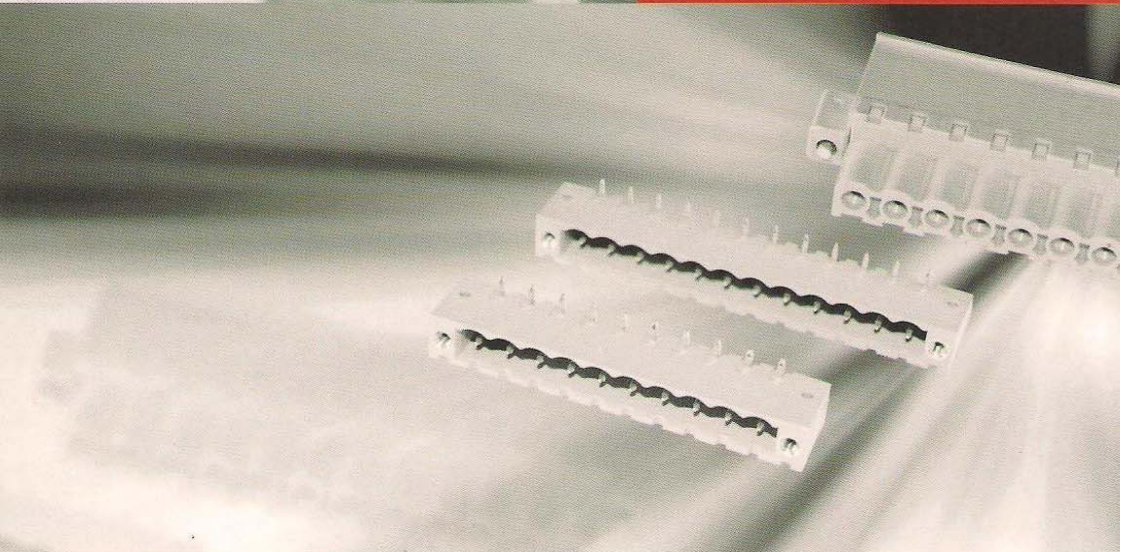
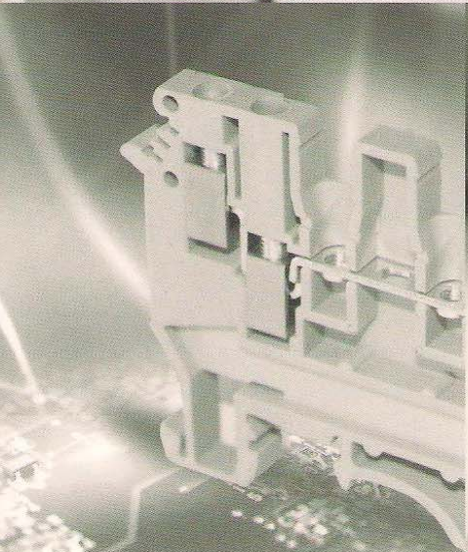
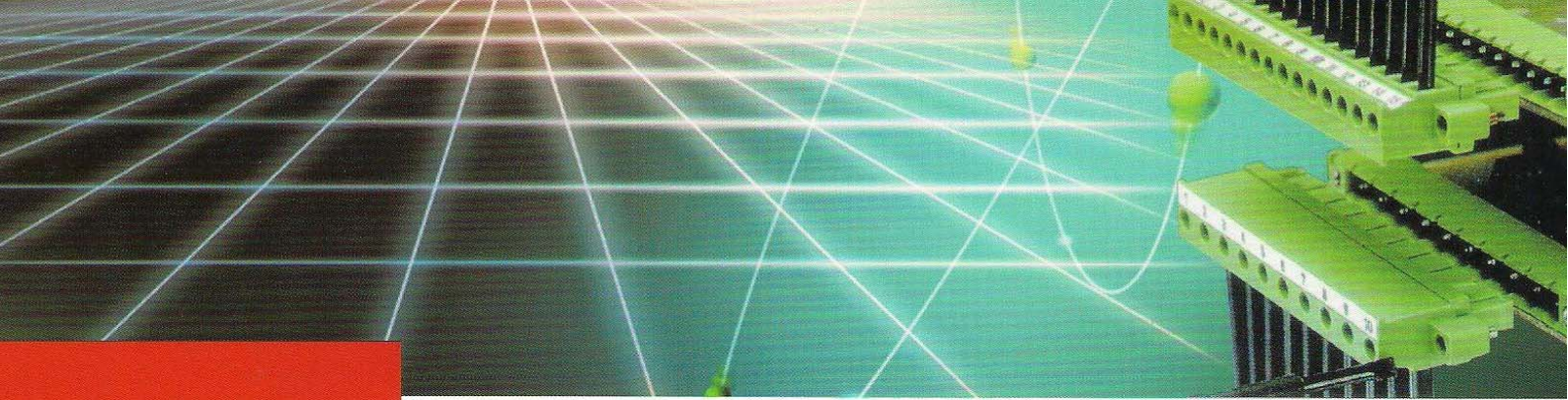


