.2-1.5

Flexible with plastic insulating sleeves [mm²]

0.25-1

0.25-1

Stripping length [mm]

7

7

Screw

Clamping screw/torque(Nm) -/[Nm]

M3/0.6-0.7

M3/0.6-0.7

Order data

Pole

Type Cat.No. Qty

Type Cat.No. Qty

Pitch:5.08mm 2

RPT II 2.5/2-5.08 883302 50

RPT IJ2.5/2-5.08 883402 50

Color: ● Green 3

RPT II 2.5/3-5.08 883303

RPT IJ2.5/3-5.08 883403

Screwdriver blade size: 0.6x3.5 4

RPT II 2.5/4-5.08 883304

RPT IJ2.5/4-5.08 883404

RPT II 2.5/5-5.08 883305

RPT IJ2.5/5-5.08 883405

RPT II 2.5/6-5.08 883306

RPT IJ2.5/6-5.08 883406

RPT II 2.5/7-5.08 883307

RPT IJ2.5/7-5.08 883407

RPT II 2.5/8-5.08 883308

RPT IJ2.5/8-5.08 883408

RPT II 2.5/9-5.08 883309

RPT IJ2.5/9-5.08 883409

RPT II 2.5/10-5.08 883310

RPT IJ2.5/10-5.08 883410

RPT II 2.5/11-5.08 883311

RPT IJ2.5/11-5.08 883411

RPT II 2.5/12-5.08 883312

RPT IJ2.5/12-5.08 883412

RPT II 2.5/13-5.08 883313

RPT IJ2.5/13-5.08 883413

RPT II 2.5/14-5.08 883314

RPT IJ2.5/14-5.08 883414

RPT II 2.5/15-5.08 883315

RPT IJ2.5/15-5.08 883415

RPT II 2.5/16-5.08 883316

RPT IJ2.5/16-5.08 883416

RPT II 2.5/17-5.08 883317

RPT IJ2.5/17-5.08 883417

RPT II 2.5/18-5.08 883318

RPT IJ2.5/18-5.08 883418

RPT II 2.5/19-5.08 883319

RPT IJ2.5/19-5.08 883419

RPT II 2.5/20-5.08 883320

RPT IJ2.5/20-5.08 883420

RPT II 2.5/21-5.08 883321

RPT IJ2.5/21-5.08 883421

RPT II 2.5/22-5.08 883322

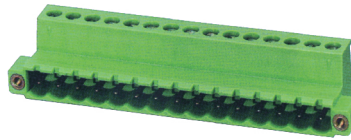
RPT IJ2.5/22-5.08 883422

RPT II 2.5/23-5.08 883323

RPT IJ2.5/23-5.08 883423

RPT II 2.5/24-5.08 883324

RPT IJ2.5/24-5.08 883424



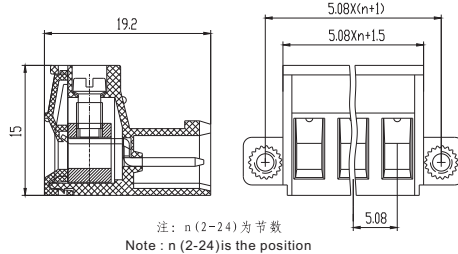
The header with threaded flange



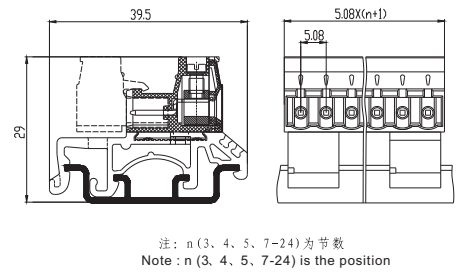
Dimensions Data

The outstanding feature of these plug connectors is the inverted contact system: pin contacts with sturdy 2.5mm screw connection in the plug and solderable socket contacts in the corresponding headers. Plugs and headers can be combined as desired with their counterparts. In this way a multitude of combinations can be achieved.

Shape and mounting dimensions

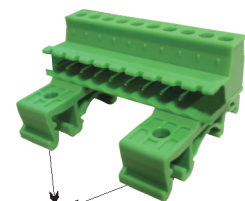


Shape and mounting dimensions



Note:
In principle, any plugging in or unplugging operation is based on no power.

