

Tel-
0086-577-62780116

Fax-
0086-577-62774090

Email-
info@etek-china.com

No. 288 Wei 17th Road,
Economic Development Zone,
Yueqing City Zhejiang China.

ETEK[®]
E TEK ELECTRIC

ZHEJIANG ETEK
ELECTRICAL TECHNOLOGY CO.,LTD.

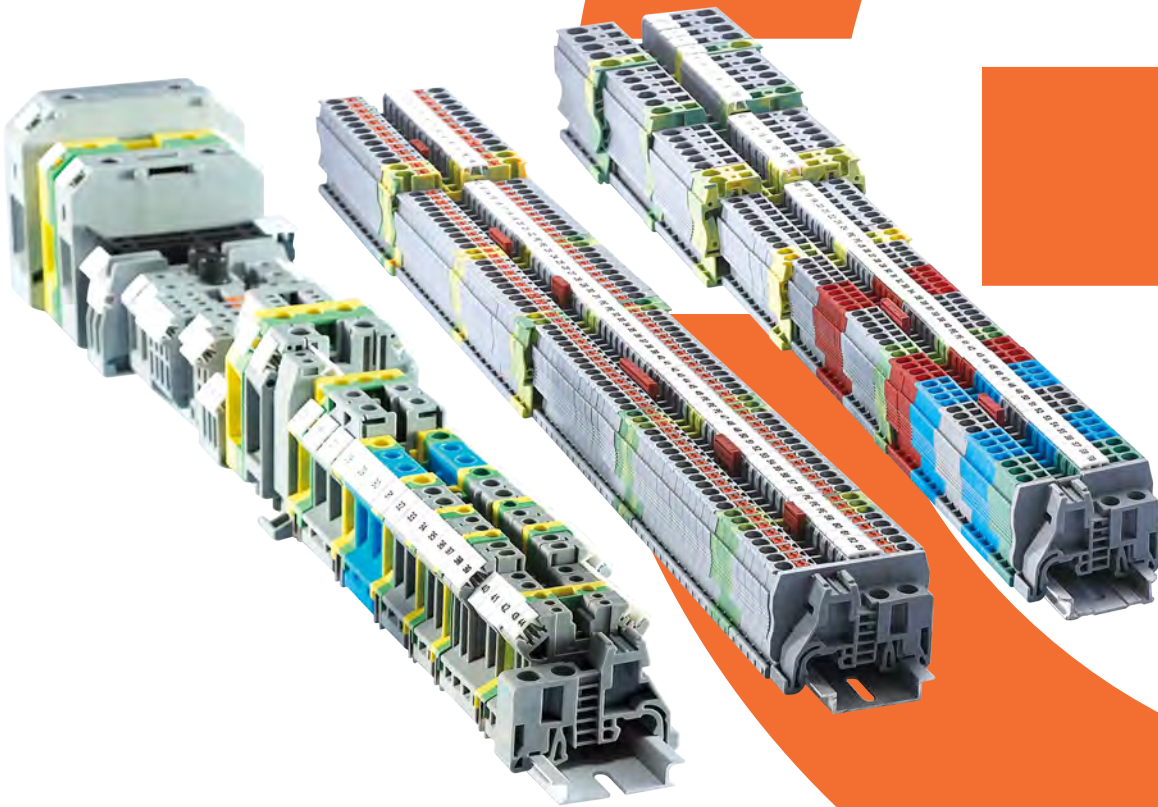


ETEK®

www.etek-china.com ▼

INDUSTRIAL DISTRIBUTION TERMINALS BLOCKS

» *Always for your safety*



ZHEJIANG ETEK
ELECTRICAL TECHNOLOGY CO.,LTD.

Always for your safety



RoHS

COMPANY INTRODUCTION

Zhejiang ETEK Electric Technology Co., Ltd. (Abbreviation: ETEK Electric) is a professional manufacturing company dedicated to the research, development, production and sales of low-voltage electrical appliances. The company was established in 2011 and is located in Wenzhou City, Zhejiang Province. At present, the company has a modern factory building of more than 100,000m². ETEK Electric focuses on the low-voltage electrical fieldwide and has advanced production management systems and production processes. Its products cover electrical safety products for household, commercial, industrial and similar facilities, such as Miniature Circuit Breakers (MCB), Residual Current Devices (RCDs), Isolating Switches, Molded Case Circuit Breakers (MCCB), Distribution Board, AC Contactors, Surge Protectors (SPD), IoT Smart Circuit Breakers and Electric Vehicle Charging Facilities (EV Charger), etc.

Relying on hard work and innovation, ETEK Electric's products quickly stand out in the fiercely competitive electrical market. With its own brand 'ETEK', 'ETEC' it has successfully entered the international market and signed overseas brand agency contracts with customers from many countries and regions. Its products are exported to the Europe, America, Middle East, Africa, South Asia and other more than 60 countries and regions.

ETEK Electric always insists on providing customers with safe and reliable electrical products. Won approvals of CE, CB, TUV, UKCA, SEMKO, VDE, SAA and ISO9001 Quality System Certificate and RoHS Environmental Management System Certificate.

ETEK Electric is committed to solving the pressure and challenges of customers and creating value for customers. ETEK Electric has a experienced, dynamic, professional and efficient team, we can provide customers with the best OEM, ODM services.

Growth, Efficiency, Innovation and Quality are ETEK's business goals. We are firmly committed to the field of low voltage electrical products which is your trusted partner.

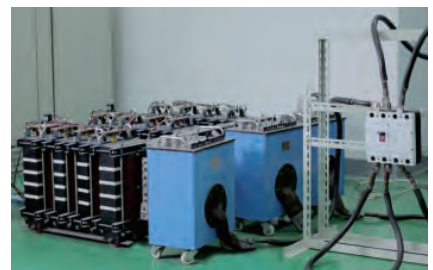
We hope our products can guarantee the power safety of global users and promote the development of green energy.



WORKSHOPS



TESTING CENTER

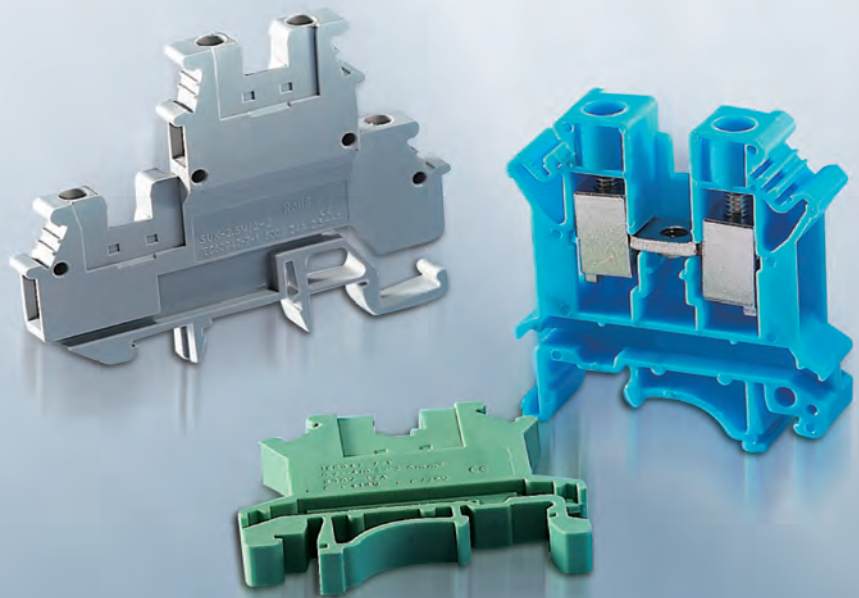


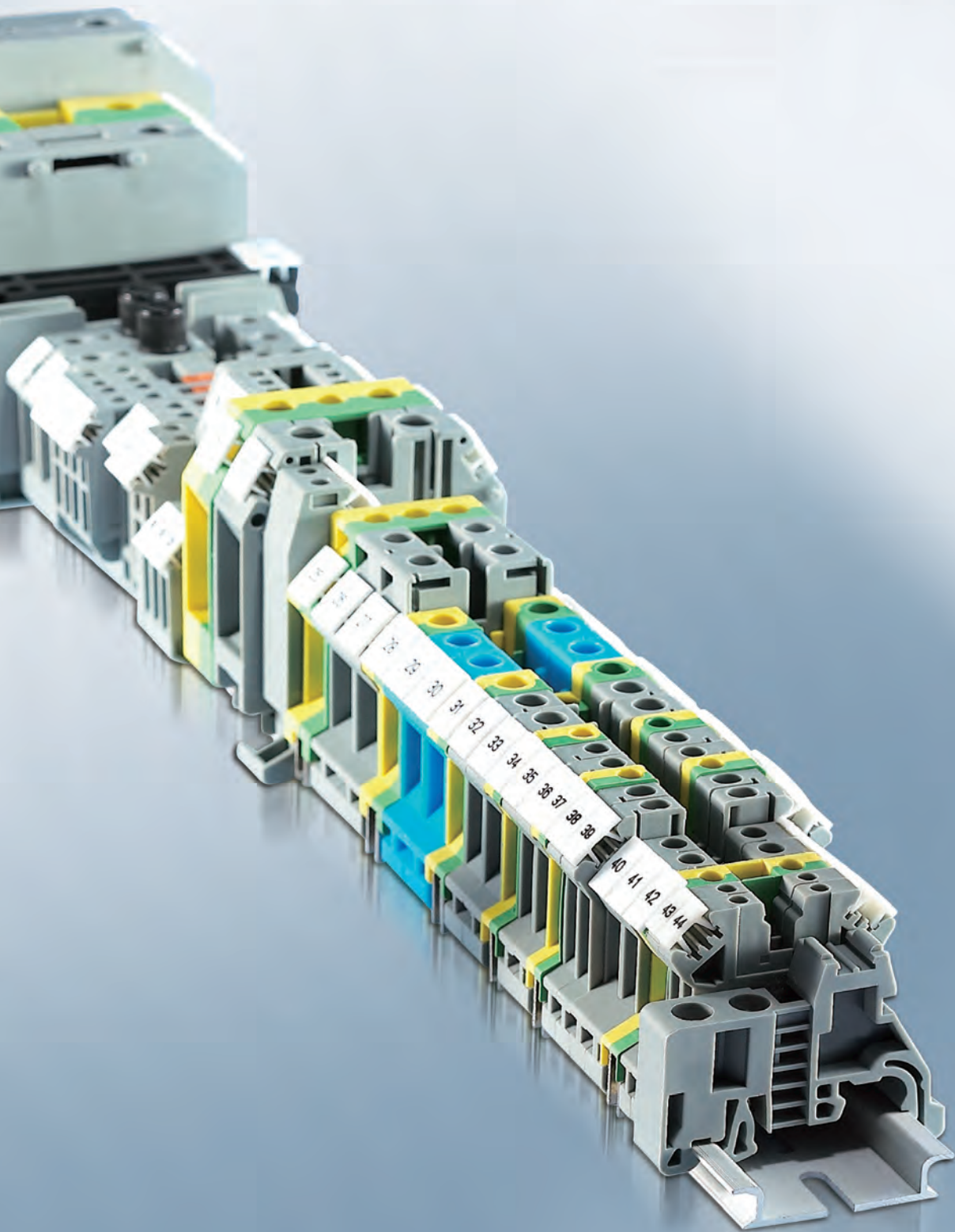
CONTENTS

| | |
|---|-------|
| VK Series DIN Rails Screw Clamp Terminal Blocks | 01-20 |
| VPT Series DIN Rails Spring Clamp Terminal Blocks | 21-32 |
| VST Series DIN Rails Spring Clamp Terminal Blocks | 33-46 |
| VSK Series DIN Rails screw clamp Terminal Blocks | 47-56 |
| JF5 Series Board Type Screw Terminal Blocks | 57-67 |
| JY Series Terminal Blocks | 68 |
| VOT Series Round Terminal Blocks | 69-70 |
| IN Bolt Type Multi Poles Terminal | 71-72 |
| TB Universal Terminal Blocks | 73-79 |
| TC High Current Terminal Blocks | 80-83 |
| TBD Double Level Terminal Blocks | 84 |
| TBR Universal Terminal Blocks | 85-86 |
| TD Universal Terminal Blocks | 87-88 |
| JH9 Universal Terminal Blocks | 89-90 |

ETAK

VK SERIES DIN RAILS SCREW CLAMP
TERMINAL BLOCKS





Nylon



- Insulated parts is made of modified Nylon PA66 and have good electric and physical performances.
- Resistivity ($\Omega \times \text{mm}$): $>10^{15}$
- Dielectric strength ($\text{KV} \times \text{mm}$): 30
- Comparative tracking index(CTI,V): 450
- Long time working temperature($^{\circ}\text{C}$): 100
- Lowest static working temperature($^{\circ}\text{C}$): -50
- According to UL 94, the flame retardant grade of the modified PA66 is between HB and V0.
- Adopted PA66 material free of halogen, during burning it will not produce corrosive acid rain gas, more over PA66 is of good weather proof, does not provide oxygen or other biological element for microbe, namely some insulating parts made of this material will not do harm to its performances even if white ant, anaerobic bacteria, or fungi exist.
- PA66 can well withstand most oil and grease, alcohol, and common detergent such as carbon tetrachloride.
- Manufacturing equipment: Provided complete automatic plastic injecting equipment and punching machine, these good equipment guarantee the product with high quality.

Electric Current Bar



- The flat and straight wire compressing frame can keep good connection with cable even if the cable is very small.
- The thread in current bar can sweep off the oxidation layer on the cable surface to make connection enough to withstand pulling force.
- The clamp structure is firm, has low tolerance during production, high contacting pressure, all of these ensure solid connection, even in the corrosive surroundings.

Metal Parts of Terminal Blocks



Each metal part of screw type terminals requires different mechanical strength, the alloy material for these metal parts is different as well, the screw made of high strength copper alloy, conductor is electrolyzed copper, wire compressing frame made of stress resistant, crack proof, anti-corrosive copper alloy, the surface of these metal parts will be coated with tin or nickel layer.

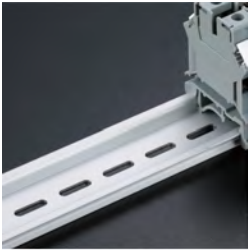
The terminal block of complete copper material can prevent the battery effect that produce between steel part and copper conductor when they become damp, finally it can avoid electric corrosion and its bad influence unsecure electrical connection and screw being rusted.

Screw Self-Locking



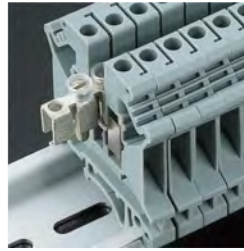
VK full copper terminal blocks adopted the theory of "Reakdyn" to prevent screws being loose automatically, for optimized terminals with rated cross sectional area up to 10mm^2 , their wire compressing frame constructed of lifting cylinder structure, while tightening the screw, the screw push the conductor and make wire compressing frame moving upward, finally the cable clamped solidly with the conductor in the frame. And due to high piercing force from the terminal, the cable can contact deeply into the tinned layer of conductor, in such case the transitional resistance in 4mm^2 terminal has only 0.3Ω , smaller than the required data of IEC947-7-1/EN60947-7-1 standard, the upper "Reakdyn-gap" can realize screw selflocking via such structure, increase the torque to tighten screw, lifting cylinder engenders elastic distortion, which will make friction increase gradually in the screw.

DIN Rail



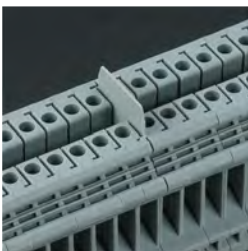
The rail can be used to fix electric and electronic connectors quickly and reliably.

Central Connector



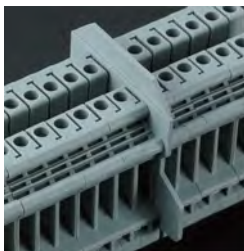
10-bit central joint terminal FBI with insulated sleeve can be sheared as the lower bits as requested, assembled into terminal shell and fixed by screws.

Clapboard



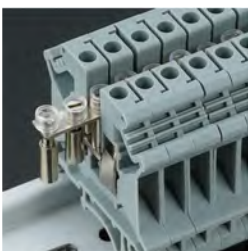
Isolated plate TS can be used to perform electric and visible isolation between directly adjacent bridged parts in the center of terminal block. If electric clearance and creepage distance can't be reduced, the two sides of central bridged joints shall be added with isolated plates, these plates can be inserted later and clamped solidly, not occupying the space of rail.

Grouping Clapboard



Grouped isolating plate ATP projecting out terminal configuration, easy to be sorted.

Fixed Bridge



Channel bar of fixed bridge joint FBRI has screws, which put on small sleeve to avoid losing, the fixing number of this bridge joints is 2 ~ 10 bits.

Side Plug-In Connector



Side inserted bridge joint EB together with conductor can be pressed to connect with terminal, after side inserted bridge joint, the permissible section area of conductor has to be smaller. 10-bit bridge joint can be sheared as any number bit less than 10-bit. Moreover it can cut off the single metal tooth of the bridge joint and jumped to connect the terminals. There is an insulated layer on the tooth back of bridge joint to prevent electric touch.

End Stop



Termination fixing part is suitable for G and Th type mounting rail, for positioning two sides of terminal block.

Mark Tag



All combination terminals in the mounting channel with markings can be quickly and well marked with ZB marking system.

Universal Terminal Blocks

"VK" Series Universal Rail Mounting Standard Screw Clamp Feed through terminal blocks, have useful features as follows:

- The terminal can be mounted on U type railway TH35-7.5 and G type railway G32-15, G32-18. the closed screw guiding hole can make it easy operate screwdriver.
- The universal accessories provided for terminals with several cross sectional area, e.g. clapboard, grouping plate, etc.
- Potential distribution can be realized through connecting to fixed central jumper or inserting into side jumper.
- Ground terminal and N line terminal with same figure of universal terminals, will be marked with ZB combined digital number for uniform identification.



VK-1.5N



VK-2.5B

| Dimensions | | |
|--|-----------------------------|--|
| Width x Length x Height(mm) | 43/4.2/41 | 42.5/6.2/41 |
| Nominal screw diameter(mm) | M2 | M3 |
| Torque(Nm) | 0.22-0.25 | 0.6-0.8 |
| Stripping length(mm) | 7 | |
| Parameter | | |
| Voltage rating(V) | 500 | 690 |
| Current rating(A) | 17.5 | 24 |
| Wire section(mm ²) | 1.5 | 2.5 |
| Max. load current/Wire section(A/mm ²) | 17.5/1.5 | 32/4 |
| Wire Range | | |
| Rigidity wire range(mm ²) | 0.14-1.5 | 0.2-4 |
| Soft wire range(mm ²) | 0.14-1.5 | 0.2-2.5 |
| End Clapboard | | |
| | Type | |
| | D-VK1.5 | D-VK2.5 |
| Clapboard | | |
| Used for electric isolation between adjacent jumpers After that, insert it | | TS-KK3 |
| Grouping Clapboard | | |
| For the terminal group of visual and electrical isolation | | ATP-VK |
| DIN Rails | | |
| Mountable rail type | | G32-15 TH35-7.5 |
| Internal Jumper | | |
| Used for transversely bridge connected in the center of terminal block, according to actual operation the voltage can be distributed | 10 pole 3 pole 2 pole | FBI 10-4 FBI 3-4 FBI 2-4 |
| | | FBI 10-6 FBI 3-6 FBI 2-6 |
| External Jumper | | |
| 10 pole | | EB 10-6 |
| 3 pole | | EB 3-6 |
| 2 pole | | EB 2-6 |
| Mark Tag | | |
| Blank | | ZB 10-4 ZB 10-6 |
| Pre-printed 10 no. Horz | | ZB 10-4 (Horizontal) ZB 10-6 (Horizontal) |
| Pre-printed 10 no. Vert | | ZB 10-4 (Vertical) ZB 10-6 (Vertical) |

Universal Terminal Blocks



VK-3N

VK-5N

VK-6N

VK-10N

42.5/5.2/46

42.5/6.2/46

42.5/8.2/46

42.5/10.2/46

M3

M4

0.6-0.8

1.5-1.8

8

10

800

24

32

41

57

2.5

4

6

10

32/4

41/6

57/10

76/16

0.2-4

0.2-6

0.2-10

0.5-16

0.2-2.5

0.2-4

0.2-6

0.5-10

Type

D-VK4/10

TS-K

ATP-VK

G32-15

TH35-7.5

FBI 10-5

FBI 10-6

FBI 10-8

FBI 10-10

FBI 3-5

FBI 3-6

FBI 3-8

FBI 3-10

FBI 2-5

FBI 2-6

FBI 2-8

FBI 2-10

EB 10-5

EB 10-6

EB 10-8

EB 10-10

EB 3-5

EB 3-6

EB 3-8

EB 3-10

EB 2-5

EB 2-6

EB 2-8

EB 2-10

ZB 10-5

ZB 10-6

ZB 10-8

ZB 10-10

ZB 10-5 (Horizontal)

ZB 10-6 (Horizontal)

ZB 10-8 (Horizontal)

ZB 10-10 (Horizontal)

ZB 10-5 (Vertical)

ZB 10-6 (Vertical)

ZB 10-8 (Vertical)

ZB 10-10 (Vertical)

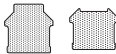
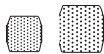





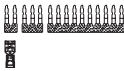



Universal Terminal Blocks

"VK" Series Universal Rail Mounting Standard Screw Clamp Feed through terminal blocks, have useful features as follows:

- The terminal can be mounted on U type railway TH35-7.5 and G type railway G32-15, G32-18. the closed screw guiding hole can make it easy operate screwdriver.
- The universal accessories provided for terminals with several cross sectional area, e.g. clapboard, grouping plate, etc.
- Potential distribution can be realized through connecting to fixed central jumper or inserting into side jumper.
- Ground terminal and N line terminal with same figure of universal terminals, will be marked with ZB combined digital number for uniform identification.