**Weida Electrical
Accessory Factory**

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 **WEI DA
DIANZI**



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Weida Electrical
Accessory Factory



Brief introduction

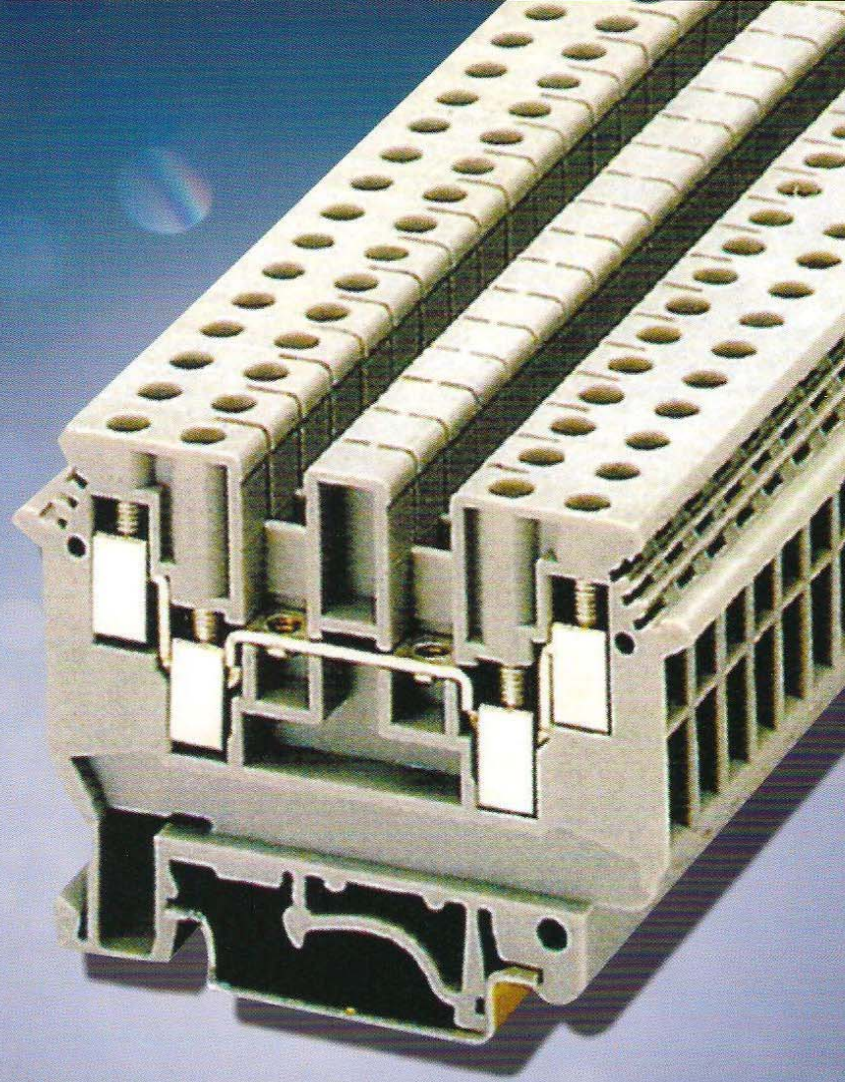


Cixi Chongshou Weida Electrical Accessory factory is located in Cixi City in Zhejiang Province of East China Sea and Hangzhou Bay New Zone, backed by endless sea Factory verge of National Trunk through Hangzhou Bay Bridge connects Shanghai for New Area development unprecedented business opportunities. I plant specializing in the production of PCB terminals, hardware, electrical, plastic and so on.