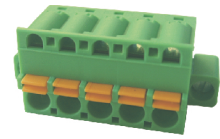
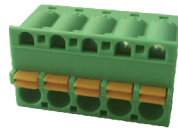
Pitch /Solder pin size/drilling diameter[mm]/[mm]x[mm]/[mm]	5.08/-/-			5.08/-/-			
Technical data	III/3	III/2	II/2	III/3	III/2	II/2	
Installation type (over-voltage category)/Contamination Level -/-							
Rated voltage [V]	250	320	630	250	320	630	
Pulse voltage [kV]	4	4	4	4	4	4	
Rated current/Rated section [A]/[mm ²]	12/2.5			12/2.5			
Max. load current/section [A]/[mm ²]	12/2.5			12/2.5			
Insulating material	PA66			PA66			
Clampable conductor							
Rigid/flexible/wire gauge [mm]/[m m]/A WG	0.2-2.5/0.2-2.5/24-12			0.2-2.5/0.2-2.5/24-12			
Flexible with or without plastic insulating sleeves [mm ²]	0.25-2.5/0.25-2.5			0.25-2.5/0.25-2.5			
Stranded (2 Conductors with the same cross-section)							
Rigid/flexible [mm ²]	0.2-1/0.2-1.5			0.2-1/0.2-1.5			
Flexible with plastic insulating sleeves [mm ²]	0.25-1			0.25-1			
Stripping length [mm]	7			7			
Screw							
Clamping screw/torque(Nm)	M3/0.6-0.7			M3/0.6-0.7			
Order data	Pole	Type	Cat.No.	Qty	Type	Cat.No.	Qty
Pitch:5.08mm	2	RPT IK2.5/2-5.08	883502	50	RPT IL2.5/3-5.08	883603	20
Color: ● Green	3	RPT IK2.5/3-5.08	883503		RPT IL2.5/4-5.08	883604	
Screwdriver blade size: 0.6x3.5	4	RPT IK2.5/4-5.08	883504		RPT IL2.5/5-5.08	883605	
	5	RPT IK2.5/5-5.08	883505		RPT IL2.5/6-5.08	883606	
	6	RPT IK2.5/6-5.08	883506		RPT IL2.5/7-5.08	883607	
	7	RPT IK2.5/7-5.08	883507		RPT IL2.5/8-5.08	883608	
	8	RPT IK2.5/8-5.08	883508		RPT IL2.5/9-5.08	883609	
	9	RPT IK2.5/9-5.08	883509		RPT IL2.5/10-5.08	883610	
	10	RPT IK2.5/10-5.08	883510		RPT IL2.5/11-5.08	883611	
	11	RPT IK2.5/11-5.08	883511		RPT IL2.5/12-5.08	883612	
	12	RPT IK2.5/12-5.08	883512		RPT IL2.5/13-5.08	883613	
	13	RPT IK2.5/13-5.08	883513		RPT IL2.5/14-5.08	883614	
	14	RPT IK2.5/14-5.08	883514		RPT IL2.5/15-5.08	883615	
	15	RPT IK2.5/15-5.08	883515		RPT IL2.5/16-5.08	883616	
	16	RPT IK2.5/16-5.08	883516		RPT IL2.5/17-5.08	883617	
	17	RPT IK2.5/17-5.08	883517		RPT IL2.5/18-5.08	883618	
	18	RPT IK2.5/18-5.08	883518		RPT IL2.5/19-5.08	883619	
	19	RPT IK2.5/19-5.08	883519		RPT IL2.5/20-5.08	883620	
	20	RPT IK2.5/20-5.08	883520		RPTIL2.5/21-5.08	883621	
	21	RPT IK2.5/21-5.08	883521		RPT IL2.5/22-5.08	883622	
	22	RPT IK2.5/22-5.08	883522		RPT IL2.5/23-5.08	883623	
	23	RPT IK2.5/23-5.08	883523		RPT IL2.5/24-5.08	883624	
	24	RPT IK2.5/24-5.08	883524				



ILS End bracket

Type:ILS
Cat.No.:888001

When 3,4 or 5-positions,1 ILS end bracket
other-positions,2 ILS endbracket

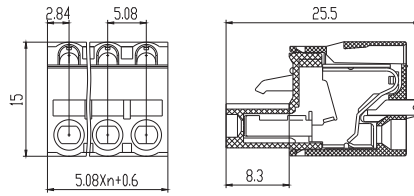


Dimensions Data

The Plug-in direction parallel to the conductor axis; Spring cage structure: all connectors have two test connections in order to accept 2mmΦ test pins or 2.3mmΦ test plugs. A vibration-resistant screw connection is available when the header with threaded flange is to the plug with screw flange.