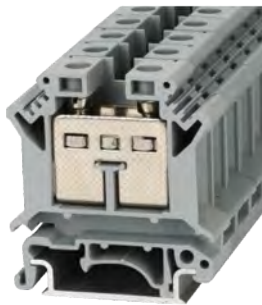
VK-16N

| | | |
|--|---|-----------------------------------|
| Dimensions | | |
| Width x Length x Height(mm) | | 42.5/12.2/53 |
| Nominal screw diameter(mm) | | M4 |
| Torque(Nm) | | 1.5-1.8 |
| Stripping length(mm) | | 11 |
| Parameter | | |
| Voltage rating(V) | | 800 |
| Current rating(A) | | 76 |
| Wire section(mm ²) | | 16 |
| Max. load current/Wire section(A/mm ²) | | 101/25 |
| Wire Range | | |
| Rigidity wire range(mm ²) | | 2.5-25 |
| Soft wire range(mm ²) | | 4-16 |
| End Clapboard | | Type |
| |  | D-VK4/10 D-VK16 |
| Clapboard | | |
| Used for electric isolation between adjacent jumpers After that, insert it |  | TS-K |
| Grouping Clapboard | | |
| For the terminal group of visual and electrical isolation |  | ATP-VK |
| DIN Rails | | |
| Mountable rail type |  | G32-15 TH35-7.5 |
| Internal Jumper | | |
| Used for transversely bridge connected in the center of terminal block, according to actual operation the voltage can be distributed | 10 pole  3 pole  2 pole  | FBI 10-12 FBI 3-12 FBI 2-12 |
| External Jumper | | |
| 10 pole |  | EB 10-12 |
| 3 pole | | EB 3-12 |
| 2 pole | | EB 2-12 |
| Mark Tag | | |
| Blank |  | ZB 10-10 |
| Pre-printed 10 no. Horz |  | ZB 10 (Horizontal) |
| Pre-printed 10 no. Vert |  | ZB 10 (Vertical) |

Universal Terminal Blocks



VK-16B



VK-25N



VK-35N



VK-35B

| | | | | | |
|--------------------|--|------------|--|-----------|--|
| 42.5/12.2/46 | | 51/15/61.5 | | 56/15/51 | |
| M4 | | M6 | | | |
| 1.5-1.8 | | 3.2-3.7 | | | |
| 11 | | 16 | | | |
| 400 | | 800 | | 1000 | |
| 76 | | 100 | | 125 | |
| 16 | | 25 | | 35 | |
| 101/25 | | 125/35 | | 150/50 | |
| 2.5-25 | | 4-35 | | 7.5-50 | |
| 4-16 | | 6-25 | | 7.5-35 | |
| Type | | | | | |
| D-VK4/10 D-VK16 | | D-VK4/10 | | | |
| TS-K | | | | | |
| ATP-VK | | | | | |
| G32-15 | | | | | |
| TH35-7.5 | | | | | |
| FBI 10-12 | | | | FBI 10-15 | |
| FBI 3-12 | | | | FBI 3-15 | |
| FBI 2-12 | | | | FBI 2-15 | |
| EB 10-12 | | | | EB 10-15 | |
| EB 3-12 | | | | EB 3-15 | |
| EB 2-12 | | | | EB 2-15 | |
| ZB 10-10 | | | | | |
| ZB 10 (Horizontal) | | | | | |
| ZB 10 (Vertical) | | | | | |

High Current Terminal Blocks

"VK" Series Universal Rail Mounting Standard Screw Clamp Feed through terminal blocks, have useful features as follows:

- The terminal can be mounted on U type railway TH35-7.5 and G type railway G32-15, G32-18. the closed screw guiding hole can make it easy operate screwdriver.
- The universal accessories provided for terminals with several cross sectional area, e.g. clapboard, grouping plate, etc.
- Potential distribution can be realized through connecting to fixed central jumper or inserting into side jumper.
- Ground terminal and N line terminal with same figure of universal terminals, will be marked with ZB combined digital number for uniform identification.



VK-50N

VK-95N

VK-150N

Dimensions

| | | | |
|-----------------------------|--------------|--------------|---------------|
| Width x Length x Height(mm) | 71.5/20/76.5 | 83.5/25/90 | 101.5/32/112 |
| Nominal screw diameter(mm) | M6 (Hexagon) | M8 (Hexagon) | M10 (Hexagon) |
| Torque(Nm) | 6-8 | 15-20 | 25-30 |
| Stripping length(mm) | 24 | 33 | 40 |

Parameter

| | | | |
|--|--------|--------|---------|
| Voltage rating(V) | 1000 | | |
| Current rating(A) | 150 | 232 | 309 |
| Wire section(mm ²) | 50 | 95 | 150 |
| Max. load current/Wire section(A/mm ²) | 150/50 | 232/95 | 309/150 |

Wire Range

| | | | |
|---------------------------------------|-------|-------|--------|
| Rigidity wire range(mm ²) | 16-50 | 25-95 | 35-150 |
| Soft wire range(mm ²) | 25-50 | 35-95 | 50-150 |

DIN Rails

Type

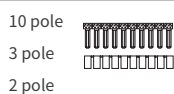
Mountable rail type



G32-15
TH35-7.5

Internal Jumper

Used for transversely bridge connected in the center of terminal block, according to actual operation the voltage can be distributed



FBI 10-20
FBI 3-20
FBI 2-20

External Jumper

10 pole
3 pole
2 pole



Mark Tag

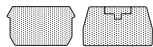


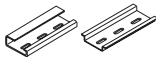







| | | |
|-------------------------|--|-----------------------|
| Blank | | ZB 10-12 |
| Pre-printed 10 no. Horz | | ZB 10-12 (Horizontal) |
| Pre-printed 10 no. Vert | | ZB 10-12 (Vertical) |

Test Terminal Blocks

Test terminal blocks are applied in measurement and control equipments to realize all connections of secondary circuits in current transformer. The sliding plate with captive slide nut is provided between the two connection screws, high short current withstand, its advantages: save space, few accessories needed, easily installed, switching circuit is clearly legible.



VRTK/S

| Dimensions | | |
|--|---|--|
| Width x Length x Height(mm) | | 72.8/8.2/51 |
| Nominal screw diameter(mm) | | M4 |
| Torque(Nm) | | 1.2-1.5 |
| Stripping length(mm) | | 13 |
| Parameter | | |
| Voltage rating(V) | | 400 |
| Current rating(A) | | 41 |
| Wire section(mm ²) | | 6 |
| Max. load current/Wire section(A/mm ²) | | 57/10 |
| Wire Range | | |
| Rigidity wire range(mm ²) | | 0.5-10 |
| Soft wire range(mm ²) | | 0.5-6 |
| End Clapboard | | Type |
| |  | D-VRTK/S |
| Clapboard | | |
| For electric separation of neighboring bridges, can be fitted later no loss of pitch |  | |
| Grouping Clapboard | | |
| For the terminal group of visual and electrical isolation |  | |
| DIN Rails | | |
| Mountable rail type |  | G32-15 TH35-7.5 |
| Internal Jumper | | |
| Used for transversely bridge connected in the center of terminal block, according to actual operation the voltage can be distributed | 10 pole  3 pole  2 pole  | FBI 10-RTK/S FBI 3-RTK/S FBI 2-RTK/S |
| External Jumper | | |
| 10 pole |  | EB 10-8 |
| 3 pole | | EB 3-8 |
| 2 pole | | EB 2-8 |
| Mark Tag | | |
| Blank |  | ZB 10-8 |
| Pre-printed 10 no. Horz |  | ZB 10-8 (Horizontal) |
| Pre-printed 10 no. Vert |  | ZB 10-8 (Vertical) |

Test & Switch Terminal Blocks







The blade breaking terminal often used in some metering and control equipment, so as to detect fault and repair quickly without energization. Its features below:

- Easy operations
- Loading current up to 16A because contacting resistance is low.
- Stable closed insulation shell.
- Withstand voltage up to 800V.
- The figure is similar with VK-1.5N...VK-16N.



VK5-MTKP/P

VDK4-MTKP/P

| Dimensions | | |
|--|---|--|
| Width x Length x Height(mm) | 51.2/6.2/46.5 | 64/6.2/46.5 |
| Nominal screw diameter(mm) | M3 | |
| Torque(Nm) | 0.5-0.6 | 0.6-0.8 |
| Stripping length(mm) | 8 | |
| Parameter | | |
| Voltage rating(V) | 500 | 630 |
| Current rating(A) | 16 | 16(The connecting wire is 6mm ²) |
| Wire section(mm ²) | 4 | |
| Max. load current/Wire section(A/mm ²) | 20/4 | 16/6(The total current of the connecting wires does not exceed the maximum load) |
| Wire Range | | |
| Rigidity wire range(mm ²) | 0.2-4 | 0.2-6 |
| Soft wire range(mm ²) | 0.2-4 | |
| End Clapboard | | |
| |  | Type |
| | | D-VDK4 |
| DIN Rails | | |
| Mountable rail type |  | G32-15 TH35-7.5 |
| External Jumper | | |
| 10 pole | | EB 10-6 |
| 3 pole |  | EB 3-6 |
| 2 pole | | EB 2-6 |
| Mark Tag | | |
| Blank |  | ZB 10-6 |
| Pre-printed 10 no. Horz |  | ZB 10-6 (Horizontal) |
| Pre-printed 10 no. Vert |  | ZB 10-6 (Vertical) |

Multi-Connection Terminal Blocks

Double outlet terminal

- In practical applications, it is often due to the problem of "potential distribution", that is, how to connect two or more wires to a combined terminal, especially when the types and cross-sectional sizes of the connected wires are very different. Solving this problem has hitherto meant taking up more space and more terminals and more expense for bridging. The above-mentioned problems are solved by using double outlet terminals. It has two independent wiring sides on one side (internal wiring side of the electrical cabinet)
- It can be bridged to the center of the terminal, or it can be bridged to the adjacent row of terminals.
- If used in combination with ordinary terminals, the exposed metal part of the double outlet terminal must be covered with an end plate closure.

One-way incoming and outgoing terminal

- Since the two wiring positions of the same-direction terminal are facing the same side, the installation and wiring personnel can connect two wires on one side, which has the advantages of saving space, and the special design of the shape can be installed close to the wall of the electrical cabinet, making full use of each of the electrical cabinets. corner. It is the best supplement to the traditional common terminal.



VK5-TWIN



VK5-RETURN

| Dimensions | | VK5-TWIN | VK5-RETURN |
|--|-----------------------------|-------------|--------------------------------|
| Width x Length x Height(mm) | | 50.5/6.2/46 | 47/6.2/58 |
| Nominal screw diameter(mm) | | | M3 |
| Torque(Nm) | | | 0.6-0.8 |
| Stripping length(mm) | | | 8 |
| Parameter | | | |
| Voltage rating(V) | | | 500 |
| Current rating(A) | | | 32 |
| Wire section(mm ²) | | | 4 |
| Max. load current/Wire section(A/mm ²) | | 32/4 | 41/6 |
| Wire Range | | | |
| Rigidity wire range(mm ²) | | 0.2-4 | 0.2-6 |
| Soft wire range(mm ²) | | | 0.2-4 |
| End Clapboard | | | Type |
| | | | D-RETURN3/5 |
| Clapboard | | | |
| For electric separation of neighboring bridges, can be fitted later no loss of pitch | | TS-K | |
| Grouping Clapboard | | | |
| For the terminal group of visual and electrical isolation | | | |
| DIN Rails | | | |
| Mountable rail type | | | G32-15 TH35-7.5 |
| Internal Jumper | | | |
| Used for transversely bridge connected in the center of terminal block, according to actual operation the voltage can be distributed | 10 pole 3 pole 2 pole | | FBI 10-6 FBI 3-6 FBI 2-6 |
| External Jumper | | | |
| 10 pole | | | EB 10-6 |
| 3 pole | | | EB 3-6 |
| 2 pole | | | EB 2-6 |
| Mark Tag | | | |
| Blank | | | ZB 10-6 |
| Pre-printed 10 no. Horz | | | ZB 10-6 (Horizontal) |
| Pre-printed 10 no. Vert | | | ZB 10-6 (Vertical) |

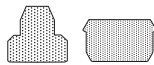

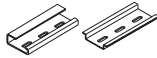







Double Level Terminal Blocks



VKK3



VKK5

| | | | |
|--|---|--------------------------------|---|
| Dimensions | | | |
| Width x Length x Height(mm) | | 56.5/5.2/61 | 56.5/6.2/61 |
| Nominal screw diameter(mm) | | | M3 |
| Torque(Nm) | | | 0.6-0.8 |
| Stripping length(mm) | | | 8 |
| Parameter | | | |
| Voltage rating(V) | | | 500 |
| Current rating(A) | | 24 | 32 |
| Wire section(mm ²) | | 2.5 | 4 |
| Max. load current/Wire section(A/mm ²) | | | 32/4 |
| Wire Range | | | |
| Rigidity wire range(mm ²) | | | 0.2-4 |
| Soft wire range(mm ²) | | 0.2-2.5 | 0.2-4 |
| End Clapboard | | | Type |
| |  | | D-VKK3/5 DG-VKK3/5(Compensation partition) |
| Clapboard | | | |
| For electric separation of neighboring bridges, can be fitted later no loss of pitch |  | | TS-KK3 |
| DIN Rails | | | |
| Mountable rail type |  | | G32-15 TH35-7.5 |
| Internal Jumper | | | |
| Used for transversely bridge connected in the center of terminal block, according to actual operation the voltage can be distributed | 10 pole  3 pole  2 pole  | FBI 10-5 FBI 3-5 FBI 2-5 | FBI 10-6 FBI 3-6 FBI 2-6 |
| External Jumper | | | |
| 10 pole | | EB 10-5 | EB 10-6 |
| 3 pole |  | EB 3-5 | EB 3-6 |
| 2 pole | | EB 2-5 | EB 2-6 |
| Mark Tag | | | |
| Blank |  | ZB 10-5 | ZB 10-6 |
| Pre-printed 10 no. Horz |  | ZB 10-5 (Horizontal) | ZB 10-6 (Horizontal) |
| Pre-printed 10 no. Vert |  | ZB 10-5 (Vertical) | ZB 10-6 (Vertical) |

Double Level Terminal Blocks









| | | | |
|---|---|-------------|---|
| | | | |
| VKK5SL | MBKKB2.5-LA | MBKKB2.5-PV | VDK4 |
| 56.5/6.2/61 | 62/5.2/47 | 62/5.2/47 | 64/6.2/46.5 |
| M3 | | | |
| 0.6-0.8 | | | |
| 8 | | | |
| 500 | | | 630 |
| 32 | 24 | | 32 (The connecting wire is 6mm ²) |
| 4 | 2.5 | | 4 |
| 32/4 | 24/4 (The total current of the connecting wires does not exceed the maximum load) | | 32/6 |
| 0.2-4 | | | 0.2-6 |
| 0.2-4 | 0.2-2.5 | 0.2-2.5 | 0.2-4 |
| Type | | | |
| D-VKK3/5 DG-VKK3/5(Compensation partition) | D-MBKKB2.5 | | D-VDK4 |
| TS-KK3 | | | |
| G32-15 | | | |
| TH35-7.5 | | | |
| FBI 10-6 | FBI 10-5 | | FBI 10-6 |
| FBI 3-6 | FBI 3-5 | | FBI 3-6 |
| FBI 2-6 | FBI 2-5 | | FBI 2-6 |
| EB 10-6 | EB 10-5 | | EB 10-6 |
| EB 3-6 | EB 3-5 | | EB 3-6 |
| EB 2-6 | EB 2-5 | | EB 2-6 |
| ZB 10-6 | ZB 10-5 | | ZB 10-6 |
| ZB 10-6 (Horizontal) | ZB 10-5 (Horizontal) | | ZB 10-6 (Horizontal) |
| ZB 10-6 (Vertical) | ZB 10-5 (Vertical) | | ZB 10-6 (Vertical) |

Fuse Terminal Blocks

- VK5-HESI VK5-HESILED are the disconnected rotating arm type fuse test terminal, the rotating arm can be opened upside, and fixed on final position, fuse can be installed inside rotating arm, these terminals can provide light indicator or without.
- VK10-HESI VK10-HESILED are screw cap type fuse terminal, fuse can be 5X20mm, 5X25mm, bridged by used of central jumper FBI 10-12, two kinds of model: with or without light indicator, the one with indicator will light if fuse blown down.
- Notices: the terminal shall be chosen according to maxi power consumption of fuse (itself temperature). Check heating status of fuse terminal based application and mounting modes, at that case of higher temperature, it may give extra burden to fuse, if so, please consider regulating (reducing) rated working current.



VK5-HESI

| | | |
|--|---|----------------------|
| Dimensions | | |
| Width x Length x Height(mm) | | 73/8/50 |
| Nominal screw diameter(mm) | | M3 |
| Torque(Nm) | | 0.5-0.8 |
| Stripping length(mm) | | 8 |
| Parameter | | |
| Voltage rating(V) | | 800 |
| Current rating(A) | | 6.3 |
| Wire section(mm ²) | | 4 |
| Wire Range | | |
| Rigidity wire range(mm ²) | | 0.2-4 |
| Soft wire range(mm ²) | | 0.2-4 |
| DIN Rails | | |
| Mountable rail type |  | G32-15 TH35-7.5 |
| Internal Jumper | | |
| Used for transversely bridge connected in the center of terminal block, according to actual operation the voltage can be distributed | 10 pole  3 pole  2 pole  | |
| External Jumper | | |
| 10 pole | | EB 10-8 |
| 3 pole |  | EB 3-8 |
| 2 pole | | EB 2-8 |
| Mark Tag | | |
| Blank |  | ZB 10-8 |
| Pre-printed 10 no. Horz |  | ZB 10-8 (Horizontal) |
| Pre-printed 10 no. Vert |  | ZB 10-8 (Vertical) |
| Equipped with fuse core G type Fuse type 5x25 | | |

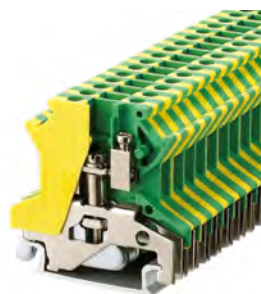
Fuse Terminal Blocks



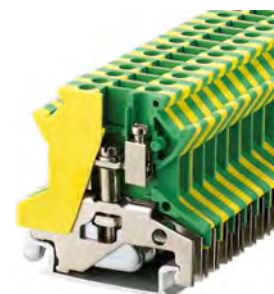
| VK5-HESILED | VK10-DRHESI | VK10-DRHESILED |
|---|----------------------|---|
| 73/8/50 | | 62/12.2/56 |
| M3 | | M4 |
| 0.5-0.8 | | 1.5-1.8 |
| 8 | | 11 |
| 800 | | 800 |
| 6,3 | | 10 |
| 4 | | 16 |
| 0.2-4 | | 0.5-16 |
| 0.2-4 | | 0.5-16 |
| | G32-15 | |
| | TH35-7.5 | |
| | | FBI 10-12 |
| | | FBI 3-12 |
| | | FBI 2-12 |
| EB 10-8 | | EB 10-12 |
| EB 3-8 | | EB 3-12 |
| EB 2-8 | | EB 2-12 |
| | ZB 10-8 | |
| | ZB 10-8 (Horizontal) | |
| | ZB 10-8 (Vertical) | |
| Equipped with fuse core G type Fuse type 5x25 | | Equipped with fuse core G type Fuse type 5x20 |

Ground Terminal Blocks

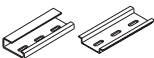



- Use ground blocks instead of grounding studs and wire lugs to terminate ground wires, saving installation and wiring time.
- Ground blocks clamp mechanically onto the DIN rail by tightening the center mounting screw, making a reliable electrical connection between the cage clamp terminals and the DIN rail.
- The rail serves as a busbar and automatically distributes ground potential to all other ground terminals on the same rail.
- Ground blocks can also be used as end stops, preventing other terminal blocks and components from moving laterally on the DIN rail.
- They are supplied with a standard green / yellow housing for easy identification and accept standard marking tags.