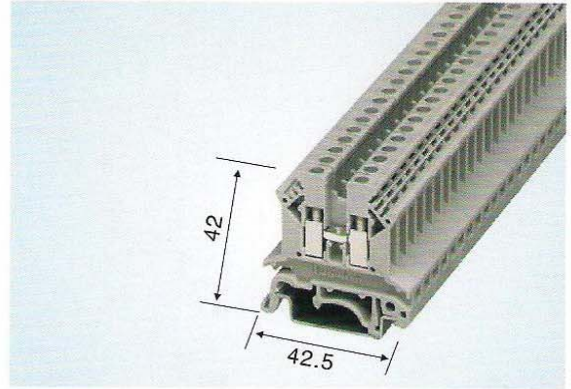
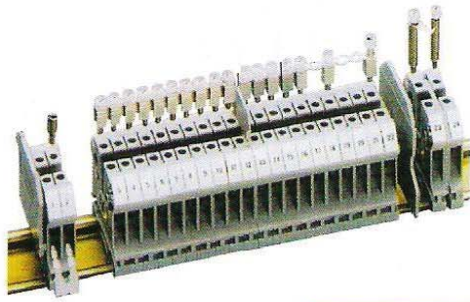
The enterprises in the exhibition process, has set up a R & D, manufacturing, quality management, sales and service of one-stop system. At R & D process, to enhance the precision of the stamping and precision tooling and high-quality injection molding process. In the manufacturing process have been equipped with a fully automated manufacturing process, improve the overall quality and competitiveness of sales, service, and domestic-oriented enterprises and high-quality clients. Products are widely used in electric power systems and automation equipment, communications equipment, control instrumentation, rail transportation and other industries to provide high-quality international products. At the same time in order to meet the special requirements of customers, providing commissioned R & D and manufacture of professional services, an effective solution to customers in the wiring system of a major problem.

Companies adhering to the "customer first, forge ahead" business philosophy, adhere to the "customers first" principle of providing our customers with quality service.

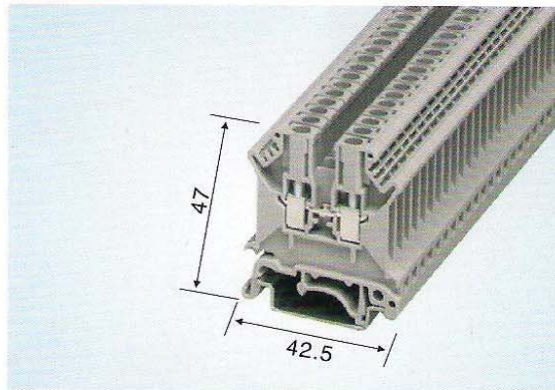
 **WEI DA
DIANZI**



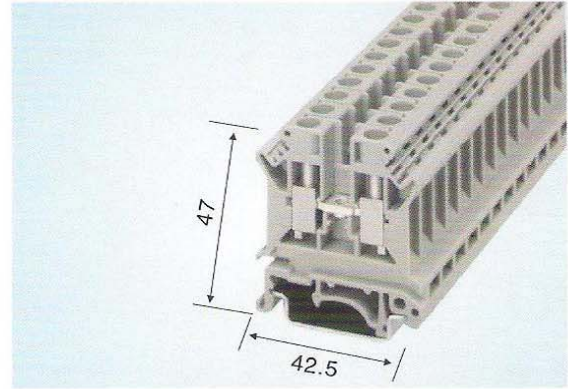
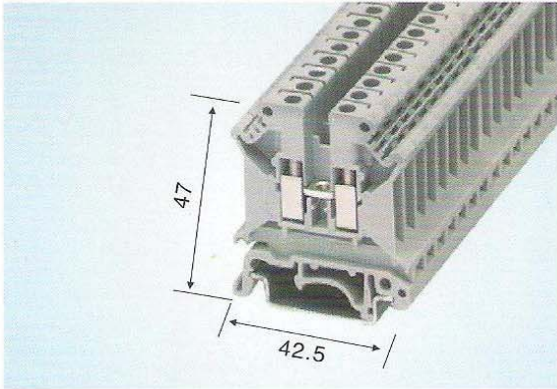
Weida Electrical Accessory Factory



	6.2
UK 2.5B	(WB6)
Rated voltage U_n	800V
Rated current I_n	32A
Rated cross-section	4mm ²
Rated surge voltage	8000V/min
Material	PA66 / Alloy copper / Red copper
Stripping length	7mm
Strew-thread	M3
Tightening torque	0.6–0.8Nm
Inflammability class acc.toUL94	V0
Order No	7198001