Note:
In principle, any plugging in or unplugging operation is based on no power.

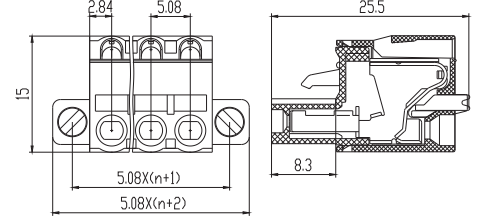
Shape and mounting dimensions



注: n(2-16)为节数.
Note: n (2-16) is the position

The inverted plug with screw flange

Shape and mounting dimensions



注: n(2-16)为节数.
Note: n (2-16) is the position

Pitch /Solder pin size/drilling diameter[mm]/[mm]x[mm]/[mm]

Technical data

Installation type (over-voltage category)/Contamination Level -/-

Rated voltage [V]

Pulse voltage [kV]

Rated current/Rated section [A]/[mm²]

Max. load current/section [A]/[mm²]

Insulating material

Clampable conductor

Rigid/flexible/wire gauge [mm]/[mm²]/A WG

Flexible with or without plastic insulating sleeves [mm²]

Stranded (2 Conductors with the same cross-section)

Rigid/flexible [mm²]

Flexible with plastic insulating sleeves [mm²]

Stripping length [mm]

Screw

Clamping screw/torque(Nm) -/[Nm]

Order data

Pitch: 5.08mm
Color: ● Green
Screwdriver blade size: 0.6x3.5

5.08/-/-

III/3 III/2 II/2

250 320 630

4 4 4

12/2.5

12/2.5

PA66

0.2-2.5/0.2-2.5/24-12

0.25-2.5/0.25-2.5

10

-/-

Type	Cat.No.	Qty
RPT IM2.5/2-5.08	883702	50
RPT IM2.5/3-5.08	883703	
RPT IM2.5/4-5.08	883704	
RPT IM2.5/5-5.08	883705	
RPT IM2.5/6-5.08	883706	
RPT IM2.5/7-5.08	883707	
RPT IM2.5/8-5.08	883708	
RPT IM2.5/9-5.08	883709	
RPT IM2.5/10-5.08	883710	
RPT IM2.5/11-5.08	883711	
RPT IM2.5/12-5.08	883712	
RPT IM2.5/13-5.08	883713	
RPT IM2.5/14-5.08	883714	
RPT IM2.5/15-5.08	883715	
RPT IM2.5/16-5.08	883716	

5.08/-/-

III/3 III/2 II/2

250 320 630

4 4 4

12/1.5

12/2.5

PA66

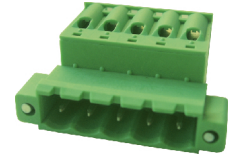
0.2-2.5/0.2-2.5/24-12

0.25-2.5/0.25-2.5

10

-/-

Type	Cat.No.	Qty
RPT IN2.5/2-5.08	883802	50
RPT IN2.5/3-5.08	883803	
RPT IN2.5/4-5.08	883804	
RPT IN2.5/5-5.08	883805	
RPT IN2.5/6-5.08	883806	
RPT IN2.5/7-5.08	883807	
RPT IN2.5/8-5.08	883808	
RPT IN2.5/9-5.08	883809	
RPT IN2.5/10-5.08	883810	
RPT IN2.5/11-5.08	883811	
RPT IN2.5/12-5.08	883812	
RPT IN2.5/13-5.08	883813	
RPT IN2.5/14-5.08	883814	
RPT IN2.5/15-5.08	883815	
RPT IN2.5/16-5.08	883816	

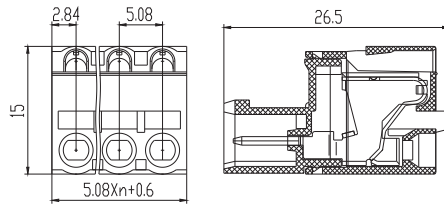


Dimensions Data

The Plug-in direction parallel to the conductor axis; spring cage structure: all connectors have two test connections in order to accept 2mm² test pins or 2.3mm² test plugs. A vibration-resistant screw connection is available when the header with threaded flange is to the plug with screw flange.