VSLKG1.5



VSLKG2.5

| Dimensions | | | |
|---------------------------------------|---|----------------------|----------------------|
| Width x Length x Height(mm) | 42.5/4.2/41 | 42.5/6.2/41 | |
| Nominal screw diameter(mm) | M2 | M3 | |
| Torque(Nm) | 0.22-0.25 | 0.6-0.8 | |
| Stripping length(mm) | 7 | | |
| Parameter | | | |
| Voltage rating(V) | | | |
| Current rating(A) | 17.5 | 24 | |
| Wire section(mm ²) | 1.5 | 2.5 | |
| Wire Range | | | |
| Rigidity wire range(mm ²) | 0.14-1.5 | 0.2-4 | |
| Soft wire range(mm ²) | 0.14-1.5 | 0.2-2.5 | |
| DIN Rails | | | |
| Mountable rail type |  | G32-15 | |
| | | TH35-7.5 | |
| Mark Tag | | | |
| Blank |  | ZB 10-4 | ZB 10-6 |
| Pre-printed 10 no. Horz |  | ZB 10-4 (Horizontal) | ZB 10-6 (Horizontal) |
| Pre-printed 10 no. Vert |  | ZB 10-4 (Vertical) | ZB 10-6 (Vertical) |

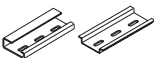



Ground Terminal Blocks

| | | | |
|----------------------|----------------------|----------------------|-----------------------|
| | | | |
| VSLKG3 | VSLKG5 | VSLKG6 | VSLKG10 |
| 42.5/5.2/46 | 42.5/6.2/46 | 42.5/8.2/46 | 42.5/10.2/46 |
| M3 | | | M4 |
| 0.6-0.8 | | | 1.5-1.8 |
| 8 | | | 10 |
| 24 | 32 | 41 | 57 |
| 2.5 | 4 | 6 | 10 |
| 0.2-4 | 0.2-6 | 0.2-10 | 0.5-16 |
| 0.2-2.5 | 0.2-4 | 0.2-6 | 0.5-10 |
| Type | | | |
| G32-15 | | | |
| TH35-7.5 | | | |
| ZB 10-5 | ZB 10-6 | ZB 10-8 | ZB 10-10 |
| ZB 10-5 (Horizontal) | ZB 10-6 (Horizontal) | ZB 10-8 (Horizontal) | ZB 10-10 (Horizontal) |
| ZB 10-5 (Vertical) | ZB 10-6 (Vertical) | ZB 10-8 (Vertical) | ZB 10-10 (Vertical) |

Ground Terminal Blocks

- Use ground blocks instead of grounding studs and wire lugs to terminate ground wires, saving installation and wiring time.
- Ground blocks clamp mechanically onto the DIN rail by tightening the center mounting screw, making a reliable electrical connection between the cage clamp terminals and the DIN rail.
- The rail serves as a busbar and automatically distributes ground potential to all other ground terminals on the same rail.
- Ground blocks can also be used as end stops, preventing other terminal blocks and components from moving laterally on the DIN rail.
- They are supplied with a standard green / yellow housing for easy identification and accept standard marking tags.



| | | | |
|---------------------------------------|---|-----------------------|-----------------------|
| Dimensions | | | |
| Width x Length x Height(mm) | 42.5/12/53 | 51/15/61 | 71/20.5/78 |
| Nominal screw diameter(mm) | M4 | M6 | M6 (Hexagon) |
| Torque(Nm) | 1.5-1.8 | 3.2-3.7 | 6-8 |
| Stripping length(mm) | 11 | 16 | 24 |
| Parameter | | | |
| Voltage rating(V) | | | |
| Current rating(A) | 76 | 125 | 150 |
| Wire section(mm ²) | 16 | 35 | 50 |
| Wire Range | | | |
| Rigidity wire range(mm ²) | 2.5-25 | 7.5-50 | 16-50 |
| Soft wire range(mm ²) | 4-16 | 7.5-35 | 25-50 |
| DIN Rails | | | |
| Mountable rail type |  | G32-15 | |
| | | TH35-7.5 | |
| Mark Tag | | | |
| Blank |  | ZB 10-10 | ZB 10-10 |
| Pre-printed 10 no. Horz |  | ZB 10-10 (Horizontal) | ZB 10-10 (Horizontal) |
| Pre-printed 10 no. Vert |  | ZB 10-10 (Vertical) | ZB 10-10 (Vertical) |

Accessories series

End Stop, Plastic

| | | | | |
|-----------------------------|-------------|--------------|-----------|-------------|
| | | | | |
| | VK-B1 | VK-B2 | E/VK | E/VK-3 |
| Dimensions | | | | |
| Width x Length x Height(mm) | 43/9.5/35.5 | 42.4/15/43.2 | 45/9.5/36 | 50/9.3/35.5 |
| DIN Rails | | | Type | |
| Mountable rail type | | G32-15 | | |
| | | TH35-7.5 | | |

End Stop, Metal

| | | |
|---|-------------|-------------|
| <p>U-F1/F2 can fix two sides of high current terminal blocks, with reasonable structure, easy operation, better result.</p> | | |
| | U-F1 | U-F2 |
| Dimensions | | |
| Width x Length x Height(mm) | 44/10/18 | 44/10/28 |
| DIN Rails | | Type |
| Mountable rail type | | TH35-7.5 |
| <p>It modern industry of equipment manufacturing, electric connections shall have clear labels, our VK-B1/ B2,E/VK, E/VK1 labeling products can meet with these requirements, U-F1/F2 can fix terminal block at the rail.</p> | | |
| | KLM-A | 35-5 |
| Dimensions | | |
| Width x Length x Height(mm) | 47.5/9.5/38 | 49/5.2/35.5 |

End Clapboard



D-VK1.5



D-VK-2.5G



D-VK4/10



D-VK16N



D-TWIN3/5



D-RETURN3/5



D-VDK4



D-VRTK/S

Clapboard



TS-KK3



TS-K



D-MBKKB2.5



D-VKK3/5

Grouping Clapboard



ATP-VK

Mark Tag



ZB10-5



ZB10-6

Accessories series

Internal Jumper



FBI 10-4



FBI 10-5



FBI 10-6



FBI 10-8



FBI 10-10



FBI 10-15



FBI 10-20

External Jumper



EB10-5



EB10-6



EB10-8



EB10-12



ZB10-8



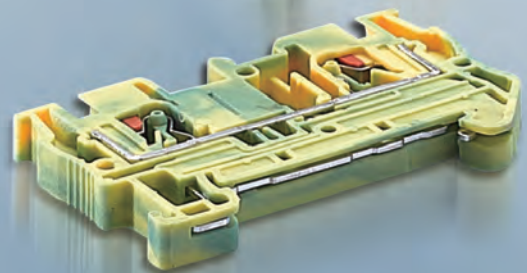
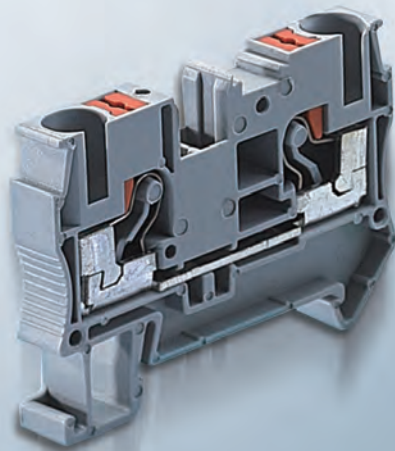
ZB10-10

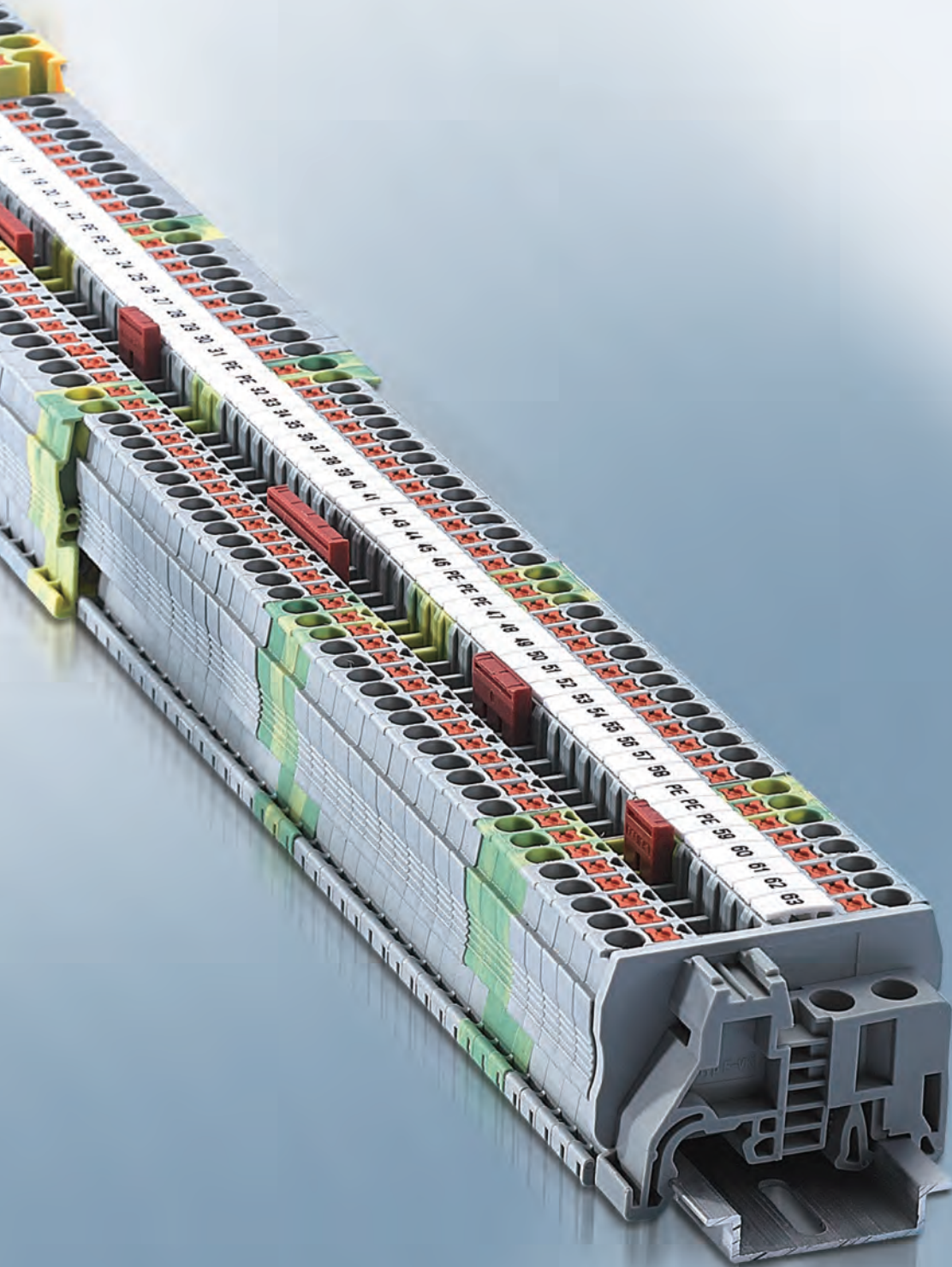


ZB10-12

ETAK

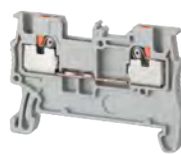
VPT SERIES DIN RAILS SPRING CLAMP
TERMINAL BLOCKS







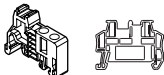




Spring Clamp Terminal Blocks

These terminal blocks offer a time saving alternative to the popular screw clamp connection. They can be mounted on 35mm DIN rails. Insulated push-in type jumpers offer a quick and shock proof solution for most cross-connection applications.



VPT 1.5/S

VPT 2.5

| | | | |
|--|---|---|---|
| Dimensions | | | |
| Width x Length x Height(mm) | | 45.7/3.5/31 | 48.6/5.2/35.5 |
| Stripping length(mm) | | 8-10 | |
| Parameter | | | |
| Voltage rating(V) | | 500 | 800 |
| Current rating(A) | | 17.5 | 24 |
| Wire section(mm ²) | | 1.5 | 2.5 |
| Max. load current/Wire section(A/mm ²) | | 17.5/1.5 | 28/4 |
| Wire Range | | | |
| Rigidity wire range(mm ²) | | 0.14-1.5 | 0.14-1.4 |
| Soft wire range(mm ²) | | 0.14-1.5 | 0.14-1.4 |
| End Clapboard | | Type | |
| |  | D-VPT1.5 | D-VPT2.5 |
| Jumper | | | |
| For electric separation of neighboring bridges can be fitted later, no loss of pitch |  | FBS 2-3.5 FBS 3-3.5 FBS 4-3.5 FBS 5-3.5 FBS 10-3.5 | FBS 2-5 FBS 3-5 FBS 4-5 FBS 5-5 FBS 10-5 |
| End Stop | | | |
| |  | E-VK 35-5 | |
| DIN Rails | | | |
| Mountable rail type |  | TH35-7.5 | |
| Mark Tag | | | |
| Blank |  | ZB 10-3 | ZB 10-5 |
| Pre-printed 10 no. Horz |  | | |
| Pre-printed 10 no. Vert |  | | |

Spring Clamp Terminal Blocks

| | | | |
|---|---|--|--|
| | | | |
| VPT 4 | VPT 6 | VPT 10 | VPT 16 |
| 56/6.2/35.5 | 58/8.2/42.2 | 67/10.2/50 | 76.3/12.2/53 |
| 10-12 | | 18 | 20 |
| 800 | | 1000 | |
| 32 | 41 | 57 | 76 |
| 4 | 6 | 10 | 16 |
| 36/6 | 52/10 | 70/16 | 85/25 |
| 0.2-6 | 0.5-10 | 0.5-16 | 0.5-25 |
| 0.2-6 | 0.5-10 | 0.5-16 | 0.5-25 |
| D-VPT4 | D-VPT6 | D-VPT10 | D-VPT16 |
| FBS 2-6 FBS 3-6 FBS 4-6 FBS 5-6 FBS 10-6 | FBS 2-8 FBS 3-8 FBS 4-8 FBS 5-8 FBS 10-8 | FBS 2-10 FBS 3-10 FBS 4-10 FBS 5-10 FBS 10-10 | FBS 2-12 FBS 3-12 FBS 4-12 FBS 5-12 FBS 10-12 |
| E-VK 35-5 | | | |
| TH35-7.5 | | | |
| ZB 10-6 | ZB 10-8 | ZB 10-10 | ZB 10-12 |
| | | | |
| | | | |

Spring Clamp Terminal Blocks



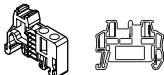




These terminal blocks offer a time saving alternative to the popular screw clamp connection.

They can be mounted on 35mm DIN rails. Insulated push-in type jumpers offer a quick and shock proof solution for most cross-connection applications.



VPT 2.5-TWIN

VPT 4-TWIN

| | | | |
|--|---|---|---|
| Dimensions | | | |
| Width x Length x Height(mm) | | 61/5.2/35.5 | 66.5/6.2/35.5 |
| Stripping length(mm) | | 8-10 | 10-12 |
| Parameter | | | |
| Voltage rating(V) | | 800 | |
| Current rating(A) | | 24 | 32 |
| Wire section(mm ²) | | 2.5 | 4 |
| Max. load current/Wire section(A/mm ²) | | 28/4 | 36/6 |
| Wire Range | | | |
| Rigidity wire range(mm ²) | | 0.14-4 | 0.2-6 |
| Soft wire range(mm ²) | | 0.14-4 | 0.2-6 |
| End Clapboard | | Type | |
| |  | D-VPT2.5-TWIN | D-VPT4-TWIN |
| Jumper | | | |
| For electric separation of neighboring bridges can be fitted later, no loss of pitch |  | FBS 2-5 FBS 3-5 FBS 4-5 FBS 5-5 FBS 10-5 | FBS 2-6 FBS 3-6 FBS 4-6 FBS 5-6 FBS 10-6 |
| End Stop | | | |
| |  | E-VK 35-5 | |
| DIN Rails | | | |
| Mountable rail type |  | TH35-7.5 | |
| Mark Tag | | | |
| Blank |  | ZB 10-5 | ZB 10-6 |
| Pre-printed 10 no. Horz |  | | |
| Pre-printed 10 no. Vert |  | | |

Spring Clamp Terminal Blocks

| | | | |
|---|---|---|---|
| | | | |
| VPT 2.5-QUATTRO | VPT 4-QUATTRO | VPTTB 1.5/S | VPTTB 2.5 |
| 72/5.2/35.5 | 77/6.2/35.3 | 65.7/3.5/41.4 | 68.8/5.2/46 |
| 8-10 | 10-12 | 8-10 | |
| 800 | | 500 | |
| 24 | 32 | 16 | 22 |
| 2.5 | 4 | 1.5 | 2.5 |
| 28/4 | 36/6 | 16/1.5 | 26/4 |
| 0.14-4 | 0.2-6 | 0.14-1.5 | 0.14-4 |
| 0.14-4 | 0.2-6 | 0.14-1.5 | 0.14-4 |
| D-VPT2.5-QUATTRO | D-VPT4-QUATTRO | D-VPTTB1.5/S | D-VPTTB2.5 |
| FBS 2-5 FBS 3-5 FBS 4-5 FBS 5-5 FBS 10-5 | FBS 2-6 FBS 3-6 FBS 4-6 FBS 5-6 FBS 10-6 | FBS 2-3.5 FBS 3-3.5 FBS 4-3.5 FBS 5-3.5 FBS 10-3.5 | FBS 2-5 FBS 3-5 FBS 4-5 FBS 5-5 FBS 10-5 |
| E-VK 35-5 | | | |
| TH35-7.5 | | | |
| ZB 10-5 | ZB 10-6 | ZB 10-3.5 | ZBFM5 |
| | | | |
| | | | |



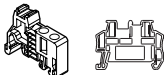




Spring Clamp Terminal Blocks

These terminal blocks offer a time saving alternative to the popular screw clamp connection. They can be mounted on 35mm DIN rails. Insulated push-in type jumpers offer a quick and shock proof solution for most cross-connection applications.



VPTTB 2.5-PV

VPTTB 4

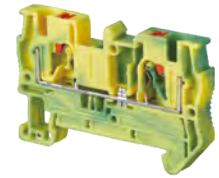
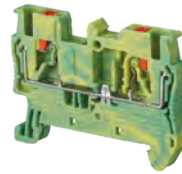
| | | |
|--|---|--|
| Dimensions | | |
| Width x Length x Height(mm) | 68.8/5.2/46 | 83.5/6.2/46 |
| Stripping length(mm) | 8-10 | 10-12 |
| Parameter | | |
| Voltage rating(V) | 500 | 800 |
| Current rating(A) | 22 | 28 |
| Wire section(mm ²) | 2.5 | 4 |
| Max. load current/Wire section(A/mm ²) | 26/4 | 32/6 |
| Wire Range | | |
| Rigidity wire range(mm ²) | 0.14-4 | 0.2-6 |
| Soft wire range(mm ²) | 0.14-4 | 0.2-6 |
| End Clapboard | | Type |
|  | | D-VPTTB2.5 D-VPTTB4 |
| Jumper | | |
| For electric separation of neighboring bridges can be fitted later, no loss of pitch |  | FBS 2-5 FBS 3-5 FBS 2-6 FBS 3-6 FBS 4-5 FBS 5-5 FBS 10-5 FBS 4-6 FBS 5-6 FBS 10-6 |
| End Stop | | E-VK 35-5 |
|  | | |
| DIN Rails | | |
| Mountable rail type |  | TH35-7.5 |
| Mark Tag | | |
| Blank |  | ZBFM5 ZB 10-6 |
| Pre-printed 10 no. Horz |  | |
| Pre-printed 10 no. Vert |  | |

Spring Clamp Terminal Blocks

| | | | |
|---|-------------|------------------------------------|---|
| | | | |
| VPT 2.5-3L | VPT 2.5-3PV | VPTC4-HESI | VPTME 4 |
| 102/5.2/56.4 | | 67.8/8.2/35.3 | 70.8/6.2/49 |
| 8-10 | | | 10-12 |
| 500 | | | |
| 20 | | 63 | 24 |
| 2.5 | | 4 | |
| 24/4 | | 6.3 (current depends on fuse used) | 24/4 |
| 0.14-4 | | 0.2-6 | |
| 0.14-4 | | 0.2-4 | |
| D-VPT2.5-3L | D-VPT2.5-3L | D-VPTC4HESI | D-VPTME4 |
| FBS 2-5 FBS 3-5 FBS 4-5 FBS 5-5 FBS 10-5 | | | FBS 2-6 FBS 3-6 FBS 4-6 FBS 5-6 FBS 10-6 |
| E-VK 35-5 | | | |
| TH35-7.5 | | | |
| ZBFM5 | | | ZB 10-6 |
| | | | |
| | | | |

Spring Clamp Terminal Blocks

These terminal blocks offer a time saving alternative to the popular screw clamp connection. They can be mounted on 35mm DIN rails. Insulated push-in type jumpers offer a quick and shock proof solution for most cross-connection applications.



VPT 2.5-PE

VPT 4-PE

Dimensions

Width x Length x Height(mm)

48.5/5.2/35.5

56/6.2/35.5

Stripping length(mm)

8-10

10-12

Parameter

Voltage rating(V)

Current rating(A)

24

32

Wire section(mm²)

2.5

4

Max. load current/Wire section(A/mm²)

Wire Range

Rigidity wire range(mm²)

0.14-4

0.2-6

Soft wire range(mm²)

0.14-4

0.2-6

End Clapboard

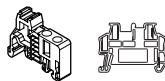
Type



D-VPT2.5

D-VPT4

End Stop



E-VK

35-5

DIN Rails

Mountable rail type



TH35-7.5

Mark Tag

Blank



ZB 10-5

ZB 10-6

Pre-printed 10 no. Horz



Pre-printed 10 no. Vert

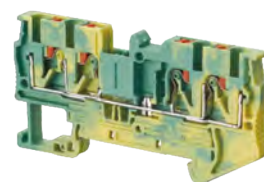
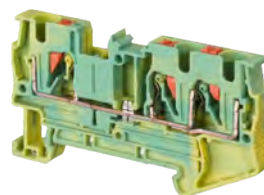


Spring Clamp Terminal Blocks

| | | | |
|--------------|----------------|--------------|-----------------|
| | | | |
| VPT 6-PE | VPT 10-PE | VPT 16-PE | VPT 2.5-TWIN-PE |
| 58/8.2/42.5 | 67.7/10.2/49.5 | 76.3/12.2/53 | 61/5.2/35.5 |
| 10-12 | 18 | 20 | 8-10 |
| 41 | 57 | 76 | 24 |
| 6 | 10 | 16 | 2.5 |
| 0.5-10 | 0.5-16 | 0.5-25 | 0.14-4 |
| 0.5-10 | 0.5-16 | 0.5-25 | 0.14-4 |
| D-VPT6 | D-VPT10 | D-VPT16 | D-VPT2.5-TWIN |
| E-VK 35-5 | | | |
| TH35-7.5 | | | |
| ZB 10-8 | ZB 10-10 | ZB 10-12 | ZB 10-5 |
| | | | |
| | | | |


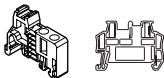




Spring Clamp Terminal Blocks

These terminal blocks offer a time saving alternative to the popular screw clamp connection. They can be mounted on 35mm DIN rails. Insulated push-in type jumpers offer a quick and shock proof solution for most cross-connection applications.