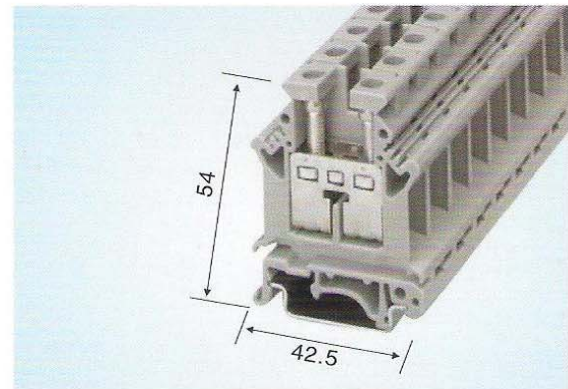
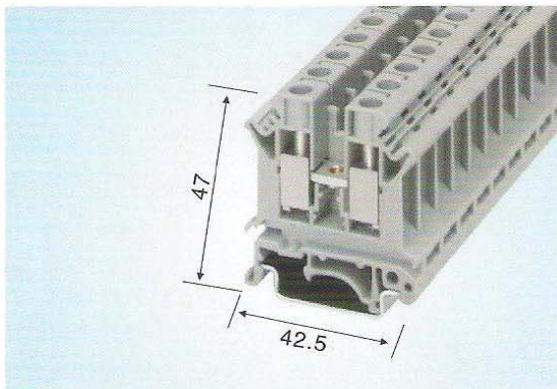


	5.2
UK 3N	(WB5)
Rated voltage U_n	800V
Rated current I_n	24A
Rated cross-section	4mm ²
Rated surge voltage	8000V/min
Material	PA66 / Alloy copper / Red copper
Stripping length	8mm
Strew-thread	M3
Tightening torque	0.6–0.8Nm
Inflammability class acc.toUL94	V0
Order No	7198002



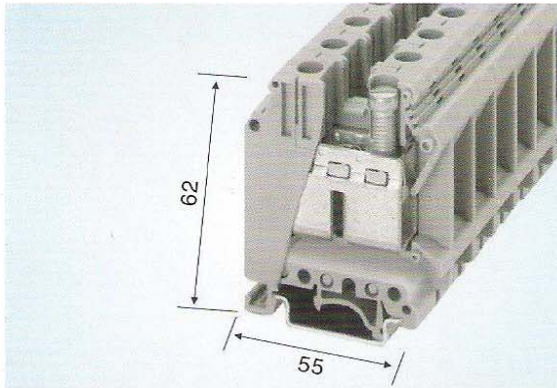
5.2	
UK 5N	(WB6)
Rated voltage U_N	800V
Rated current I_N	32A
Rated cross-section	6mm ²
Rated surge voltage	8000V/min
Material	PA66 / Alloy copper / Red copper
Stripping length	8mm
Screw-thread	M3
Tightening torque	0.6–0.8Nm
Inflammability class acc.toUL94	V0
Order No	7198003

8.2	
UK 6N	(WB8)
Rated voltage U_N	800V
Rated current I_N	41A
Rated cross-section	10mm ²
Rated surge voltage	8000V/min
Material	PA66 / Alloy copper / Red copper
Stripping length	10mm
Screw-thread	M4
Tightening torque	1.5–1.8Nm
Inflammability class acc.toUL94	V0
Order No	7198004

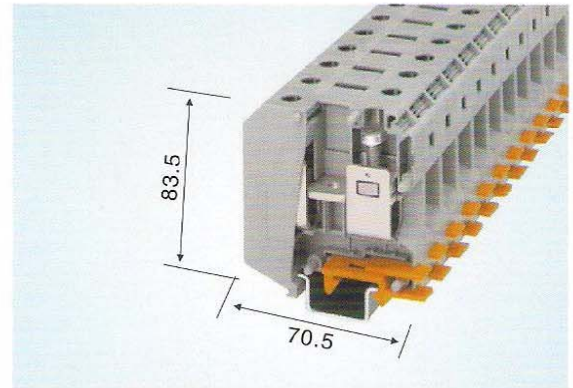


10.2	
UK 10N	(WB10)
Rated voltage U_N	800V
Rated current I_N	57A
Rated cross-section	16mm ²
Rated surge voltage	8000V/min
Material	PA66 / Alloy copper / Red copper
Stripping length	10mm
Screw-thread	M4
Tightening torque	1.5–1.8Nm
Inflammability class acc.toUL94	V0
Order No	7198005