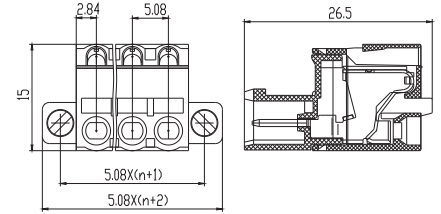
Note:
In principle, any plugging in or unplugging operation is based on no power.

Shape and mounting dimensions



注：n(2-16)为节数
Note : n (2-16) is the position

Shape and mounting dimensions



注：n(2-16)为节数
Note : n (2-16) is the position

Pitch /Solder pin size/drilling diameter[mm]/[mm]x[mm]/[mm]

Technical data

Installation type (over-voltage category)/Contamination Level -/-

Rated voltage [V]

Pulse voltage [kV]

Rated current/Rated section [A]/[mm²]

Max. load current/section [A]/[mm²]

Insulating material

Clampable conductor

Rigid/flexible/wire gauge [mm]/[m m]/A WG

Flexible with or without plastic insulating sleeves [mm²]

Stranded (2 Conductors with the same cross-section)

Rigid/flexible [mm²]

Flexible with plastic insulating sleeves [mm²]

Stripping length [mm]

Screw

Clamping screw/torque(Nm) -/[Nm]

Order data

Pitch:5.08mm

Color: ● Green

Screwdriver blade size: 0.6x3.5

5.08/-/-

III/3 III/2 II/2

250 320 630

4 4 4

12/2.5

12/2.5

PA66

0.2-2.5/0.2-2.5/24-12

0.25-2.5/0.25-2.5

10

-/-

Type Cat.No. Qty

2	RPT IO2.5/2-5.08	883902	50
3	RPT IO2.5/3-5.08	883903	
4	RPT IO2.5/4-5.08	883904	
5	RPT IO2.5/5-5.08	883905	
6	RPT IO2.5/6-5.08	883906	
7	RPT IO2.5/7-5.08	883907	
8	RPT IO2.5/8-5.08	883908	
9	RPT IO2.5/9-5.08	883909	
10	RPT IO2.5/10-5.08	883910	
11	RPT IO2.5/11-5.08	883911	
12	RPT IO2.5/12-5.08	883912	
13	RPT IO2.5/13-5.08	883913	
14	RPT IO2.5/14-5.08	883914	
15	RPT IO2.5/15-5.08	883915	
16	RPT IO2.5/16-5.08	883916	

5.08/-/-

III/3 III/2 II/2

250 320 630

4 4 4

12/2.5

12/2.5

PA66

0.2-2.5/0.2-2.5/24-12

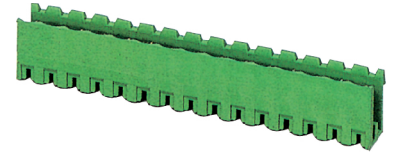
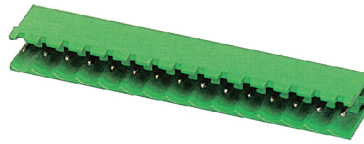
0.25-2.5/0.25-2.5

10

-/-

Type Cat.No. Qty

RPT IP2.5/2-5.08	850102	50
RPT IP2.5/3-5.08	850103	
RPT IP2.5/4-5.08	850104	
RPT IP2.5/5-5.08	850105	
RPT IP2.5/6-5.08	850106	
RPT IP2.5/7-5.08	850107	
RPT IP2.5/8-5.08	850108	
RPT IP2.5/9-5.08	850109	
RPT IP2.5/10-5.08	850110	
RPT IP2.5/11-5.08	850111	
RPT IP2.5/12-5.08	850112	
RPT IP2.5/13-5.08	850113	
RPT IP2.5/14-5.08	850114	
RPT IP2.5/15-5.08	850115	
RPT IP2.5/16-5.08	850116	