VPT 4-TWIN-PE

VPT 2.5-QUATTRO-PE

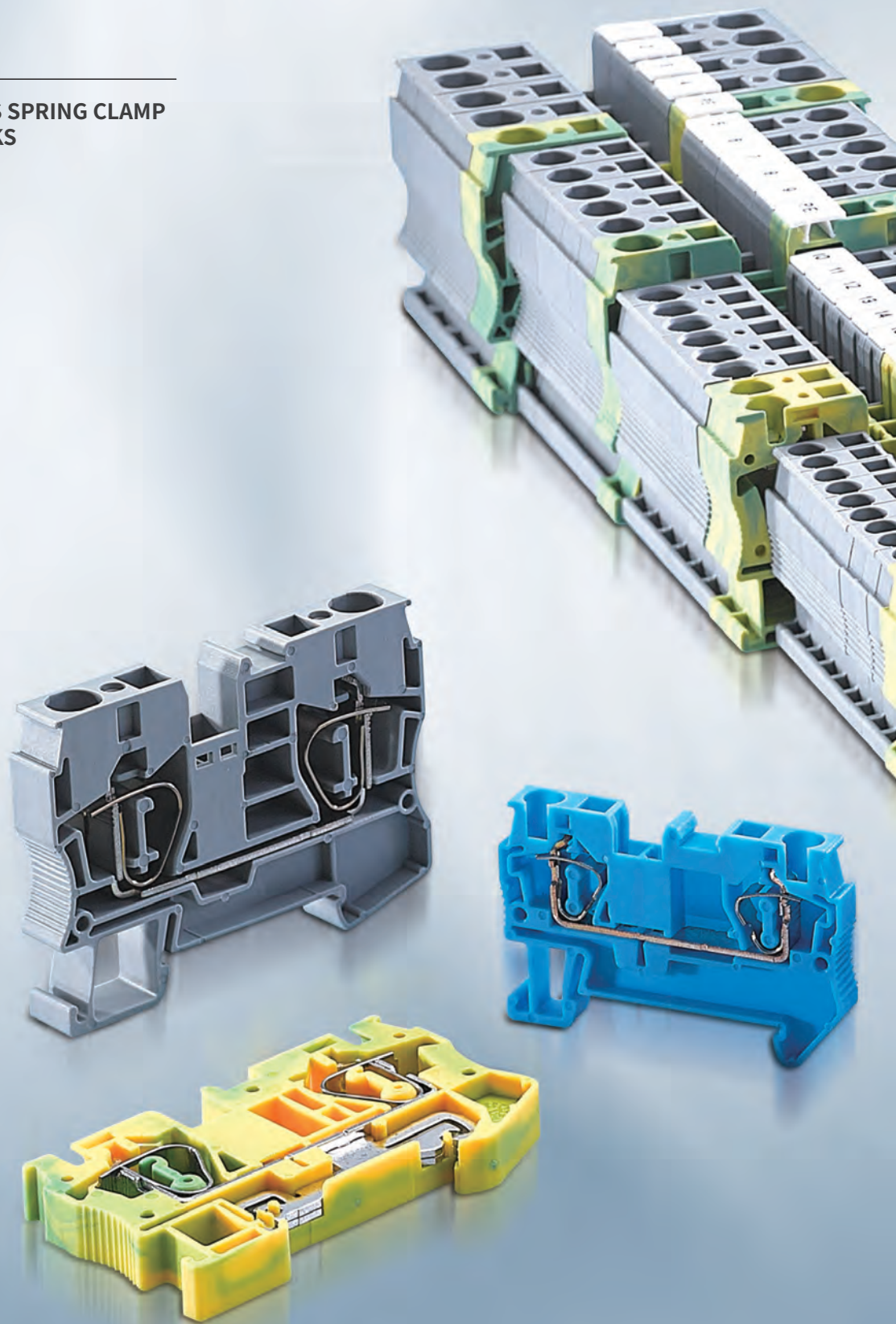
| | | |
|---|---|------------------|
| Dimensions | | |
| Width x Length x Height(mm) | 66.5/6.2/35.5 | 72/5.2/35.5 |
| Stripping length(mm) | 10-12 | 8-10 |
| Parameter | | |
| Voltage rating(V) | | |
| Current rating(A) | 32 | 24 |
| Wire section(mm ²) | 4 | 2.5 |
| Max. load current/Wire section(A/mm ²) | | |
| Wire Range | | |
| Rigidity wire range(mm ²) | 0.2-6 | 0.14-4 |
| Soft wire range(mm ²) | 0.2-6 | 0.14-4 |
| End Clapboard | Type | |
|  | D-VPT4-TWIN | D-VPT2.5-QUATTRO |
| End Stop | E-VK 35-5 | |
|  | | |
| DIN Rails | | |
| Mountable rail type | TH35-7.5 | |
|  | | |
| Mark Tag | | |
| Blank |  | ZB 10-6 |
| Pre-printed 10 no. Horz |  | |
| Pre-printed 10 no. Vert |  | |
| | | ZB 10-5 |

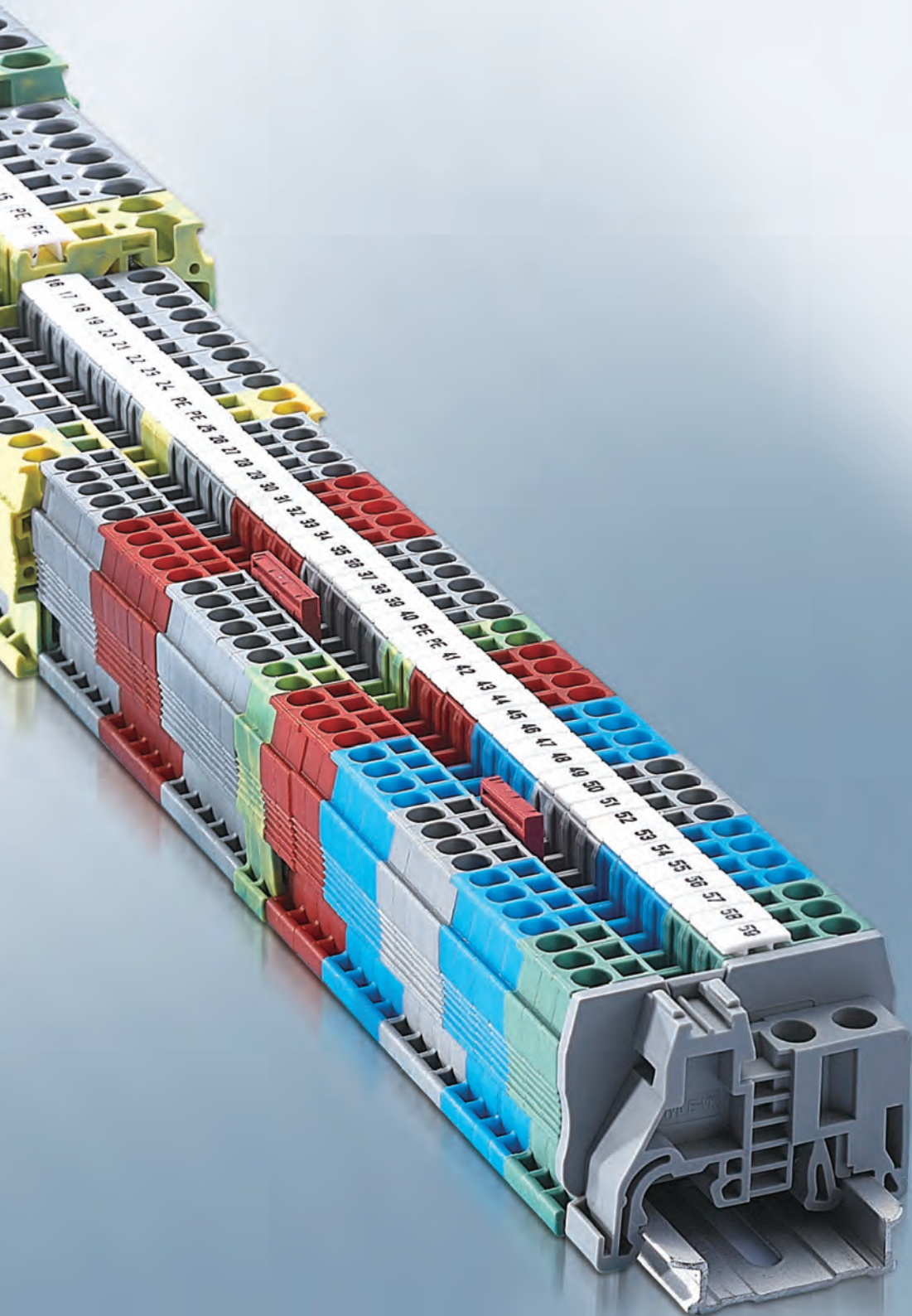
Spring Clamp Terminal Blocks

| | | | |
|------------------|---------------|---------------|--------------|
| | | | |
| VPT 4-QUATTRO-PE | VPTTB 2.5-PE | VPTTB 2.5-PE | VPT 2.5-3PE |
| 77/6.2/35.3 | 48.5/5.2/35.5 | 48.5/5.2/35.5 | 102/5.2/56.4 |
| | 10-12 | | 8-10 |
| 32 | | 24 | 20 |
| 4 | | 2.5 | 2.5 |
| 0.2-6 | | 0.14-4 | |
| 0.2-6 | | 0.14-4 | |
| D-VPT4-QUATTRO | D-VPTTB2.5 | D-VPTTB2.5 | D-VPT2.5-3L |
| | | E-VK | |
| | | 35-5 | |
| | | TH35-7.5 | |
| ZB 10-6 | ZB 10-5 | ZB 10-5 | ZBFM5 |
| | | | |
| | | | |

ETAK

VST SERIES DIN RAILS SPRING CLAMP
TERMINAL BLOCKS

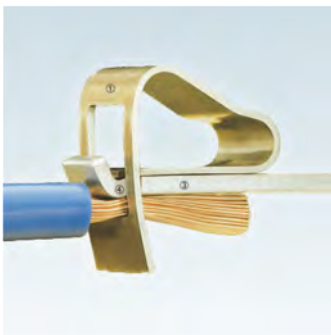




Technology Innovation

We are devoting ourselves to technical innovation for electric connectors, VST series cage type spring terminal can serve with human-machine operating demand, its spring pressure instead of terminal screw for connecting conductor, which will give so much outstanding benefit to users. The terminals and connectors made by CMSMS company, can accommodate the length of the conductor to be inserted by itself, to provide best tightening strength for conductors with different sizes, no matter how much the wiring worker knew, it can guarantee safe and reliable connection every time. Meanwhile, even if in severe working conditions, our products can still with stand corrosiveness, vibration, and temperature well.

The Difference of Installation Between Cage Type Spring Terminal Blocks and Screw Terminal Blocks



Screw connection tightness depends on the operator, influenced by the operator and default of screwdriver.

When on assembly site its tightness can't be guaranteed further.

Automatic clamping of cage type spring terminal make learner able to perform good connection, everyone can do exquisite wiring connections, but only standard screwdriver needed, this terminal can be connected on front or side face.

Cost and Performance Ratio of Cage Type Spring Terminals



Not like screw terminal, after being connected the cage type spring terminals does not need inspect its looseness and tighten up screw due to vibration, temperature circulation, broke strand and etc. solid reliability of cage spring terminal will reduce the off-duty time and repairs.

Statistically approximate 35-50% repairs resulted from bad connection, in consideration of high repair cost and losing working time, consequently this advantage is very useful.

Holding Force and of Cage Spring and Out Standing Feature of Test Lab

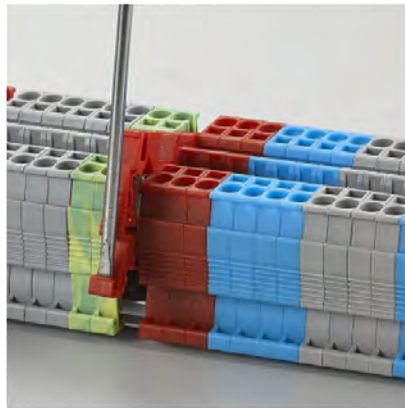
Most of test labs will require the lowest holding force for screw type and screw less terminals, as per Pic 1, the pulling force on connection with cage type terminal can completely meet with requirements, and further more than specified value.

Advantages of Cage Spring Terminal

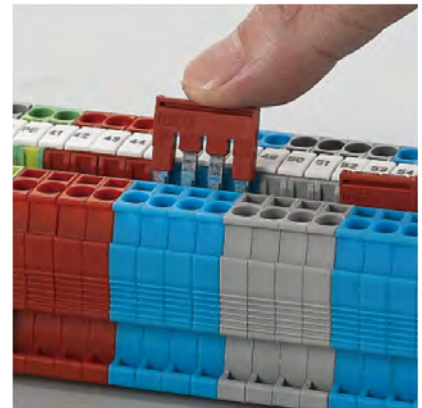
Spring distortion will be restricted from upper surface of cage and a plate of insulating parts in enclosure, to prevent spring being distorted too much, consequently even if operator without any experiences, can't damage the spring.



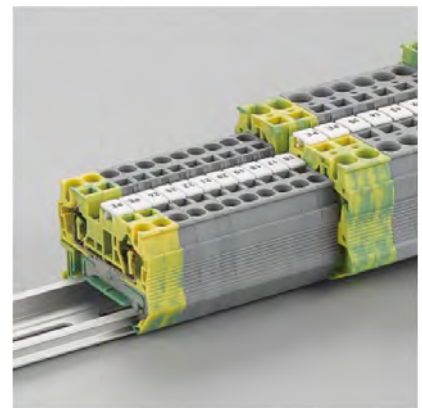
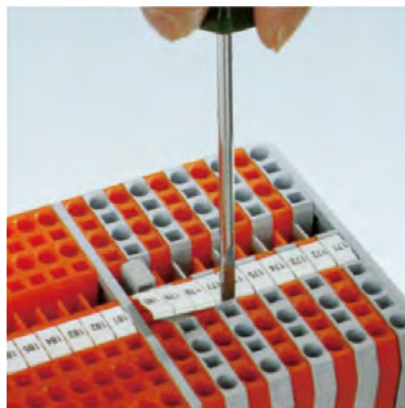
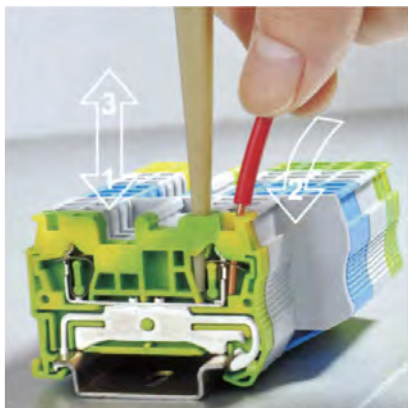
Mount on DIN rails (as picture, the pressing foot of grounding terminal connected to railway already).



Remove from DIN rails.



Jumper to bridge-connected, the jumper shall be completely pressed into this terminal, it is suitably mounted railway TH35-7.5





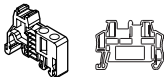




Spring Clamp Terminal Blocks

These terminal blocks offer a time saving alternative to the popular screw clamp connection. They can be mounted on 35mm DIN rails. Insulated push-in type jumpers offer a quick and shock proof solution for most cross-connection applications.



VST 1.5

VST 2.5

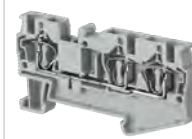
| | | | |
|--|---|---|---|
| Dimensions | | | |
| Width x Length x Height(mm) | | 45/3.5/30.5 | 48.5/5.2/35.5 |
| Stripping length(mm) | | 8-10 | |
| Parameter | | | |
| Voltage rating(V) | | 500 | 800 |
| Current rating(A) | | 17.5 | 24 |
| Wire section(mm ²) | | 1.5 | 2.5 |
| Max. load current/Wire section(A/mm ²) | | 17.5/1.5 | 31/4 |
| Wire Range | | | |
| Rigidity wire range(mm ²) | | 0.08-1.5 | 0.08-4 |
| Soft wire range(mm ²) | | 0.08-1.5 | 0.08-2.5 |
| End clapboard | | Type | |
| |  | D-VST2.5 | |
| Jumper | | | |
| For electric separation of neighboring bridges can be fitted later, no loss of pitch |  | FBS 2-4 FBS 3-4 FBS 4-4 FBS 5-4 FBS 10-4 | FBS 2-5 FBS 3-5 FBS 4-5 FBS 5-5 FBS 10-5 |
| End Stop | | Type | |
| |  | E-VK 35-5 | |
| DIN Rails | | Type | |
| Mountable rail type |  | TH35-7.5 | |
| Mark Tag | | | |
| Blank |  | ZB 10-4 | ZB 10-5 |
| Pre-printed 10 no. Horz |  | | |
| Pre-printed 10 no. Vert |  | | |

Spring Clamp Terminal Blocks

| | | | |
|---|---|--|--|
| | | | |
| VST 4 | VST 6 | VST 10 | VST 16 |
| 56/6.2/35.5 | 69.5/8.2/42.5 | 71.5/10.2/50 | 80/12.2/51 |
| 8-10 | 12 | 18 | |
| 800 | 1000 | | |
| 32 | 41 | 57 | 76 |
| 4 | 6 | 10 | 16 |
| 40/6 | 52/10 | 65/16 | 90/25 |
| 0.08-6 | 0.2-10 | 0.2-16 | 0.2-25 |
| 0.08-4 | 0.2-6 | 0.2-10 | 0.2-16 |
| D-VST4 | D-VST6 | D-VST10 | D-VST16 |
| FBS 2-6 FBS 3-6 FBS 4-6 FBS 5-6 FBS 10-6 | FBS 2-8 FBS 3-8 FBS 4-8 FBS 5-8 FBS 10-8 | FBS 2-10 FBS 3-10 FBS 4-10 FBS 5-10 FBS 10-10 | FBS 2-12 FBS 3-12 FBS 4-12 FBS 5-12 FBS 10-12 |
| E-VK 35-5 | | | |
| TH35-7.5 | | | |
| ZB 10-6 | ZB 10-8 | ZB 10-10 | |
| | | | |
| | | | |

Spring Clamp Terminal Blocks



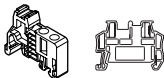




These terminal blocks offer a time saving alternative to the popular screw clamp connection. They can be mounted on 35mm DIN rails. Insulated push-in type jumpers offer a quick and shock proof solution for most cross-connection applications.



VST1.5-TWIN

VST2.5-TWIN

VST4-TWIN

| | | | |
|--|---|---|---|
| Dimensions | | | |
| Width x Length x Height(mm) | 60.5/4.2/35.5 | 60.5/5.2/35.5 | 71.5/6.2/35.5 |
| Stripping length(mm) | 8-10 | | |
| Parameter | | | |
| Voltage rating(V) | 500 | 800 | |
| Current rating(A) | 17.5 | 24 <small>(The connecting wire is 4mm²)</small> | 32 <small>(The connecting wire is 6mm²)</small> |
| Wire section(mm ²) | 1.5 | 2.5 | 4 |
| Max. load current/Wire section(A/mm ²) | 17.5/1.5 | 28/4 | 40/6 |
| Wire Range | | | |
| Rigidity wire range(mm ²) | 0.08-1.5 | 0.08-4 | 0.08-6 |
| Soft wire range(mm ²) | 0.08-1.5 | 0.08-2.5 | 0.08-4 |
| End Clapboard | | Type | |
|  | | D-VST2.5-TWIN | D-VST4-TWIN |
| Jumper | | | |
| For electric separation of neighboring bridges can be fitted later, no loss of pitch |  | FBS 2-5 FBS 3-5 FBS 4-5 FBS 5-5 FBS 10-5 | FBS 2-6 FBS 3-6 FBS 4-6 FBS 5-6 FBS 10-6 |
| End Stop | | Type | |
|  | | E-VK 35-5 | |
| DIN Rails | | | |
| Mountable rail type |  | TH35-7.5 | |
| Mark Tag | | | |
| Blank |  | ZB 10-4 | ZB 10-6 |
| Pre-printed 10 no. Horz |  | | |
| Pre-printed 10 no. Vert |  | | |

Spring Clamp Terminal Blocks

| | | | |
|---|--|--|--|
| | | | |
| VST6-TWIN | VST2.5-QUATTRO | VST4-QUATTRO | VSTTB 2.5 |
| 91/8.2/43.5 | 72/5.2/35.5 | 87/6.2/35.5 | 67.5/5.2/46 |
| 12 | | 8-10 | |
| 1000 | 800 | | 500 |
| 41 (The connecting wire is 10mm ²) | 24 (The connecting wire is 4mm ²) | 32 (The connecting wire is 6mm ²) | 22 (The connecting wire is 4mm ²) |
| 6 | 2.5 | 4 | 2.5 |
| 52/10 | 28/4 | 40/6 | 26/4 |
| 0.2-10 | 0.08-4 | 0.08-6 | 0.08-4 |
| 0.2-6 | 0.08-2.5 | 0.08-4 | 0.08-2.5 |
| D-VST6-TWIN | D-VST2.5-QUATTRO | D-VST4-QUATTRO | D-VSTTB 2.5 |
| FBS 2-8 FBS 3-8 FBS 4-8 FBS 5-8 FBS 10-8 | FBS 2-5 FBS 3-5 FBS 4-5 FBS 5-5 FBS 10-5 | FBS 2-6 FBS 3-6 FBS 4-6 FBS 5-6 FBS 10-6 | FBS 2-5 FBS 3-5 FBS 4-5 FBS 5-5 FBS 10-5 |
| E-VK 35-5 | | | |
| TH35-7.5 | | | |
| ZB 10-8 | ZB 10-5 | ZB 10-6 | ZBFM5 |
| | | | |
| | | | |

Spring Clamp Terminal Blocks



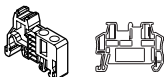




These terminal blocks offer a time saving alternative to the popular screw clamp connection. They can be mounted on 35mm DIN rails. Insulated push-in type jumpers offer a quick and shock proof solution for most cross-connection applications.



VSTTB 2.5PV

VSTTB 4

VSTTB 4PV

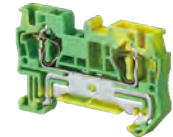
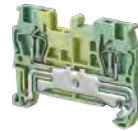
| | | | |
|--|---|---|---|
| Dimensions | | | |
| Width x Length x Height(mm) | 67.5/5.2/46 | | 83.5/6.2/46 |
| Stripping length(mm) | 8-10 | | |
| Parameter | | | |
| Voltage rating(V) | 500 | | |
| Current rating(A) | 22 | 30 | |
| Wire section(mm ²) | 2.5 | 4 | |
| Max. load current/Wire section(A/mm ²) | 26/4 | 32/6 | |
| Wire Range | | | |
| Rigidity wire range(mm ²) | 0.08-4 | 0.08-6 | |
| Soft wire range(mm ²) | 0.08-2.5 | 0.08-4 | |
| End Clapboard | | Type | |
|  | | D-VSTTB 2.5 | D-VSTTB 4 |
| Jumper | | | |
| For electric separation of neighboring bridges can be fitted later, no loss of pitch |  | FBS 2-5 FBS 3-5 FBS 4-5 FBS 5-5 FBS 10-5 | FBS 2-6 FBS 3-6 FBS 4-6 FBS 5-6 FBS 10-6 |
| End Stop | | E-VK 35-5 | |
|  | | | |
| DIN Rails | | | |
| Mountable rail type |  | TH35-7.5 | |
| Mark Tag | | | |
| Blank |  | ZBFM5 | ZBFM6 |
| Pre-printed 10 no. Horz |  | | |
| Pre-printed 10 no. Vert |  | | |

Spring Clamp Terminal Blocks

| | | | |
|---|-------------|---|--------------|
| | | | |
| VST 2.5-3L | VST 2.5-3PV | VST4-HESI | VST4-HESILED |
| 99.8/5.2/56.7 | | 61.5/6.2/62.5 | |
| 8-10 | | | |
| 500 | | | |
| 20 | | 6.3 | |
| 2.5 | | 4 | |
| 28/4 | | | |
| 0.08-4 | | 0.08-6 | |
| 0.08-2.5 | | 0.08-4 | |
| D-VST 2.5-3L | | | |
| FBS 2-5 FBS 3-5 FBS 4-5 FBS 5-5 FBS 10-5 | | FBS 2-6 FBS 3-6 FBS 4-6 FBS 5-6 FBS 10-6 | |
| E-VK 35-5 | | | |
| TH35-7.5 | | | |
| ZBFM5 | | ZB 10-6 | |
| | | | |
| | | | |

Spring Clamp Terminal Blocks

These terminal blocks offer a time saving alternative to the popular screw clamp connection. They can be mounted on 35mm DIN rails. Insulated push-in type jumpers offer a quick and shock proof solution for most cross-connection applications.



VST1.5-PE

VST2.5-PE

VST4-PE

Dimensions

| | | | |
|-----------------------------|---------------|---------------|-------------|
| Width x Length x Height(mm) | 48.5/4.2/35.5 | 48.5/5.2/35.5 | 56/6.2/35.5 |
| Stripping length(mm) | 8-10 | | |

Parameter

| | | | |
|--------------------------------|------|-----|----|
| Current rating(A) | 17.5 | 24 | 32 |
| Wire section(mm ²) | 1.5 | 2.5 | 4 |

Wire Range

| | | | |
|---------------------------------------|----------|----------|--------|
| Rigidity wire range(mm ²) | 0.08-1.5 | 0.08-4 | 0.08-6 |
| Soft wire range(mm ²) | 0.08-1.5 | 0.08-2.5 | 0.08-4 |

End Clapboard

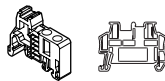


D-VST1.5

D-VST2.5

D-VST4

End Stop



E-VK
35-5

DIN Rails

Mountable rail type



TH35-7.5

Mark Tag

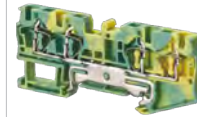
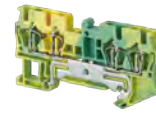
| | | | |
|-------------------------|--|---------|---------|
| Blank | | ZB 10-5 | ZB 10-6 |
| Pre-printed 10 no. Horz | | | |
| Pre-printed 10 no. Vert | | | |

Spring Clamp Terminal Blocks

| | | | |
|---------------|--------------|----------------|---------------|
| | | | |
| VST6-PE | VST10-PE | VST2.5-TWIN-PE | VST4-TWIN-PE |
| 69.5/8.2/42.5 | 71.5/10.2/50 | 60.5/5.2/35.5 | 71.5/6.2/35.5 |
| 12 | 18 | 8-10 | |
| 41 | 57 | 24 | 32 |
| 6 | 10 | 2.5 | 4 |
| 0.2-10 | 0.2-16 | 0.08-4 | 0.08-6 |
| 0.2-6 | 0.2-10 | 0.08-2.5 | 0.08-4 |
| D-VST6 | D-VST10 | D-VST2.5-TWIN | D-VST4-TWIN |
| E-VK 35-5 | | | |
| TH35-7.5 | | | |
| ZB 10-8 | | ZB 10-5 | |
| | | | |
| | | | |

Spring Clamp Terminal Blocks

These terminal blocks offer a time saving alternative to the popular screw clamp connection. They can be mounted on 35mm DIN rails. Insulated push-in type jumpers offer a quick and shock proof solution for most cross-connection applications.



VST2.5-QUATTRO-PE

VST4-QUATTRO-PE

VSTTB2.5-PE

Dimensions

| | | | |
|-----------------------------|-------------|-------------|-------------|
| Width x Length x Height(mm) | 72/5.2/35.5 | 87/6.2/35.5 | 67.5/5.2/46 |
| Stripping length(mm) | 8-10 | | |

Parameter

| | | | |
|---------------------------------------|----------|--------|----------|
| Current rating(A) | 24 | 32 | 22 |
| Wire section(mm ²) | 2.5 | 4 | 2.5 |
| Wire Range | | | |
| Rigidity wire range(mm ²) | 0.08-4 | 0.08-6 | 0.08-4 |
| Soft wire range(mm ²) | 0.08-2.5 | 0.08-4 | 0.08-2.5 |

End Clapboard

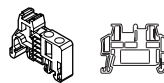


D-VST2.5-QUATTRO

D-VST4-QUATTRO

D-VSTTB 2.5

End Stop



E-VK
35-5

DIN Rails

Mountable rail type



TH35-7.5

Mark Tag

| | | | |
|-------------------------|--|---------|-------|
| Blank | | ZB 10-5 | ZBFM5 |
| Pre-printed 10 no. Horz | | | |
| Pre-printed 10 no. Vert | | | |

Jumper



FBS-4



FBS-5



FBS-6



FBS-8



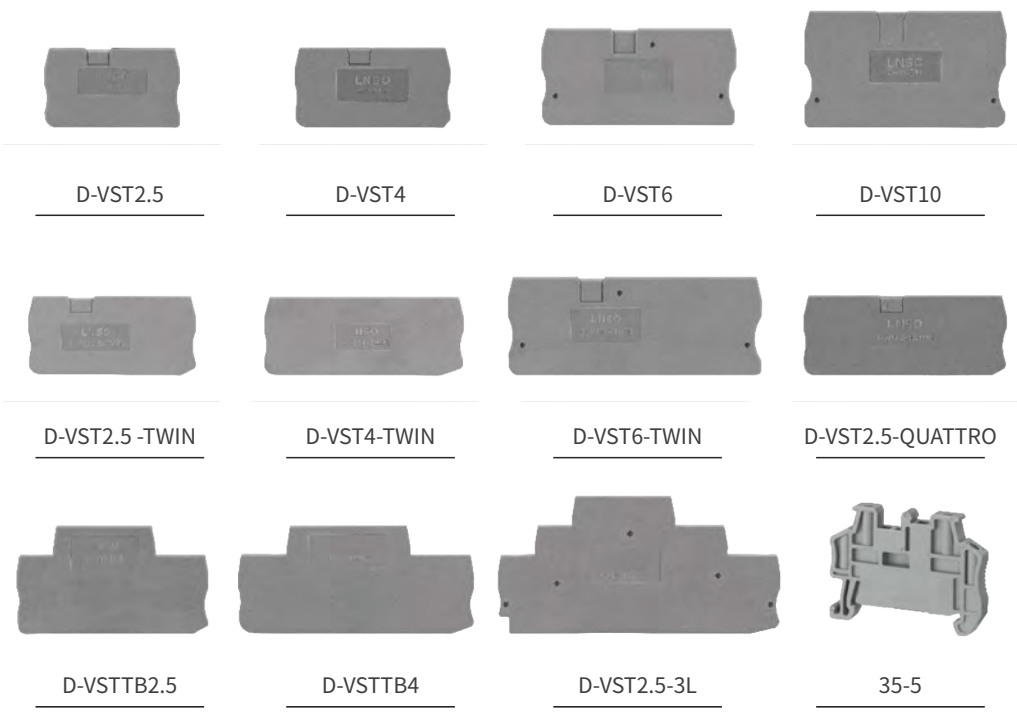
ZBFM5

Miniature Spring Clamp Terminal Blocks

| | | |
|--|---------------------|-----------|
| | | |
| | VST1-2.5 | VST1-2.5B |
| Dimensions | | |
| Width x Length x Height(mm) | 32/12/22.2 | |
| Stripping length(mm) | 8 | |
| Parameter | | |
| Voltage rating(V) | 800 | |
| Current rating(A) | 24 | |
| Wire section(mm ²) | 2.5 | |
| Max. load current/Wire section(A/mm ²) | | |
| Wire Range | | |
| Rigidity wire range(mm ²) | 0.2-2.5 | |
| Soft wire range(mm ²) | | |
| End Clapboard | Type | |
| | VST1-2.5G VST1-B | |

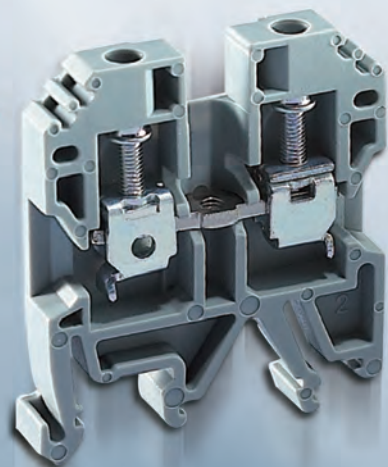
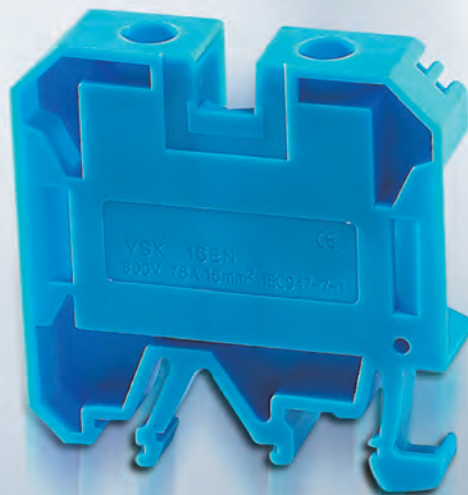
Accessories for VST

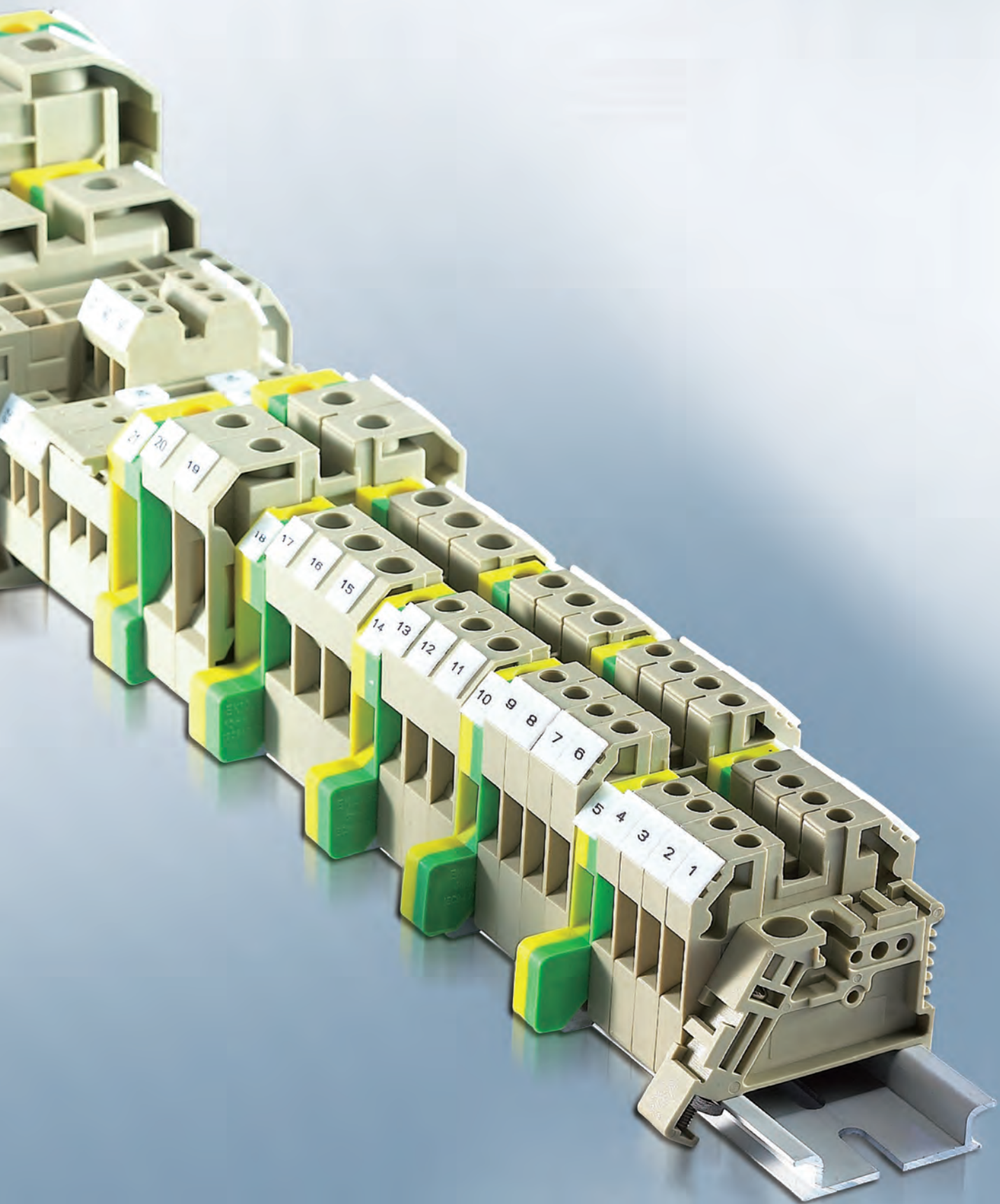
End Clapboard



ETAK

VSK SERIES DIN RAILS SCREW CLAMP
TERMINAL BLOCKS



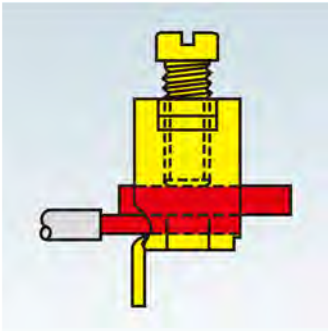


Wiring Systems

The task of wiring system is used to perform mechanical and electric connection solidly and reliably. LNSO wire pressing frame can realize this function effectively.

This frame is made of steel being quenched and galvanized, able to withstand large torque from screw, press the conductor firmly. Copper conductive plate coated with Tin-Pb alloy, to ensure the air sealing, low resistance, solidness of the connection.

This wiring system has the advantages as below:



- Large contact area, large contacting pressure, horizontally extend to be connected freely.
- Self-locked, anti-shake, loose proof.
- Side test hole can be mounted, maintenance not needed.
- Air sealed at contacting point completely, anti-corrosion.
- The connection of multiple stranded cable does not need lug/connector, can be connected directly.
- Easy to use.
- Worldwide used.

Conductive Busbar



The conductive busbar is made of copper with coating of tin-silver alloy which have good electric conductive and anti-corrosive performances, nickel layer will be plated on tin-silver coating in order to prevent tin atom from desquamating.

Wire Compressing Frame



The wire compressing frame made of soft steel which has been treat with cementite, galvanization, and chromic acid passivated ways, finally it not only has good mechanical performances, also high anticorrosive characteristics not lower than copper made frame.

Screw and Wire Compressing Frame Assembly



VSK screw and wire compressing frame assembly made by our company can engender 750N contacting force by a torque of 0.8Nm applied to the screw.

This can guarantee technical requirement and reliability on connection. Please use proper tool, torque shall be controlled within specified range, to avoid being damaged.

Low Voltage Drop

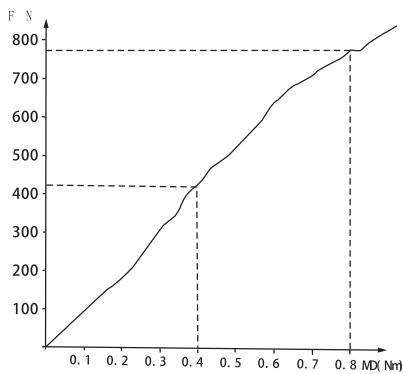
The voltage drop value of contacting point is also a factor to identify the quality of electric connection.

Even if the screw is turned by use of small torque, the voltage drop value will still be much smaller than the limit of requirement.

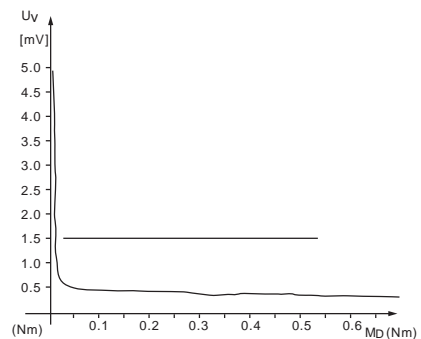
Meanwhile the large change of applied torque will make the voltage drop hardly to change.

Consequently even if different operator uses different torque to fix, it will not have influence on the effect of connection, which is a proof that our wire pressing frame is really effective.




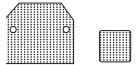


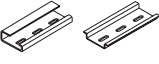



Illustration between contacting pressure and torsional torque MD of VSK-2.5 wire compressing frame.



Voltage drop and torque of a crimping frame for VSK-2.5 Schematic diagram of MD relationship, wire: H07V-U2.5



Universal Terminal Blocks

| | | | | |
|---------------------------------------|---|---|---|---|
| | |  |  |  |
| | | VSK-2.5EN | VSK-4EN | VSK-6EN |
| Dimensions | | | | |
| Width x Length x Height(mm) | | 40/6/41 | 40/6.5/46 | 40/8/46 |
| Nominal screw diameter(mm) | | M2.5 | M3 | M3.5 |
| Torque(Nm) | | 0.4-0.6 | 0.5-1.0 | 0.8-1.6 |
| Stripping length(mm) | | 10 | 12 | |
| Parameter | | | | |
| Voltage rating(V) | | 800 | | |
| Current rating(A) | | 24 | 32 | 41 |
| Wire section(mm ²) | | 2.5 | 4 | 6 |
| Connecting Capacity | | | | |
| Rigidity wire range(mm ²) | | 0.5-4 | 0.5-6 | 0.5-10 |
| Soft wire range(mm ²) | | 0.5-2.5 | 0.5-4 | 0.5-6 |
| Clapboard, 1.5mm | | Type | | |
| Clapboard |  | AP-2.5 VSK-GP1 | AP-4/10 VSK-GP1 | AP-4/10 VSK-GP1 |
| Jumper | | | | |
| 10 links |  | VSK-2.5Q/10 | VSK-4Q/10 | VSK-6Q/10 |
| 3 links | | VSK-2.5Q/3 | VSK-4Q/3 | VSK-6Q/3 |
| 2 links | | VSK-2.5Q/2 | VSK-4Q/2 | VSK-6Q/2 |
| End Stop | |  | EW35 | |
| DIN Rails | | | | |
| Mountable rail type | |  | TH35-7.5 G32-15 | |
| Mark Tag | | | | |
| Blank | |  | VSB | |
| Pre-printed 10 no. Horz | |  | VSB (Horizontal) | |
| Pre-printed 10 no. Vert | |  | VSB (Vertical) | |

Remarks: This series of products can be ordered in any combination, and the gray model is JXB series.

Universal Terminal Blocks



VSK-10EN

VSK-16EN

VSK-35EN

VSK-70EN

40/10/46

50/12/52

58.5/18/62

77/22/79

M4

M6

M6 (Hexagon)

2.0-2.4

2.5-5.0

6.0-12

12

15

20

24

800

57

76

125

192

10

16

35

70

1.5-16

4-16

4-50

16-70

1.5-10

4-35

AP-4/10

AP-16

AP-35

AP-70

VSK-GP1

VSK-GP1

VSK-10Q/10

VSK-16Q/10

VSK-35Q/10

VSK-70Q/10

VSK-10Q/3

VSK-16Q/3

VSK-35Q/3

VSK-70Q/3

VSK-10Q/2

VSK-16Q/2

VSK-35Q/2

VSK-70Q/2

EW35

TH35-7.5

G32-15

VSB










VSB (Horizontal)

VSB (Vertical)









Test Terminal Blocks / Double Layer Mutual Link Terminal Blocks

| | | | | |
|---------------------------------------|---|---|---|---|
| | |  |  |  |
| | | WTL6/1 | DK4Q/35 | DK4Q/35L |
| Dimensions | | | | |
| Width x Length x Height(mm) | | 71/8/51 | | 55.5/6.2/56 |
| Nominal screw diameter(mm) | | M3.5 | | M3 |
| Torque(Nm) | | 0.8-1.6 | | 0.5-1.0 |
| Stripping length(mm) | | 12 | | 9 |
| Parameter | | | | |
| Voltage rating(V) | | 630 | | 500 |
| Current rating(A) | | 41 | | 32 |
| Wire section(mm ²) | | 6 | | 4 |
| Connecting Capacity | | | | |
| Rigidity wire range(mm ²) | | 0.5-10 | | 0.5-6 |
| Soft wire range(mm ²) | | | | 0.5-4 |
| Clapboard, 1.5mm | | Type | | |
| Clapboard |  | AP-WTL6/1 | | AP-DK4Q |
| Jumper | | | | |
| 10 links |  | | | DK4Q-35Q/10 |
| 3 links | | | | DK4Q-35Q/3 |
| 2 links | | | | DK4Q-35Q/2 |
| End Stop | | | | |
| | |  | | EW35 |
| DIN Rails | | | | |
| Mountable rail type |  | | | TH35-7.5 G32-15 |
| Mark Tag | | | | |
| Blank | |  | | VSB |
| Pre-printed 10 no. Horz | |  | | VSB (Horizontal) |
| Pre-printed 10 no. Vert | |  | | VSB (Vertical) |






Fuse Terminal Blocks

| | | | |
|---------------------------------------|---|--|---|
| | |  |  |
| | | VSK-1EN | VSK-1ENLED |
| Dimensions | | | |
| Width x Length x Height(mm) | | 58/8/41.5 | |
| Nominal screw diameter(mm) | | M3 | |
| Torque(Nm) | | 0.5-1.0 | |
| Stripping length(mm) | | 9 | |
| Parameter | | | |
| Voltage rating(V) | | 500 | |
| Current rating(A) | | 6.3 | |
| Wire section(mm ²) | | 4 | |
| Connecting Capacity | | | |
| Rigidity wire range(mm ²) | | 0.5-4 | |
| Soft wire range(mm ²) | | | |
| Clapboard, 1.5mm | | Type | |
| Clapboard |  | AP-1EN | |
| Jumper | | | |
| 2 links |  | | |
| 3 links | | | |
| 10 links | | | |
| End Stop | | | |
| |  | EW35 | |
| DIN Rails | | | |
| Mountable rail type |  | TH35-7.5 | |
| | | G32-15 | |
| Mark Tag | | | |
| Blank |  | VSB | |
| Pre-printed 10 no. Horz |  | VSB (Horizontal) | |
| Pre-printed 10 no. Vert |  | VSB (Vertical) | |
| | | Fuse type 5x25 | |