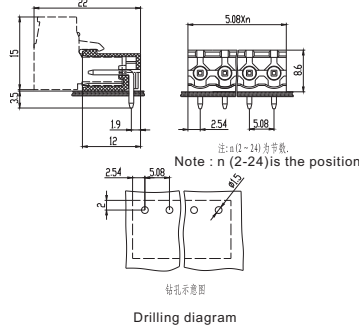
Dimensions Data

Headers without side panels can be combined to form multiple positions plug and the pitch remains the same.

Note:
In principle, any plugging in or unplugging operation is based on no power.

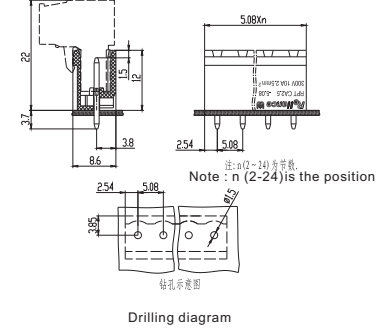
The plug in direction parallel to the printed circuitboard

Shape and mounting dimensions



The plug in direction vertical to the printed circuitboard

Shape and mounting dimensions



Pitch /Solder pin size/drilling diameter[mm]/[mm]x[mm]/[mm]

Technical data

Installation type (over-voltage category)/Contamination Level -/-

Rated voltage	[V]
Pulse voltage	[kV]
Rated current/Rated section	[A]/[mm ²]
Max. load current/section	[A]/[mm ²]
Insulating material	

Clampable conductor

Rigid/flexible/wire gauge [mm]/[m m]/A WG

Flexible with or without plastic insulating sleeves [mm²]

Stranded (2 Conductors with the same cross-section)

Rigid/flexible [mm²]
Flexible with plastic insulating sleeves [mm²]
Stripping length [mm]

Screw

Clamping screw/torque(Nm) -/[Nm]

Order data

Pitch: 5.08mm
Color: ● Green
Screwdriver blade size: 0.6x3.5

5.08/1X1/Φ1.5

	III/3	III/2	II/2
Rated voltage	250	320	400
Pulse voltage	4	4	4
Rated current/Rated section		12	
Max. load current/section		12	
Insulating material	PBT		
Rigid/flexible/wire gauge	-		
Flexible with or without plastic insulating sleeves	-		
Rigid/flexible	-		
Flexible with plastic insulating sleeves	-		
Stripping length	-		
Clamping screw/torque(Nm)	-/-		

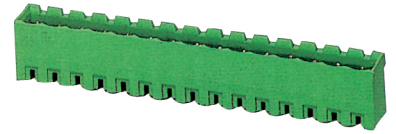
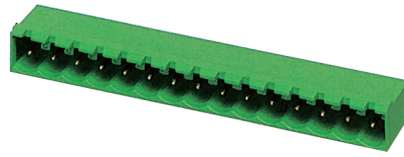
5.08/1X1/Φ1.5

	III/3	III/2	II/2
Rated voltage	250	320	400
Pulse voltage	4	4	4
Rated current/Rated section		12	
Max. load current/section		12	
Insulating material	PBT		
Rigid/flexible/wire gauge	-		
Flexible with or without plastic insulating sleeves	-		
Rigid/flexible	-		
Flexible with plastic insulating sleeves	-		
Stripping length	-		
Clamping screw/torque(Nm)	-/-		

Order data	Pole
Pitch: 5.08mm	2
Color: ● Green	3
Screwdriver blade size: 0.6x3.5	4
	5
	6
	7
	8
	9
	10
	11
	12
	13
	14
	15
	16
	17
	18
	19
	20
	21
	22
	23
	24