Ground Terminal Blocks

| | | | |
|--------------------------------|---|---|---|
| |  |  |  |
| | EK 2.5/35 | EK 4/35 | EK 6/35 |
| Dimensions | | | |
| Width x Length x Height(mm) | 57/6/37 | 57/6.6/41 | 57/8/41.5 |
| Nominal screw diameter(mm) | M2.5 | M3 | M3.5 |
| Torque(Nm) | 0.4-0.8 | 0.5-1.0 | 0.8-1.6 |
| Stripping length(mm) | 10 | 12 | |
| Parameter | | | |
| Voltage rating(V) | 800 | | |
| Current rating(A) | 0.5-4 | 0.5-6 | 0.5-10 |
| Wire section(mm ²) | 0.5-2.5 | 0.5-4 | 0.5-6 |
| End Stop | | | |
| |  | EW35 | |
| DIN Rails | | | |
| Mountable rail type |  | TH35-7.5 | |
| Mark Tag | | | |
| Blank |  | VSB | |
| Pre-printed 10 no. Horz |  | VSB (Horizontal) | |
| Pre-printed 10 no. Vert |  | VSB (Vertical) | |

It modern industry of equipment manufacturing, electric connections shall have clear labels, our SCHAT3, SCHAT5, EW35 labeling products can meet with these requirements

| | | | |
|-----------------------------|---|---|---|
| |  |  |  |
| | SCHAT3 | SCHAT5 | EW35 |
| Dimensions | | | |
| Width x Length x Height(mm) | 43/9.5/35.5 | 42.4/15/43.2 | 46.6/8.3/30.6 |
| DIN Rails | | | |
| Mountable rail type |   | G32-15 TH35-7.5 | |

Ground Terminal Blocks



EK 10/35



EK 16/35

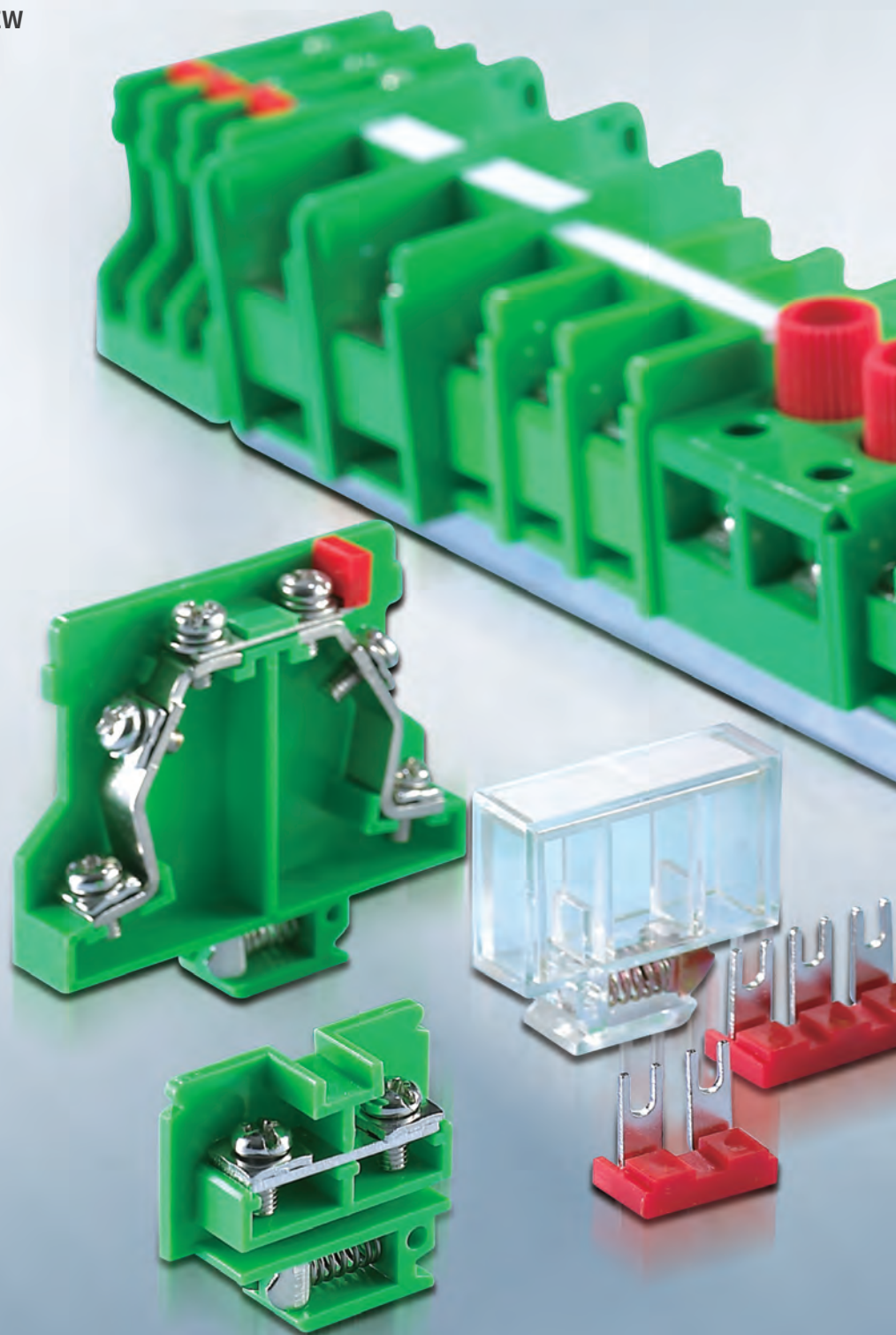


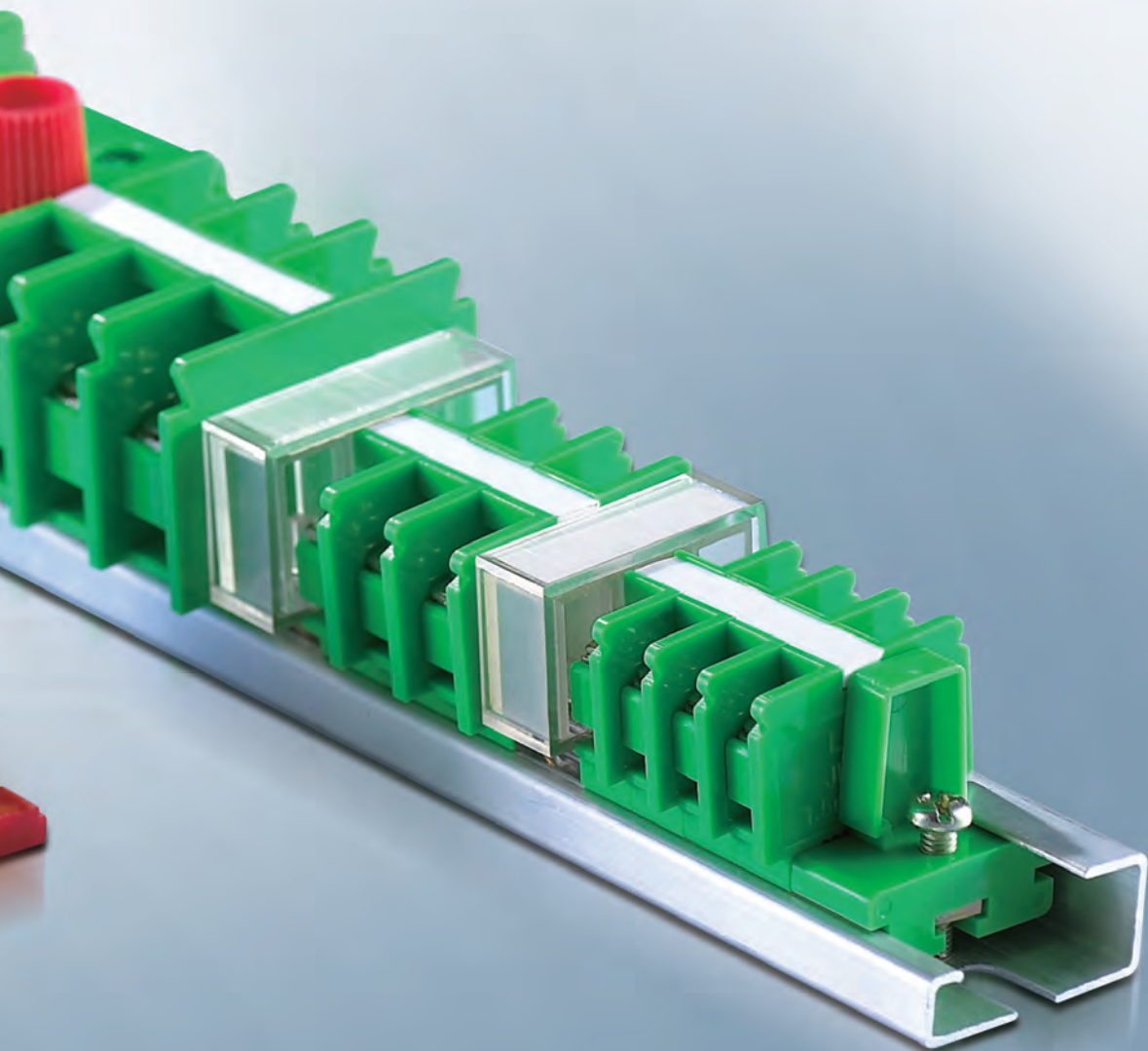
EK 35/35

| | | | | | | | | |
|------------------|--|--|------------|--|--|------------|--|--|
| 57/9.8/41 | | | 56.5/12/47 | | | 58.8/16/60 | | |
| M4 | | | M6 | | | | | |
| 2.0-2.4 | | | 2.5-5.0 | | | | | |
| 12 | | | 15 | | | 20 | | |
| | | | 800 | | | | | |
| 57 | | | 76 | | | 125 | | |
| 10 | | | 16 | | | 35 | | |
| EW35 | | | | | | | | |
| TH35-7.5 | | | | | | | | |
| VSB | | | | | | | | |
| VSB (Horizontal) | | | | | | | | |
| VSB (Vertical) | | | | | | | | |

ETAK

JF5 SERIES BOARD TYPE SCREW
TERMINAL BLOCKS





Ground Terminal Blocks

Among electrical connections, terminals are most popular way for transitional joint, for all of various kinds of terminals, board type terminal is reliable, safe, practiced for many years, proper connection methods depend on actual demand and working conditions, connection by use of board type terminals is intuitionistic, convenient and firm.

Basic Type

Features Code

Application

Connect with normal cables

Linkage Type

Features Code

L

Application

One line divided into branches with several taps and to be connected

Test Type

Features Code

S

Application

Used for special wiring requirement of CT secondary circuit, able to cooperated with L type

Fuse Type

Features Code

RD

Application

It protects from short circuit and has indication function

Mark Type

Features Code

B

Application

Used for labeling in the middle of at the end of terminal block

Clapboard

Features Code

G

Application

For isolation in the middle or at the end










Universal Terminal Blocks

This series of terminals are used to connect to round copper conductor with cross sectional area 0.75~25mm² in system of AC 50Hz (or 60), rated voltage 660V or DC 440V circuit, its performance meet with standard of GB/T14048.1-2000 Low voltage switchgear and controlgear General description, and JB/T9659.1-1999 Terminal blocks for low voltage switchgear and controlgear, meanwhile complies with IEC947-7-1:2000. The insulating material adopt PC, whose flame retardant characteristics meet with UL94-VO class, CTI ≥ 600V, it can work reliably under ambient temperature +120°C ~-40°C .



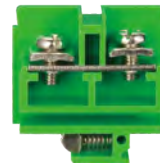
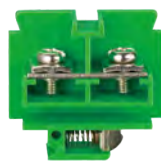
JF5-1.5/1

JF5-2.5/1

| Dimensions | | | |
|---------------------------------------|---|-------------|----------------|
| Width x Length x Height(mm) | | 30/8/28.5/1 | 34.8/10.8/31/1 |
| Nominal screw diameter(mm) | | M3 | M4 |
| Torque(Nm) | | 0.5-0.7 | 1.2-1.5 |
| Stripping length(mm) | | 8 | |
| Parameter | | | |
| Voltage rating(V) | | 660 | |
| Current rating(A) | | 10 | 25 |
| Wire section(mm ²) | | 1.5 | 2.5 |
| Wire Range | | | |
| Rigidity wire range(mm ²) | | 0.75-1.0 | 1.0-1.5 |
| Soft wire range(mm ²) | | 0.75-1.5 | 1.0-2.5 |
| DIN Rails | | Type | |
| Mountable rail type |  | G32-15 | |
| End Clapboard | | | |
| |  | JF5-1.5G | |
| External Jumper | | | |
| 3 Pole |  | JF5-1.5/3L | JF5-2.5/3L |
| 2 Pole |  | JF5-1.5/2L | JF5-2.5/2L |
| End Stop | | | |
| |  | JF5-F | |
| Dustproof Cover | | | |
| |  | JF5-1.5C | JF5-2.5C |
| Mark Tag | | | |
| Blank |  | | |
| Pre-printed 10 no. Horz |  | | |
| Pre-printed 10 no. Vert |  | JF5-B | |

Universal Terminal Blocks










This series of terminals are used to connect to round copper conductor with cross sectional area 0.75~25mm² in system of AC 50Hz (or 60), rated voltage 660V or DC 440V circuit, its performance meet with standard of GB/T14048.1-2000 Low voltage switchgear and controlgear General description, and JB/T9659.1-1999 Terminal blocks for low voltage switchgear and controlgear, meanwhile complies with IEC947-7-1:2000. The insulating material adopt PC, whose flame retardant characteristics meet with UL94-VO class, CTI ≥ 600V, it can work reliably under ambient temperature +120°C ~-40°C .



JF5-6/1

JF5-10/1

JF5-25/1

| | | | |
|---|---|------------------|----------------|
| Dimensions | | | |
| Width x Length x Height(mm) | 44.5/14.7/41.8/1 | 49.2/16.8/47.5/1 | 60/24.5/51.2/1 |
| Nominal screw diameter(mm) | M5 | M6 | M8 (Hexagon) |
| Torque(Nm) | 2-2.5 | 2.5-3.2 | 3.5-4.5 |
| Stripping length(mm) | 10 | 12 | 14 |
| Parameter | | | |
| Voltage rating(V) | 660 | | |
| Current rating(A) | 40 | 60 | 100 |
| Wire section(mm ²) | 6 | 10 | 25 |
| Wire Range | | | |
| Rigidity wire range(mm ²) | 2.5-4 | 4-6 | 10-16 |
| Soft wire range(mm ²) | 2.5-6 | 4-10 | 10-25 |
| DIN Rails | | | |
| Mountable rail type | | Type | |
|  | | G32-15 | |
| End Clapboard | | | |
|  | | JF5-6G | JF5-10G |
| | | | JF5-25G |
| External Jumper | | | |
| 3 Pole |  | JF5-6/3L | JF5-10/3L |
| 2 Pole |  | JF5-6/2L | JF5-10/2L |
| | | | JF5-25/2L |
| End stop | | | |
|  | | JF5-F | |
| Dustproof Cover | | | |
|  | | JF5-6C | JF5-10C |
| | | | JF5-25C |
| Mark Tag | | | |
| Blank |  | | |
| Pre-printed 10 no. Horz |  | | |
| Pre-printed 10 no. Vert |  | JF5-B | |

Ground Terminal Blocks / Mark Base










This series of terminals are used to connect to round copper conductor with cross sectional area 0.75~25mm² in system of AC 50Hz (or 60), rated voltage 660V or DC 440V circuit, its performance meet with standard of GB/T14048.1-2000 Low voltage switchgear and controlgear General description, and JB/T9659.1-1999 Terminal blocks for low voltage switchgear and controlgear, meanwhile complies with IEC947-7-1:2000. The insulating material adopt PC, whose flame retardant characteristics meet with UL94-VO class, CTI ≥ 600V, it can work reliably under ambient temperature +120°C ~-40°C .



JF5-2.5/JD

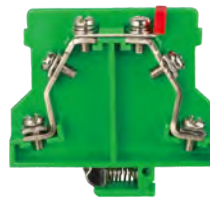
JF5-1.5B

JF5-2.5B

| Dimensions | | | |
|---------------------------------------|---|-------------|------------|
| Width x Length x Height(mm) | 36/11.5/46 | 36/9.6/33.5 | 60.5/10/44 |
| Nominal screw diameter(mm) | M4 | | |
| Torque(Nm) | 1.2-2.5 | | |
| Stripping length(mm) | 8 | | |
| Parameter | | | |
| Voltage rating(V) | | | 660 |
| Current rating(A) | 24 | | |
| Wire section(mm ²) | 2.5 | | |
| Wire Range | | | |
| Rigidity wire range(mm ²) | 1.0-1.5 | | |
| Soft wire range(mm ²) | 1.0-2.5 | | |
| DIN Rails | | Type | |
| Mountable rail type |  | G32-15 | |
| End Clapboard | | | |
| |  | | |
| External Jumper | | | |
| 3 Pole |  | | |
| 2 Pole |  | | |
| End Stop | | | |
| |  | | JF5-F |
| Dustproof Cover | | | |
| |  | | |
| Mark Tag | | | |
| Blank |  | | |
| Pre-printed 10 no. Horz |  | | JF5-B |
| Pre-printed 10 no. Vert |  | | |

Test Type Terminal Blocks

This series of terminals are used to connect to round copper conductor with cross sectional area 0.75~25mm² in system of AC 50Hz (or 60), rated voltage 660V or DC 440V circuit, its performance meet with standard of GB/T14048.1-2000 Low voltage switchgear and controlgear General description, and JB/T9659.1-1999 Terminal blocks for low voltage switchgear and controlgear, meanwhile complies with IEC947-7-1:2000. The insulating material adopt PC, whose flame retardant characteristics meet with UL94-VO class, CTI ≥ 600V, it can work reliably under ambient temperature +120°C ~-40°C .











JF5-2.5/S3

Fuse terminal blocks



JF5-2.5RD

| | | |
|---------------------------------------|---|--------------|
| Dimensions | | |
| Width x Length x Height(mm) | 60.5/10.7/54/1 | 46.2/19.4/51 |
| Nominal screw diameter(mm) | M4 | |
| Torque(Nm) | 1.2-1.5 | |
| Stripping length(mm) | 8 | |
| Parameter | | |
| Voltage rating(V) | 660 | |
| Current rating(A) | 24 | 6.3 |
| Wire section(mm ²) | 2.5 | |
| Wire Range | | |
| Rigidity wire range(mm ²) | 1.0-1.5 | |
| Soft wire range(mm ²) | 1.0-2.5 | |
| DIN Rails | | |
| Mountable rail type |  | G32-15 |
| External Jumper | | |
| 3 Pole |  | |
| 2 Pole |  | |
| End Stop | | |
| |  | JF5-F |
| Dustproof Cover | | |
| |  | |
| Mark Tag | | |
| Blank |  | |
| Pre-printed 10 no. Horz |  | JF5-B |
| Pre-printed 10 no. Vert |  | |

Test Type Terminal Blocks





This series of terminals are used to connect to round copper conductor with cross sectional area 0.75~25mm² in system of AC 50Hz (or 60), rated voltage 660V or DC 440V circuit, its performance meet with standard of GB/T14048.1-2000 Low voltage switchgear and controlgear General description, and JB/T9659.1-1999 Terminal blocks for low voltage switchgear and controlgear, meanwhile complies with IEC947-7-1:2000. The insulating material adopt PC, whose flame retardant characteristics meet with UL94-VO class, CTI ≥ 600V, it can work reliably under ambient temperature +120°C ~-40°C .



JF5-1.5/2

JF5-1.5/3

JF5-1.5/5

| Dimensions | | | |
|---------------------------------------|---|-------------------|-------------------|
| Width x Length x Height(mm) | 31/19.2/30.5(2.2) | 31/28.2/30.5(2.2) | 31/46.2/30.5(2.2) |
| Nominal screw diameter(mm) | M3 | | |
| Torque(Nm) | 0.5-0.7 | | |
| Stripping length(mm) | 8 | | |
| Parameter | | | |
| Voltage rating(V) | 660 | | |
| Current rating(A) | 10 | | |
| Wire section(mm ²) | 1.5 | | |
| Wire Range | | | |
| Rigidity wire range(mm ²) | 0.75-1.0 | | |
| Soft wire range(mm ²) | 0.75-1.5 | | |
| DIN Rails | | | |
| Mountable rail type |  | G32-15 | |
| External Jumper | | | |
| 3 Pole |  | JF5-1.5/3L | |
| 2 Pole |  | JF5-1.5/2L | |
| End Stop | | | |
| |  | JF5-F | |

Test Type Terminal Blocks





This series of terminals are used to connect to round copper conductor with cross sectional area 0.75~25mm² in system of AC 50Hz (or 60), rated voltage 660V or DC 440V circuit, its performance meet with standard of GB/T14048.1-2000 Low voltage switchgear and controlgear General description, and JB/T9659.1-1999 Terminal blocks for low voltage switchgear and controlgear, meanwhile complies with IEC947-7-1:2000. The insulating material adopt PC, whose flame retardant characteristics meet with UL94-VO class, CTI ≥ 600V, it can work reliably under ambient temperature +120°C ~-40°C .



JF5-2.5/2

JF5-2.5/3

JF5-2.5/5

| Dimensions | | | |
|---------------------------------------|---|-------------------|-------------------|
| Width x Length x Height(mm) | 35.5/24.4/33(2.2) | 35.5/35.8/33(2.2) | 35.5/58.6/33(2.2) |
| Nominal screw diameter(mm) | M4 | | |
| Torque(Nm) | 1.2-1.5 | | |
| Stripping length(mm) | 8 | | |
| Parameter | | | |
| Voltage rating(V) | 660 | | |
| Current rating(A) | 25 | | |
| Wire section(mm ²) | 2.5 | | |
| Wire Range | | | |
| Rigidity wire range(mm ²) | 1.0-1.5 | | |
| Soft wire range(mm ²) | 1.0-2.5 | | |
| DIN Rails | | | |
| Mountable rail type |  | G32-15 | |
| External Jumper | | | |
| 3 Pole |  | JF5-2.5/3L | |
| 2 Pole |  | JF5-2.5/2L | |
| End Stop | | | |
| |  | JF5-F | |

Test Type Terminal Blocks





This series of terminals are used to connect to round copper conductor with cross sectional area 0.75~25mm² in system of AC 50Hz (or 60), rated voltage 660V or DC 440V circuit, its performance meet with standard of GB/T14048.1-2000 Low voltage switchgear and controlgear General description, and JB/T9659.1-1999 Terminal blocks for low voltage switchgear and controlgear, meanwhile complies with IEC947-7-1:2000. The insulating material adopt PC, whose flame retardant characteristics meet with UL94-VO class, CTI ≥ 600V, it can work reliably under ambient temperature +120°C ~-40°C .



JF5-6/2

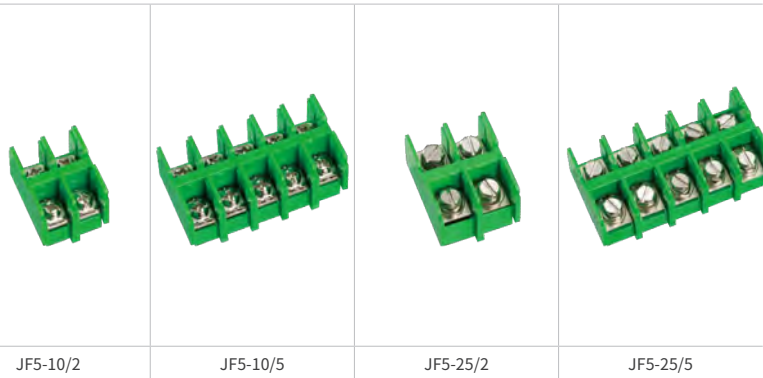
JF5-6/3





JF5-6/5

| Dimensions | | | |
|---------------------------------------|---|-------------------|-------------------|
| Width x Length x Height(mm) | 44.5/33/42(2.2) | 44.5/47.6/42(2.2) | 44.5/78.4/42(2.2) |
| Nominal screw diameter(mm) | M5 | | |
| Torque(Nm) | 2-2.5 | | |
| Stripping length(mm) | 10 | | |
| Parameter | | | |
| Voltage rating(V) | 660 | | |
| Current rating(A) | 40 | | |
| Wire section(mm ²) | 6 | | |
| Wire Range | | | |
| Rigidity wire range(mm ²) | 2.5-4 | | |
| Soft wire range(mm ²) | 2.5-6 | | |
| DIN Rails | | | |
| Mountable rail type |  | G32-15 | |
| External Jumper | | | |
| 3 Pole |  | JF5-6/3L | |
| 2 Pole |  | JF5-6/2L | |
| End Stop | | | |
| |  | JF5-F | |

Test Type Terminal Blocks

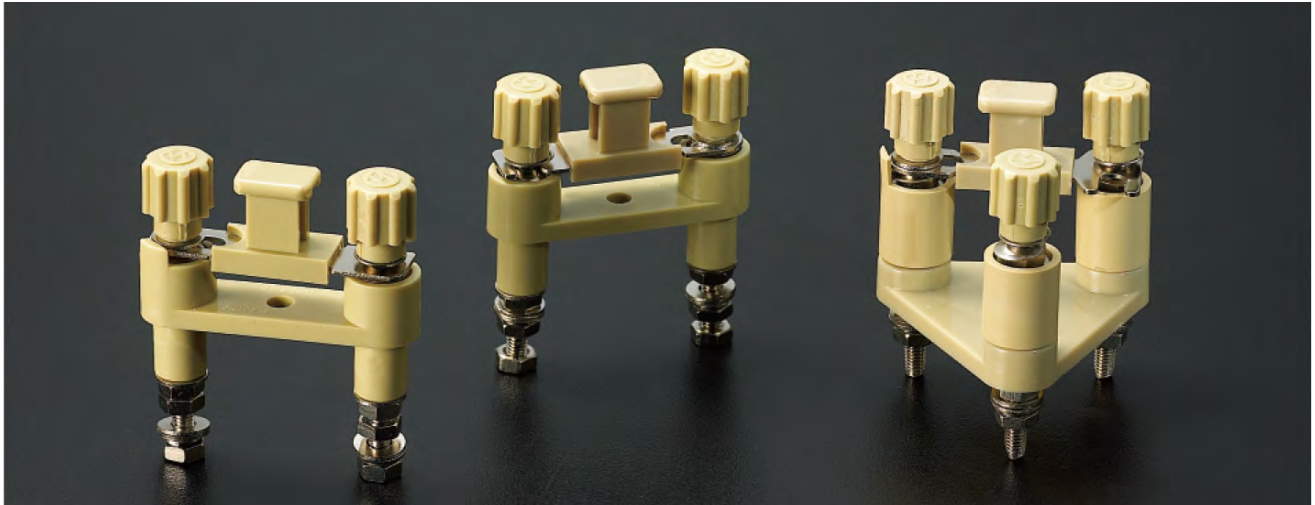
This series of terminals are used to connect to round copper conductor with cross sectional area 0.75~25mm² in system of AC 50Hz (or 60), rated voltage 660V or DC 440V circuit, its performance meet with standard of GB/T14048.1-2000 Low voltage switchgear and controlgear General description, and JB/T9659.1-1999 Terminal blocks for low voltage switchgear and controlgear, meanwhile complies with IEC947-7-1:2000. The insulating material adopt PC, whose flame retardant characteristics meet with UL94-VO class, CTI ≥ 600V, it can work reliably under ambient temperature +120°C ~ -40°C .



| | JF5-10/2 | JF5-10/5 | JF5-25/2 | JF5-25/5 |
|---------------------------------------|---|---------------------|-----------------|-------------------|
| Dimensions | | | | |
| Width x Length x Height(mm) | 50.5/38/49.2(2.2) | 50.5/91.7/49.2(2.2) | 60/46.7/51(2.2) | 35.5/58.6/33(2.2) |
| Nominal screw diameter(mm) | M6 | | M8(Hexagon) | |
| Torque(Nm) | 2.5-3.2 | | 3.5-4.5 | |
| Stripping length(mm) | 12 | | 14 | |
| Parameter | | | | |
| Voltage rating(V) | 660 | | | |
| Current rating(A) | 60 | | 100 | |
| Wire section(mm ²) | 10 | | 25 | |
| Wire Range | | | | |
| Rigidity wire range(mm ²) | 4-6 | | 10-16 | |
| Soft wire range(mm ²) | 4-10 | | | |
| DIN Rails | | | | |
| Mountable rail type |  | | Type G32-15 | |
| External Jumper | | | | |
| 3 Pole |  | JF5-10/3L | JF5-25/3L | |
| 2 Pole |  | JF5-10/2L | JF5-25/2L | |
| End Stop | | | | |
| |  | JF5-F | | |

Product Overview

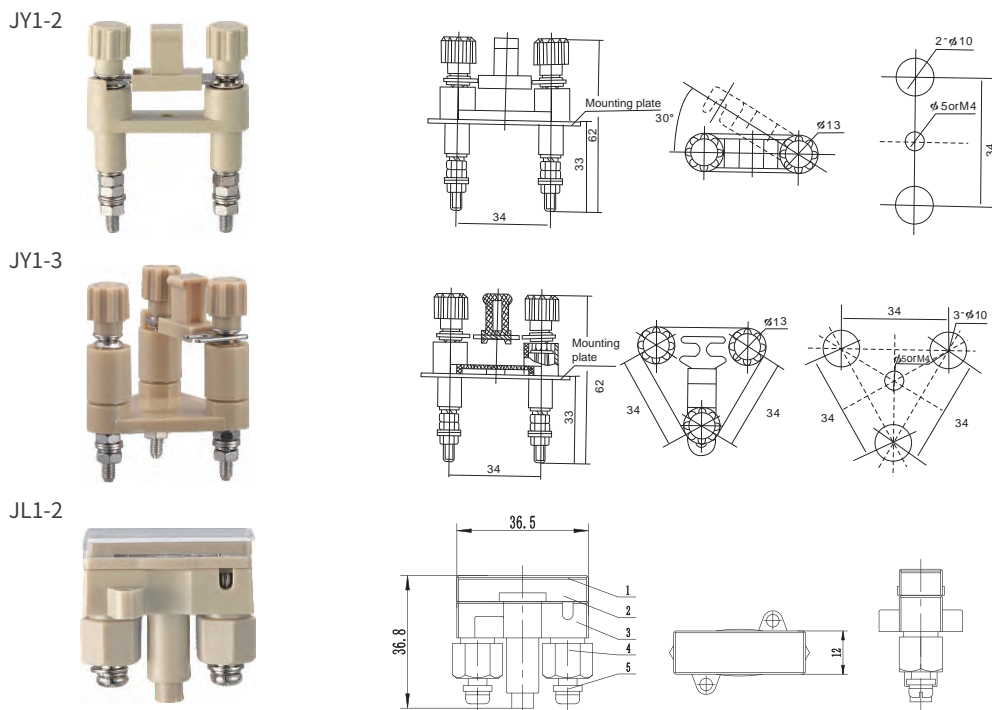
JY series is new products which we design it for replacing YY1 type terminal blocks after we studied the market demand, the terminals are used in relay protection panel, control panel and etc of AC50 or 60Hz, 660V, DC 440V, current up to 41A, to switch on/off circuit.



Features

- The insulated material is made of flame retardant modified engineering plastic, good insulating and mechanical performance, withstand high temperature, able to working under max 120 and flame retardant meet with UL94-V0.
- Good conductivity, low contacting voltage drop, when switched off, it has positioning and limiting function, intuitionistic, safe and reliable.
- After opening holes according mounting dimensions, JY1 terminal is able to be mounted on plate by use of M4 screws without need of dismantling terminal blocks.

Dimensions





ETAK

VOT SERIES ROUND TERMINAL
BLOCKS







IN Bolt Type Multi Poles Terminal

| | | |
|--------------------------------|---|---|
| |  |  |
| | IN 12BK | IN 13SBK |
| Dimensions | | |
| Width x Length x Height(mm) | 40/20/32 (2) | 40/25.5/32(2) |
| Nominal screw diameter(mm) | M3.5 | |
| Torque(Nm) | 0.6-0.8 | |
| Poles | 2 | 3 |
| Parameter | | |
| Current rating(A) | 24 | |
| Voltage rating(V) | 600 | |
| Wire section(mm ²) | 2.5 | |
| Wire Range | Type | |
| | IN-F | |
| DIN Rails | | |
| | TH35-7.5 | |

| | | |
|--------------------------------|---|---|
| |  |  |
| | IN 411SBK | IN 60BK |
| Dimensions | | |
| Width x Length x Height(mm) | 48.5/16.5/36(2) | 56/23/40 (2) |
| Nominal screw diameter(mm) | M5 | M6 |
| Torque(Nm) | 2.4-2.7 | 3.2-3.7 |
| Poles | 1 | |
| Parameter | | |
| Current rating(A) | 63 | 76 |
| Voltage rating(V) | 600 | |
| Wire section(mm ²) | 14 | 16 |
| Wire Range | Type | |
| | IN-F | |
| DIN Rails | | |
| | TH35-7.5 | |

IN Bolt Type Multi Poles Terminal

| | | |
|--------------------------------|---|---|
| |  |  |
| | IN 20BK | IN 30BK |
| Dimensions | | |
| Width x Length x Height(mm) | 40/35/32 (2) | 48.5/43/36(2) |
| Nominal screw diameter(mm) | M4 | M5 |
| Torque(Nm) | 1.5-1.8 | 2.4-2.7 |
| Poles | | 3 |
| Parameter | | |
| Current rating(A) | 32 | 41 |
| Voltage rating(V) | | 600 |
| Wire section(mm ²) | 4 | 6 |
| Wire Range | | Type |
| | | IN-F |
| DIN Rails | | |
| | | TH35-7.5 |

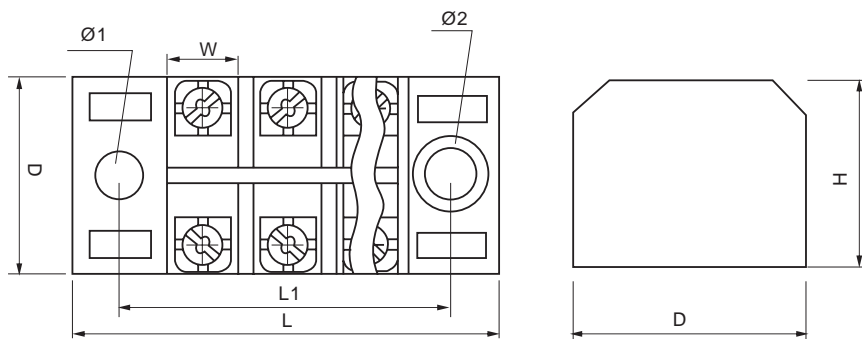
| | | | |
|--------------------------------|---|--|---|
| |  |  |  |
| | IN 100BK | IN 200BK | IN 400BK |
| Dimensions | | | |
| Width x Length x Height(mm) | 75/32/47.5(3) | 85.5/40/59.5(2.5) | 123.5/62/75(3) |
| Nominal screw diameter(mm) | M8(Hexagon) | M10(Hexagon) | M12(Hexagon) |
| Torque(Nm) | 15-20 | 25-30 | |
| Poles | | 1 | |
| Parameter | | | |
| Current rating(A) | 125 | 232 | 309 |
| Voltage rating(V) | | 600 | |
| Wire section(mm ²) | 35 | 95 | 150 |
| Wire Range | | Type | |
| | | IN-F | |
| DIN Rails | | | |
| | | TH35-7.5 | |

Product Overview







TB series terminals adopt plated screw pressing to connect, its base sealed, as a whole structure, this product has simple structure, operated with TO connector, very solid and reliable, able to be used in the connection of various electric devices.

Dimensions




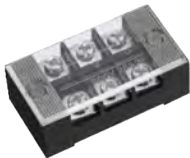

| Model | Dimensions | | | | | | |
|-----------|------------|-------|------|------|----|----|----|
| | L | L1 | W | D | H | Φ1 | Φ2 |
| TB-1503L | 45.5 | 34 | 7.5 | 22 | 15 | 4 | 8 |
| TB-1504L | 54.3 | 44 | 7.5 | 22 | 15 | 4 | 8 |
| TB-1505L | 63 | 52 | 7.5 | 22 | 15 | 4 | 8 |
| TB-1506L | 72 | 62 | 7.5 | 22 | 15 | 4 | 8 |
| TB-1508L | 88.5 | 78 | 7.5 | 22 | 15 | 4 | 8 |
| TB-1510L | 107 | 97 | 7.5 | 22 | 15 | 4 | 8 |
| TB-1512L | 125 | 114.5 | 7.5 | 22 | 15 | 4 | 8 |
| TB-1515L | 150 | 140 | 7.5 | 22 | 15 | 4 | 8 |
| TB-1520L | 194 | 183 | 7.5 | 22 | 15 | 4 | 8 |
| TB-2503L | 55 | 44 | 10.5 | 30 | 17 | 4 | 8 |
| TB-2504L | 67 | 56 | 10.5 | 30 | 17 | 4 | 8 |
| TB-2505L | 79 | 68 | 10.5 | 30 | 17 | 4 | 8 |
| TB-2506L | 91 | 79 | 10.5 | 30 | 17 | 4 | 8 |
| TB-2508L | 115 | 103 | 10.5 | 30 | 17 | 4 | 8 |
| TB-2510L | 139 | 129 | 10.5 | 30 | 17 | 4 | 8 |
| TB-2512L | 163 | 153 | 10.5 | 30 | 17 | 4 | 8 |
| TB-4503 | 69 | 58 | 15 | 37.5 | 21 | 5 | 8 |
| TB-4504 | 86 | 75.5 | 15 | 37.5 | 21 | 5 | 8 |
| TB-4505 | 103 | 92 | 15 | 37.5 | 21 | 5 | 8 |
| TB-4506 | 119 | 109.5 | 15 | 37.5 | 21 | 5 | 8 |
| TB-4510 | 186 | 176 | 15 | 37.5 | 21 | 5 | 8 |
| TB-4512 | 220 | 210 | 15 | 37.5 | 21 | 5 | 8 |
| TBC-6003 | 74.5 | 63 | 15 | 37 | 28 | 5 | 8 |
| TBC-6004 | 92 | 81 | 15 | 37 | 28 | 5 | 8 |
| TBC-6005 | 111 | 99 | 15 | 37 | 28 | 5 | 8 |
| TBC-6006 | 128 | 116 | 15 | 37 | 28 | 5 | 8 |
| TBC-6010 | 199 | 187 | 15 | 37 | 28 | 5 | 8 |
| TBC-6012 | 234 | 223 | 15 | 37 | 28 | 5 | 8 |
| TBC-10003 | 86 | 75 | 19 | 43 | 32 | 5 | 8 |
| TBC-10004 | 108 | 97 | 19 | 43 | 32 | 5 | 8 |
| TBC-10005 | 130 | 117 | 19 | 43 | 32 | 5 | 8 |
| TBC-10006 | 152 | 141 | 19 | 43 | 32 | 5 | 8 |
| TBC-10012 | 284 | 273 | 19 | 43 | 32 | 5 | 8 |



TB Universal Terminal Blocks

| | | |
|--------------------------------|--|---|
| |  |  |
| | TB-1503L | TB-1504L |
| Dimensions | | |
| Width x Length x Height(mm) | 45.5/22/17(2) | 54.3/22/17(2) |
| Nominal screw diameter(mm) | | M3 |
| Torque(Nm) | | 0.5-0.7 |
| Parameter | | |
| Current rating(A) | | 15 |
| Voltage rating(V) | | 600 |
| Wire section(mm ²) | | 1.5 |
| |  |  |
| | TB-1505L | TB-1506L |
| Dimensions | | |
| Width x Length x Height(mm) | 63/22/17(2) | 72/22/17(2) |
| Nominal screw diameter(mm) | | M3 |
| Torque(Nm) | | 0.5-0.7 |
| Parameter | | |
| Current rating(A) | | 15 |
| Voltage rating(V) | | 600 |
| Wire section(mm ²) | | 1.5 |
| |  |  |
| | TB-1508L | TB-1510L |
| Dimensions | | |
| Width x Length x Height(mm) | 89/22/17(2) | 107/22/17(2) |
| Nominal screw diameter(mm) | | M3 |
| Torque(Nm) | | 0.5-0.7 |
| Parameter | | |
| Current rating(A) | | 15 |
| Voltage rating(V) | | 600 |
| Wire section(mm ²) | | 1.5 |

TB Universal Terminal Blocks

| | | |
|--------------------------------|---|---|
| |  |  |
| | TB-1512L | TB-1515L |
| Dimensions | | |
| Width x Length x Height(mm) | 125/22/17(2) | 150/22/17(2) |
| Nominal screw diameter(mm) | M3 | |
| Torque(Nm) | 0.5-0.7 | |
| Parameter | | |
| Current rating(A) | 15 | |
| Voltage rating(V) | 600 | |
| Wire section(mm ²) | 1.5 | |
| |  | |
| | TB-1520L | |
| Dimensions | | |
| Width x Length x Height(mm) | 194/22/17(2) | |
| Nominal screw diameter(mm) | M3 | |
| Torque(Nm) | 0.5-0.7 | |
| Parameter | | |
| Current rating(A) | 15 | |
| Voltage rating(V) | 600 | |
| Wire section(mm ²) | 1.5 | |
| |  |  |
| | TB-2503L | TB-2504L |
| Dimensions | | |
| Width x Length x Height(mm) | 55/31/19(2) | 67/30/19(2) |
| Nominal screw diameter(mm) | M4 | |
| Torque(Nm) | 1.2-1.5 | |
| Parameter | | |
| Current rating(A) | 25 | |
| Voltage rating(V) | 600 | |
| Wire section(mm ²) | 2.5 | |

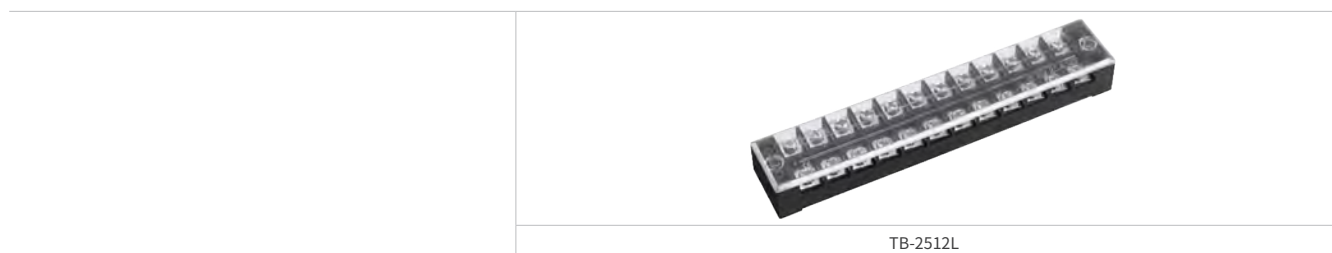
TB Universal Terminal Blocks



| | | |
|--------------------------------|---------------|-------------|
| | TB-2505L | TB-2506L |
| Dimensions | | |
| Width x Length x Height(mm) | 79/30/19.5(2) | 91/30/19(2) |
| Nominal screw diameter(mm) | M4 | |
| Torque(Nm) | 1.2-1.5 | |
| Parameter | | |
| Current rating(A) | 25 | |
| Voltage rating(V) | 600 | |
| Wire section(mm ²) | 2.5 | |



| | | |
|--------------------------------|--------------|--------------|
| | TB-2508L | TB-2510L |
| Dimensions | | |
| Width x Length x Height(mm) | 115/30/19(2) | 139/30/19(2) |
| Nominal screw diameter(mm) | M4 | |
| Torque(Nm) | 1.2-1.5 | |
| Parameter | | |
| Current rating(A) | 25 | |
| Voltage rating(V) | 600 | |
| Wire section(mm ²) | 2.5 | |



| | |
|--------------------------------|--------------|
| | TB-2512L |
| Dimensions | |
| Width x Length x Height(mm) | 163/30/19(2) |
| Nominal screw diameter(mm) | M4 |
| Torque(Nm) | 1.2-1.5 |
| Parameter | |
| Current rating(A) | 25 |
| Voltage rating(V) | 600 |
| Wire section(mm ²) | 2.5 |