Type	Cat.No.	Qty
RPT CA2.5/2-5.08	880102	50
RPT CA2.5/3-5.08	880103	
RPT CA2.5/4-5.08	880104	
RPT CA2.5/5-5.08	880105	
RPT CA2.5/6-5.08	880106	
RPT CA2.5/7-5.08	880107	
RPT CA2.5/8-5.08	880108	
RPT CA2.5/9-5.08	880109	
RPT CA2.5/10-5.08	880110	
RPT CA2.5/11-5.08	880111	
RPT CA2.5/12-5.08	880112	
RPT CA2.5/13-5.08	880113	
RPT CA2.5/14-5.08	880114	
RPT CA2.5/15-5.08	880115	
RPT CA2.5/16-5.08	880116	
RPT CA2.5/17-5.08	880117	
RPT CA2.5/18-5.08	880118	
RPT CA2.5/19-5.08	880119	
RPT CA2.5/20-5.08	880120	
RPT CA2.5/21-5.08	880121	
RPT CA2.5/22-5.08	880122	
RPT CA2.5/23-5.08	880123	
RPT CA2.5/24-5.08	880124	

Type	Cat.No.	Qty
RPT CD2.5/2-5.08	880402	50
RPT CD2.5/3-5.08	880403	
RPT CD2.5/4-5.08	880404	
RPT CD2.5/5-5.08	880405	
RPT CD2.5/6-5.08	880406	
RPT CD2.5/7-5.08	880407	
RPT CD2.5/8-5.08	880408	
RPT CD2.5/9-5.08	880409	
RPT CD2.5/10-5.08	880410	
RPT CD2.5/11-5.08	880411	
RPT CD2.5/12-5.08	880412	
RPT CD2.5/13-5.08	880413	
RPT CD2.5/14-5.08	880414	
RPT CD2.5/15-5.08	880415	
RPT CD2.5/16-5.08	880416	
RPT CD2.5/17-5.08	880417	
RPT CD2.5/18-5.08	880418	
RPT CD2.5/19-5.08	880419	
RPT CD2.5/20-5.08	880420	
RPT CD2.5/21-5.08	880421	
RPT CD2.5/22-5.08	880422	
RPT CD2.5/23-5.08	880423	
RPT CD2.5/24-5.08	880424	



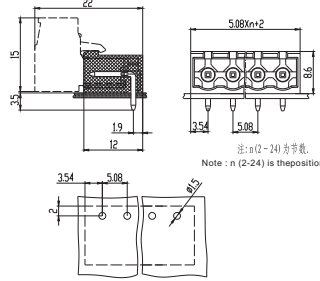
Dimensions Data

Headers with sidepanels can be mounted in rows according to the pitch, which can avoid any danger of lateral mismatching.

Note:
In principle, any plugging in or unplugging operation is based on no power.

The plug in direction parallel to the printed circuit board

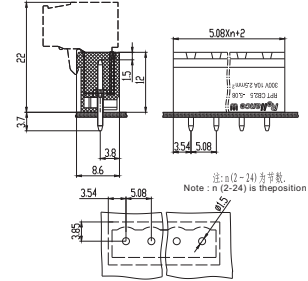
Shape and mounting dimensions



Drilling diagram

The plug in direction vertical to the printed circuit board

Shape and mounting dimensions



Drilling diagram

Pitch /Solder pin size/drilling diameter[mm]/[mm]x[mm]/[mm]

Technical data

Installation type (over-voltage category)/Contamination Level -/-

Rated voltage [V]

Pulse voltage [kV]

Rated current/Rated section [A]/[mm²]

Max. load current/section [A]/[mm²]

Insulating material

Clampable conductor

Rigid/flexible/wire gauge [mm]/[m m]/A WG

Flexible with or without plastic insulating sleeves [mm²]

Stranded (2 Conductors with the same cross-section)

Rigid/flexible [mm²]

Flexible with plastic insulating sleeves [mm²]

Stripping length [mm]

Screw

Clamping screw/torque(Nm) -/[Nm]