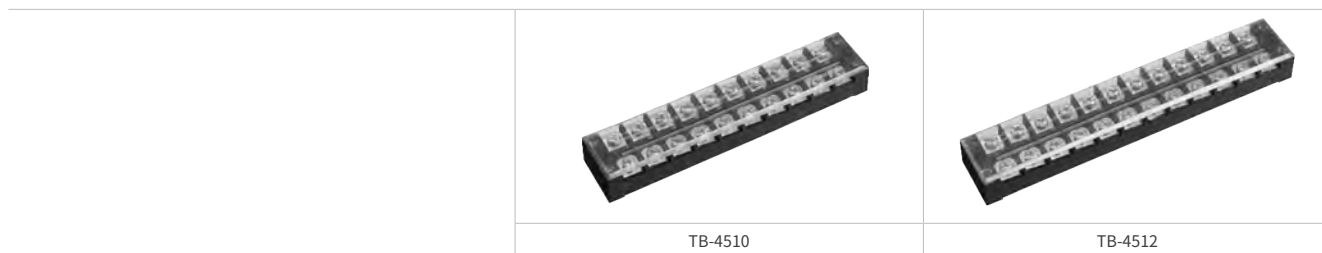
TB Universal Terminal Blocks



| | | |
|--------------------------------|-------------------|-------------------|
| | TB-4503 | TB-4504 |
| Dimensions | | |
| Width x Length x Height(mm) | 69/37.5/23.5(2.5) | 86/37.5/23.5(2.5) |
| Nominal screw diameter(mm) | M5 | |
| Torque(Nm) | 2.2-2.8 | |
| Parameter | | |
| Current rating(A) | 45 | |
| Voltage rating(V) | 600 | |
| Wire section(mm ²) | 6 | |



| | | |
|--------------------------------|--------------------|--------------------|
| | TB-4505 | TB-4506 |
| Dimensions | | |
| Width x Length x Height(mm) | 103/37.5/23.5(2.5) | 119/37.5/23.5(2.5) |
| Nominal screw diameter(mm) | M5 | |
| Torque(Nm) | 2.2-2.8 | |
| Parameter | | |
| Current rating(A) | 45 | |
| Voltage rating(V) | 600 | |
| Wire section(mm ²) | 6 | |



| | | |
|--------------------------------|--------------------|--------------------|
| | TB-4510 | TB-4512 |
| Dimensions | | |
| Width x Length x Height(mm) | 186/37.5/23.5(2.5) | 220/37.5/23.5(2.5) |
| Nominal screw diameter(mm) | M5 | |
| Torque(Nm) | 2.2-2.8 | |
| Parameter | | |
| Current rating(A) | 45 | |
| Voltage rating(V) | 600 | |
| Wire section(mm ²) | 6 | |

TB Universal Terminal Blocks

| | | |
|--|---|---|
| |  |  |
| | TBC-6003 | TBC-6004 |

| Dimensions | | |
|--------------------------------|-------------------|-----------------|
| Width x Length x Height(mm) | 74.5/37/30.5(2.5) | 92/37/30.5(2.5) |
| Nominal screw diameter(mm) | M6(Hexagon) | |
| Torque(Nm) | 2.8-4 | |
| Parameter | | |
| Current rating(A) | 60 | |
| Voltage rating(V) | 600 | |
| Wire section(mm ²) | 10 | |

| | | |
|--|---|--|
| |  |  |
| | TBC-6005 | TBC-6006 |

| Dimensions | | |
|--------------------------------|------------------|------------------|
| Width x Length x Height(mm) | 111/37/30.5(2.5) | 128/37/30.5(2.5) |
| Nominal screw diameter(mm) | M6(Hexagon) | |
| Torque(Nm) | 2.8-4 | |
| Parameter | | |
| Current rating(A) | 60 | |
| Voltage rating(V) | 600 | |
| Wire section(mm ²) | 10 | |

| | | |
|--|--|---|
| |  |  |
| | TBC-6010 | TBC-6012 |

| Dimensions | | |
|--------------------------------|------------------|------------------|
| Width x Length x Height(mm) | 199/37/30.5(2.5) | 234/37/30.5(2.5) |
| Nominal screw diameter(mm) | M6(Hexagon) | |
| Torque(Nm) | 2.8-4 | |
| Parameter | | |
| Current rating(A) | 60 | |
| Voltage rating(V) | 600 | |
| Wire section(mm ²) | 10 | |

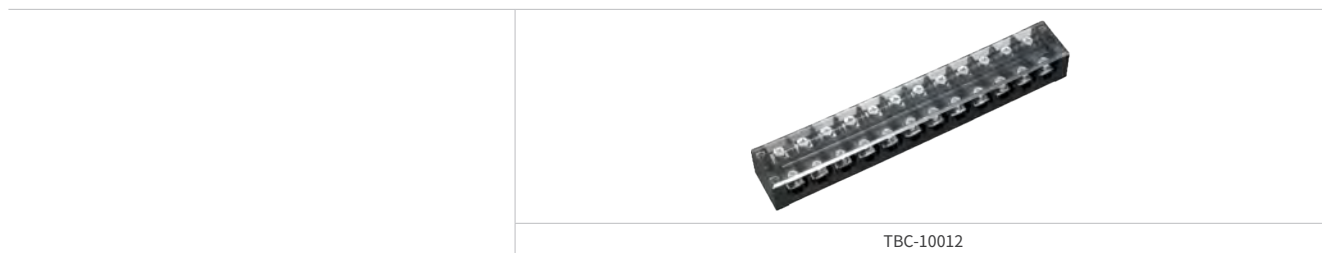
TB Universal Terminal Blocks



| | | |
|--------------------------------|-----------------|------------------|
| | TBC-10003 | TBC-10004 |
| Dimensions | | |
| Width x Length x Height(mm) | 86/43/34.5(2.5) | 108/43/34.5(2.5) |
| Nominal screw diameter(mm) | M6(Hexagon) | |
| Torque(Nm) | 2.8-4 | |
| Parameter | | |
| Current rating(A) | 100 | |
| Voltage rating(V) | 600 | |
| Wire section(mm ²) | 25 | |



| | | |
|--------------------------------|------------------|------------------|
| | TBC-10005 | TBC-10006 |
| Dimensions | | |
| Width x Length x Height(mm) | 130/43/34.5(2.5) | 152/43/34.5(2.5) |
| Nominal screw diameter(mm) | M6(Hexagon) | |
| Torque(Nm) | 2.8-4 | |
| Parameter | | |
| Current rating(A) | 100 | |
| Voltage rating(V) | 600 | |
| Wire section(mm ²) | 25 | |



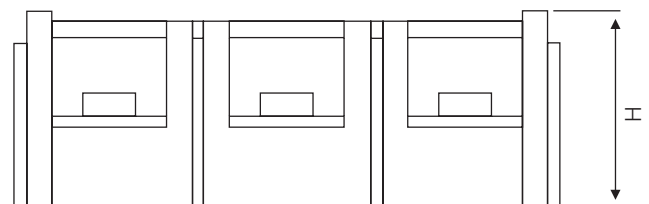
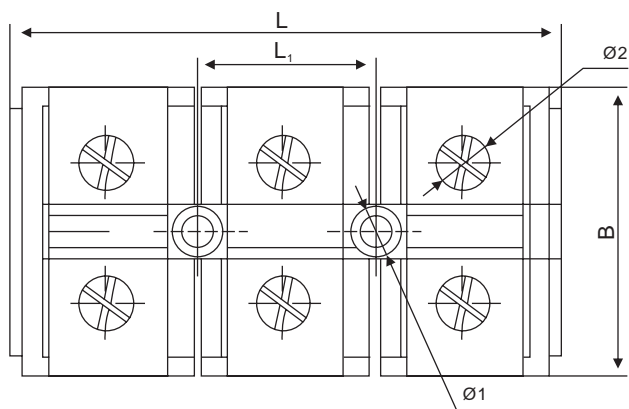
| | |
|--------------------------------|------------------|
| | TBC-10012 |
| Dimensions | |
| Width x Length x Height(mm) | 284/43/34.5(2.5) |
| Nominal screw diameter(mm) | M6(Hexagon) |
| Torque(Nm) | 2.8-4 |
| Parameter | |
| Current rating(A) | 100 |
| Voltage rating(V) | 600 |
| Wire section(mm ²) | 25 |

TC High Current Terminal Blocks Product Overview

Selecting thermosetting plastic, safety factor of high current is more reliable. Board type screw crimp connecting technology as structure parts rated AC Voltage 690V, the cross-section 10-300mm². which is the biggest closure flow terminal. it can be divided into 3p, 4p flat bolt installation according to arrangement, it will be more reliable with OT. UT termination point for connecting high current in different kind electric device.

Dimensions



| Model | Dimensions | | | | | |
|------------|------------|-------|------|------|----|------|
| | L | B | H | L1 | Φ1 | Φ2 |
| TC-60A 2P | 59 | 42.8 | 30.2 | 28.5 | 6 | 6.5 |
| TC-60A 3P | 86.4 | 42.8 | 30.2 | 28.5 | 6 | 6.5 |
| TC-60A 4P | 115.2 | 42.8 | 30.2 | 28.5 | 6 | 6.5 |
| TC-60A 5P | 143 | 42.8 | 30.2 | 28.5 | 6 | 6.5 |
| TC-100A 2P | 70 | 54.5 | 36 | 34 | 6 | 8.5 |
| TC-100A 3P | 103.8 | 54.5 | 36 | 34 | 6 | 8.5 |
| TC-100A 4P | 138.4 | 54.5 | 36 | 34 | 6 | 8.5 |
| TC-100A 5P | 173 | 54.5 | 36 | 34 | 6 | 8.5 |
| TC-150A 3P | 115 | 65.5 | 39 | 38 | 8 | 8.5 |
| TC-150A 4P | 154.8 | 65.5 | 39 | 38 | 8 | 8.5 |
| TC-150A 5P | 193 | 65.5 | 39 | 38 | 8 | 8.5 |
| TC-200A 3P | 133.5 | 72 | 44.5 | 44 | 8 | 10.5 |
| TC-200A 4P | 178 | 72 | 44.5 | 44 | 8 | 10.5 |
| TC-200A 5P | 224 | 72 | 44.5 | 44 | 8 | 10.5 |
| TC-300A 3P | 165 | 90 | 50.5 | 55 | 8 | 11.5 |
| TC-300A 4P | 220 | 90 | 50.5 | 55 | 8 | 11.5 |
| TC-400A 3P | 165 | 90 | 50.5 | 55 | 8 | 11.5 |
| TC-400A 4P | 220 | 90 | 50.5 | 55 | 8 | 11.5 |
| TC-600A 3P | 207 | 100.5 | 70 | 68.5 | 9 | 13 |
| TC-600A 4P | 274 | 100.5 | 70 | 68.5 | 9 | 13 |



TC High Current Terminal Blocks

| | | |
|--|---|---|
| |  |  |
| | TC-60A 2P | TC-60A 3P |

| | | |
|--------------------------------|-------------------|---------------------|
| Dimensions | | |
| Width x Length x Height(mm) | 59/42.8/32.5(2.3) | 86.4/42.8/32.5(2.3) |
| Nominal screw diameter(mm) | | M6 |
| Torque(Nm) | | 14 |
| Parameter | | |
| Current rating(A) | | 60 |
| Voltage rating(V) | | 600 |
| Wire section(mm ²) | | 16 |









| | | |
|--|--|--|
| |  |  |
| | TC-60A 4P | TC-60A 5P |

| | | |
|--------------------------------|----------------------|--------------------|
| Dimensions | | |
| Width x Length x Height(mm) | 115.2/42.8/32.5(2.3) | 143/42.8/32.5(2.3) |
| Nominal screw diameter(mm) | | M6 |
| Torque(Nm) | | 14 |
| Parameter | | |
| Current rating(A) | | 60 |
| Voltage rating(V) | | 600 |
| Wire section(mm ²) | | 16 |

| | | |
|--|---|---|
| |  |  |
| | TC-100A 2P | TC-100A 3P |

| | | |
|--------------------------------|-------------------|----------------------|
| Dimensions | | |
| Width x Length x Height(mm) | 70/54.5/38.5(2.5) | 103.8/54.5/38.5(2.5) |
| Nominal screw diameter(mm) | | M6 |
| Torque(Nm) | | 22 |
| Parameter | | |
| Current rating(A) | | 100 |
| Voltage rating(V) | | 600 |
| Wire section(mm ²) | | 25 |

TC High Current Terminal Blocks

| | | | |
|--------------------------------|---|--|---|
| |  |  | |
| | TC-100A 4P | TC-100A 5P | |
| Dimensions | | | |
| Width x Length x Height(mm) | 138.4/54.5/38.5(2.5) | 173/54.5/38.5(2.5) | |
| Nominal screw diameter(mm) | | M6 | |
| Torque(Nm) | | 22 | |
| Parameter | | | |
| Current rating(A) | | 100 | |
| Voltage rating(V) | | 600 | |
| Wire section(mm ²) | | 25 | |
| |  |  |  |
| | TC-150A 3P | TC-150A 4P | TC-150A 5P |
| Dimensions | | | |
| Width x Length x Height(mm) | 115/65.5/41.5(2.5) | 154.8/65.5/41.5(2.5) | 193/65.5/41.5(2.5) |
| Nominal screw diameter(mm) | | M8 | |
| Torque(Nm) | | 60 | |
| Parameter | | | |
| Current rating(A) | | 150 | |
| Voltage rating(V) | | 600 | |
| Wire section(mm ²) | | 60 | |
| |  |  |  |
| | TC-200A 3P | TC-200A 4P | TC-200A 5P |
| Dimensions | | | |
| Width x Length x Height(mm) | 133.5/72/47(2.5) | 178/72/47(2.5) | 224/72/47(2.5) |
| Nominal screw diameter(mm) | | M8 | |
| Torque(Nm) | | 80 | |
| Parameter | | | |
| Current rating(A) | | 200 | |
| Voltage rating(V) | | 600 | |
| Wire section(mm ²) | | 100 | |

TC High Current Terminal Blocks








| | | | |
|--|---|--|---|
| |  |  |  |
| | TC-300A 3P | TC-400A 3P | TC-600A 3P |

| Dimensions | | | |
|--------------------------------|----------------|-----|-----------------|
| Width x Length x Height(mm) | 165/90/53(2.5) | | 207/100.5/73(3) |
| Nominal screw diameter(mm) | M10 | | M12 |
| Torque(Nm) | 150 | | 200 |
| Parameter | | | |
| Current rating(A) | 300 | 400 | 600 |
| Voltage rating(V) | 600 | | |
| Wire section(mm ²) | 150 | 240 | 300 |

| | | | |
|--|--|---|--|
| |  |  |  |
| | TC-300A 4P | TC-400A 4P | TC-600A 4P |

| Dimensions | | | |
|--------------------------------|----------------|----------------|-----------------|
| Width x Length x Height(mm) | 220/90/53(2.5) | 220/90/53(2.5) | 274/100.5/73(3) |
| Nominal screw diameter(mm) | M10 | | M12 |
| Torque(Nm) | 150 | | 200 |
| Parameter | | | |
| Current rating(A) | 300 | 400 | 600 |
| Voltage rating(V) | 600 | | |
| Wire section(mm ²) | 150 | 240 | 300 |

TBD Double Level Terminal Blocks

| |  |  |
|---------------------------------------|---|---|
| | TBD-10A | TBD-20A |
| Dimensions | | |
| Width x Length x Height(mm) | 53(34)/8.5/45 | 53(34)/10.5/45 |
| Nominal screw diameter(mm) | M3 | M4 |
| Torque(Nm) | 0.5-0.7 | 1.2-1.5 |
| Stripping length(mm) | 8 | |
| Parameter | | |
| Voltage rating(V) | 600 | |
| Current rating(A) | 10 | 20 |
| Wire section(mm ²) | 1.5 | 2.5 |
| Wire Range | | |
| Rigidity wire range(mm ²) | 2.5-4 | |
| Soft wire range(mm ²) | 2.5-6 | |
| Safe Plate | | |
| |  | TBD-G |
| Fixed Parts | | |
| |  | IN-F |
| Dustproof Cover | | |
| |  | TBD-C |
| DIN Rails | | |
| Mountable rail type |  | TH35-7.5 |
| Mark Strip | | |
| |  | TD-B |






TBR Universal Terminal Blocks

- Suitable for the connection between the conductors of sectional area up to 25mm², AC 50/60Hz, rated voltage up to 660V.
- This series wiring socket adopts pressing connection by screw, the connector for conductor shall use TU or TO type, then allowed to connect with terminal, the wire socket provided with protective cover, mounted on C type rail.



TBR-10A

TBR-20A

| | | |
|---|---|------------|
| Dimensions | | |
| Width x Length x Height(mm) | 42/9/33 | 42/11/33 |
| Nominal screw diameter(mm) | M3 | M4 |
| Torque(Nm) | 0.5-0.7 | 1.2-1.5 |
| Stripping length(mm) | 8 | |
| Parameter | | |
| Voltage rating(V) | 600 | |
| Current rating(A) | 10 | 20 |
| Wire section(mm ²) | 1.5 | 2.5 |
| Wire Range | | |
| Rigidity wire range(mm ²) | 0.75-1.0 | 1.0-1.5 |
| Soft wire range(mm ²) | 0.75-1.5 | 1.0-2.5 |
| Safe Plate | | |
|  | TBR-10G | TBR-20G |
| Fixed Parts | | |
|  | IN-F | |
| Dustproof Cover | | |
|  | TBR-10C | TBR-20/30C |
| DIN Rails | | |
| Mountable rail type |  | TH35-7.5 |
| Mark Strip | | |
|  | TD-B | |

TBR Universal Terminal Blocks



TBR-30A

TBR-60A

TBR-70A

TBR-100A

42/13/33

53/21/41

53/21/41

72/28/44

M4

M6

M6(Hexagon)

M8(Hexagon)

1.2-1.5

2-2.5

2-3.0

2.5-3.2

8

10

16

12

600

30

60

70

100

4

10

16

25

2.0-2.5

4-6

4-10

10-16

2.5-4

4-10

4-16

10-35

TBR-30G

TBR-60G

TBR-70G

TBR-100G

IN-F

TBR-20/30C

TBR-60C

TBR-100C

TH35-7.5

TD-B






TD Universal Terminal Blocks

- Suitable for the connection between the conductors of sectional area up to 25mm², AC 50/60Hz, rated voltage up to 660V.
- This series wiring socket adopts pressing connection by screw, the connector for conductor shall use TU or TO type, then allowed to connect with terminal, the wire socket provided with protective cover, mounted on C type rail.



TD-15A

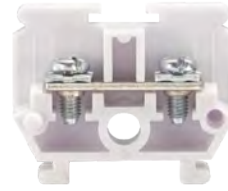
TD-20A

| Dimensions | | |
|---|---|--------------|
| Width x Length x Height(mm) | 30.2/8/24/1 | 39/11.7/33/1 |
| Nominal screw diameter(mm) | M3 | M4 |
| Torque(Nm) | 0.5-0.7 | 1.2-1.5 |
| Stripping length(mm) | 8 | |
| Parameter | | |
| Voltage rating(V) | 660 | |
| Current rating(A) | 15 | 20 |
| Wire section(mm ²) | 1.5 | 2.5 |
| Wire Range | | |
| Rigidity wire range(mm ²) | 0.75-1.0 | 1.0-1.5 |
| Soft wire range(mm ²) | 0.75-1.5 | 1.0-2.5 |
| Safe Plate | | |
|  | TD-15G | TD-20G |
| Fixed Parts | | |
|  | TD-F | |
| Dustproof Cover | | |
|  | TD-15C | TD-20C |
| DIN Rails | | |
| Mountable rail type |  | C32 |
| Mark Strip | | |
|  | TD-B | |

Remarks: This series of products can be ordered in any combination, and the white model is JH9 series.






JH9 Universal Terminal Blocks

- Suitable for the connection between the conductors of sectional area up to 25mm², AC 50/60Hz, rated voltage up to 660V.
- This series wiring socket adopts pressing connection by screw, the connector for conductor shall use TU or TO type, then allowed to connect with terminal, the wire socket provided with protective cover, mounted on C type rail.



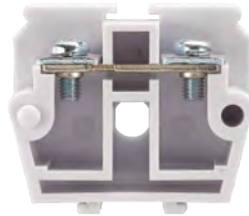
JH9-1.5Z

JH9-2.5Z

| | | |
|---|---|--------------|
| Dimensions | | |
| Width x Length x Height(mm) | 30.2/8/24/1 | 39/11.7/33/1 |
| Nominal screw diameter(mm) | M3 | M4 |
| Torque(Nm) | 0.5-0.7 | 1.2-1.5 |
| Stripping length(mm) | 8 | |
| Parameter | | |
| Voltage rating(V) | 660 | |
| Current rating(A) | 15 | 20 |
| Wire section(mm ²) | 1.5 | 2.5 |
| Wire Range | | |
| Rigidity wire range(mm ²) | 0.75-1.0 | 1.0-1.5 |
| Soft wire range(mm ²) | 0.75-1.5 | 1.0-2.5 |
| Safe Plate | | |
|  | JH9-1.5ZG | JH9-2.5ZG |
| Fixed Parts | | |
|  | TD-F | |
| Dustproof Cover | | |
|  | TD-15C | TD-20C |
| DIN Rails | | |
| Mountable rail type |  | C32 |
| Mark Strip | | |
|  | TD-B | |

Remarks: This series of products can be ordered in any combination, and the white model is JH9 series.

JH9 Universal Terminal Blocks



JH9-6Z

JH9-10Z

JH9-25Z

43/14/38/1

52.3/18/38/1

59.5/22/46/1

M5

M6

2-2.5

2.5-3.2

8

10

12

660

30

60

100

6

10

25

2.5-4

4-6

10-16

2.5-6

4-10

10-25

JH9-6ZG

JH9-10ZG

JH9-25ZG

TD-F

TD-30C

TD-60C

TD-100C

C32

TD-B