Order data

Pitch:5.08mm Pole 2

Color: ● Green Pole 3

Screwdriver blade size: 0.6x3.5 Pole 4

Pole 5

Pole 6

Pole 7

Pole 8

Pole 9

Pole 10

Pole 11

Pole 12

Pole 13

Pole 14

Pole 15

Pole 16

Pole 17

Pole 18

Pole 19

Pole 20

Pole 21

Pole 22

Pole 23

Pole 24

5.08/1X1/Φ 1.5

III/3 III/2 II/2

250 320 400

4 4 4

12

12

PBT

5.08/1X1/Φ 1.5

III/3 III/2 II/2

250 320 400

4 4 4

12

12

PBT

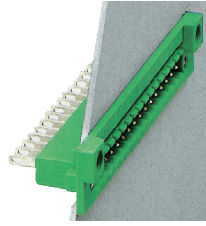
-/-

Type	Cat.No.	Qty
RPT CB2.5/2-5.08	880202	50
RPT CB2.5/3-5.08	880203	
RPT CB2.5/4-5.08	880204	
RPT CB2.5/5-5.08	880205	
RPT CB2.5/6-5.08	880206	
RPT CB2.5/7-5.08	880207	
RPT CB2.5/8-5.08	880208	
RPT CB2.5/9-5.08	880209	
RPT CB2.5/10-5.08	880210	
RPT CB2.5/11-5.08	880211	
RPT CB2.5/12-5.08	880212	
RPT CB2.5/13-5.08	880213	
RPT CB2.5/14-5.08	880214	
RPT CB2.5/15-5.08	880215	
RPT CB2.5/16-5.08	880216	
RPT CB2.5/17-5.08	880217	
RPT CB2.5/18-5.08	880218	
RPT CB2.5/19-5.08	880219	
RPT CB2.5/20-5.08	880220	
RPT CB2.5/21-5.08	880221	
RPT CB2.5/22-5.08	880222	
RPT CB2.5/23-5.08	880223	
RPT CB2.5/24-5.08	880224	

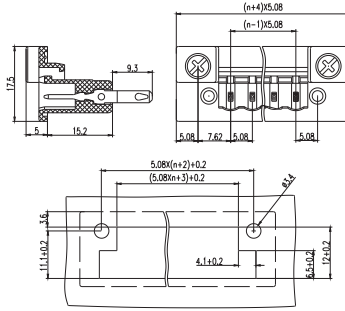
-/-

Type	Cat.No.	Qty
RPT CE2.5/2-5.08	880502	50
RPT CE2.5/3-5.08	880503	
RPT CE2.5/4-5.08	880504	
RPT CE2.5/5-5.08	880505	
RPT CE2.5/6-5.08	880506	
RPT CE2.5/7-5.08	880507	
RPT CE2.5/8-5.08	880508	
RPT CE2.5/9-5.08	880509	
RPT CE2.5/10-5.08	880510	
RPT CE2.5/11-5.08	880511	
RPT CE2.5/12-5.08	880512	
RPT CE2.5/13-5.08	880513	
RPT CE2.5/14-5.08	880514	
RPT CE2.5/15-5.08	880515	
RPT CE2.5/16-5.08	880516	
RPT CE2.5/17-5.08	880517	
RPT CE2.5/18-5.08	880518	
RPT CE2.5/19-5.08	880519	
RPT CE2.5/20-5.08	880520	
RPT CE2.5/21-5.08	880521	
RPT CE2.5/22-5.08	880522	
RPT CE2.5/23-5.08	880523	
RPT CE2.5/24-5.08	880524	

RPT CU2.5/n-5.08

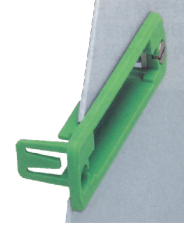


Shape and mounting dimensions

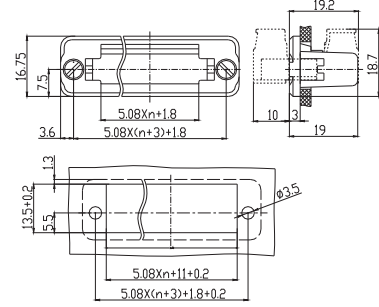


设备壳体切口尺寸示意图 注: n(2-24)为节数。
Equipment shell incision size Note: n (2-24) is the position

RPT CZ2.5/n-5.08



Shape and mounting dimensions



钻孔示意图 注: n(2-24)为节数。
Drilling diagram Note: n (2-24) is the position

Dimensions Data

Terminal blocks which permit a pluggable connection through the housing wall are required in electronic appliance construction. These feed-through headers elegantly satisfy this demand: an external connection for the corresponding plugs with a 2.5mm connection cross section, an internally combinable solder connection or 2.8 mm tab connection. The headers with threaded flange allow a vibration-resistant screw attachment with all plugs with screw flange.

Note: In principle, any plugging in or unplugging operation is based on no power.

Pitch / Solder pin size / drilling diameter [mm] / [mm] x [mm] / [mm]

Technical data

Installation type (over-voltage category) / Contamination Level - / -

Rated voltage [V]

Pulse voltage [kV]

Rated current / Rated section [A] / [mm²]

Max. load current / section [A] / [mm²]

Quick connection: Max. Current / Rated size

Insulating material

Clampable conductor

Rigid / flexible / wire gauge [mm²] / [mm²] / AWG

Flexible with or without plastic insulating sleeves [mm²]

Screw

Clamping screw / torque (Nm) - / [Nm]

5.08/1X1/-

III/3	III/2	II/2
320	320	630
4	4	4
		12/2.5
		12/2.5
		8/2.8X0.8
		PA66
		-
		- / -

Note:

The feed-through assembly frame forms, together with the RPT IJ2.5/n-5.08 inverted plug and RPT IB2.5/n-5.08 plug, the housing panel feed-through terminal block for unprotected wiring up to a conductor cross section of 2.5mm. The frame is inserted into the cutout and screwed to the housing wall. The preassembled RPT IJ2.5/n-5.08 inverted plug (2 to 24 positions) snaps into the frame from the inside. The RPT IB2.5/n-5.08 plug is plugged in from the outside. The lateral screw flanges permit a vibration-resistant screw connection of both plug components. Corresponding plugs, see pages 4-5 and 4-9.

Applied to the working thickness from 4.5mm to 0.5mm

Spacing: 5.08mm

Color: ● Green

Order data	Pole	Type	Cat.No.	Qty	Type	Cat.No.	Qty
Pitch: 5.08mm	2	RPT CU2.5/2-5.08	882102	50	RPT CZ2.5/2-5.08	884402	50
Color: ● Green	3	RPT CU2.5/3-5.08	882103		RPT CZ2.5/3-5.08	884403	
	4	RPT CU2.5/4-5.08	882104		RPT CZ2.5/4-5.08	884404	
	5	RPT CU2.5/5-5.08	882105		RPT CZ2.5/5-5.08	884405	
	6	RPT CU2.5/6-5.08	882106		RPT CZ2.5/6-5.08	884406	
	7	RPT CU2.5/7-5.08	882107		RPT CZ2.5/7-5.08	884407	
	8	RPT CU2.5/8-5.08	882108		RPT CZ2.5/8-5.08	884408	
	9	RPT CU2.5/9-5.08	882109		RPT CZ2.5/9-5.08	884409	
	10	RPT CU2.5/10-5.08	882110		RPT CZ2.5/10-5.08	884410	
	11	RPT CU2.5/11-5.08	882111		RPT CZ2.5/11-5.08	884411	
	12	RPT CU2.5/12-5.08	882112		RPT CZ2.5/12-5.08	884412	
	13	RPT CU2.5/13-5.08	882113		RPT CZ2.5/13-5.08	884413	
	14	RPT CU2.5/14-5.08	882114		RPT CZ2.5/14-5.08	884414	
	15	RPT CU2.5/15-5.08	882115		RPT CZ2.5/15-5.08	884415	
	16	RPT CU2.5/16-5.08	882116		RPT CZ2.5/16-5.08	884416	
	17	RPT CU2.5/17-5.08	882117		RPT CZ2.5/17-5.08	884417	
	18	RPT CU2.5/18-5.08	882118		RPT CZ2.5/18-5.08	884418	
	19	RPT CU2.5/19-5.08	882119		RPT CZ2.5/19-5.08	884419	
	20	RPT CU2.5/20-5.08	882120		RPT CZ2.5/20-5.08	884420	
	21	RPT CU2.5/21-5.08	882121		RPT CZ2.5/21-5.08	884421	
	22	RPT CU2.5/22-5.08	882122		RPT CZ2.5/22-5.08	884422	
	23	RPT CU2.5/23-5.08	882123		RPT CZ2.5/23-5.08	884423	
	24	RPT CU2.5/24-5.08	882124		RPT CZ2.5/24-5.08	884424	