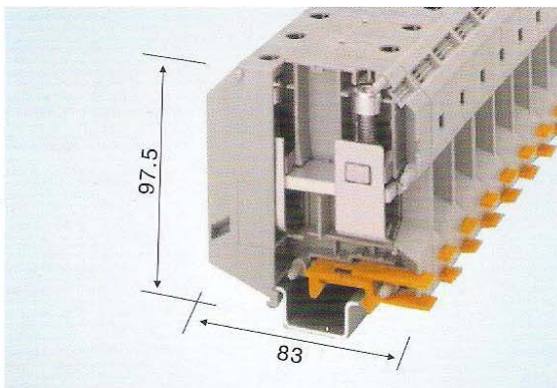
12.2	
UK 16N	(WB10)
Rated voltage U_N	800V
Rated current I_N	76A
Rated cross-section	25mm ²
Rated surge voltage	8000V/min
Material	PA66 / Alloy copper / Red copper
Stripping length	11mm
Screw-thread	M4
Tightening torque	1.5–1.8Nm
Inflammability class acc.toUL94	V0
Order No	7198006



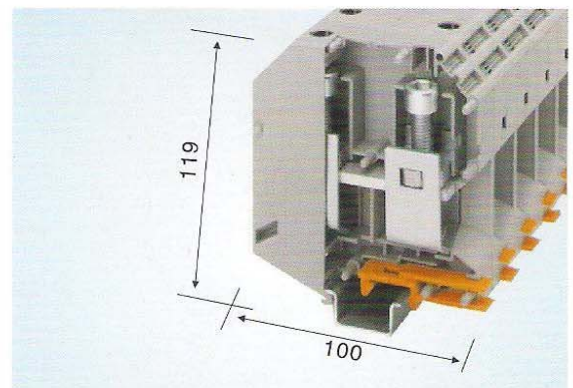
15.2	
UK 35N	(WB10)
Rated voltage U_N	1000V
Rated current I_N	150A
Rated cross-section	50mm ²
Rated surge voltage	6000V/min
Material	PA66/ Alloy copper
Stripping length	16mm
Strew-thread	M6
Tightening torque	3.2–3.7Nm
Inflammability class acc.toUL94	V0
Order No	7198107



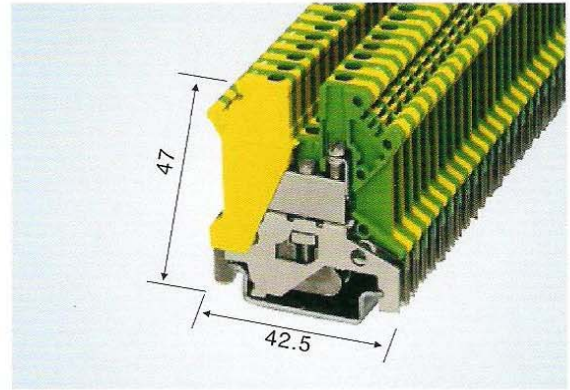
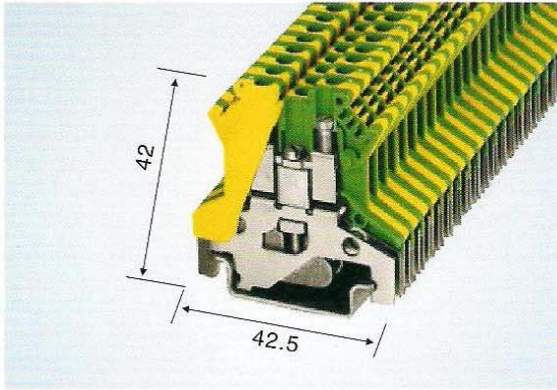
20.0	
UKH 50	(WB10)
Rated voltage U_N	1000V
Rated current I_N	150A
Rated cross-section	70mm ²
Rated surge voltage	8000V/min
Material	PA66/ Alloy copper
Stripping length	24mm
Strew-thread	M6
Tightening torque	6–8Nm
Inflammability class acc.toUL94	V0
Order No	7198108



25.0	
UKH 95	(WB10)
Rated voltage U_N	1000V
Rated current I_N	232A
Rated cross-section	95mm ²
Rated surge voltage	8000V/min
Material	PA66/ Alloy copper
Stripping length	33mm
Strew-thread	M8
Tightening torque	15–20Nm
Inflammability class acc.toUL94	V0
Order No	7198109

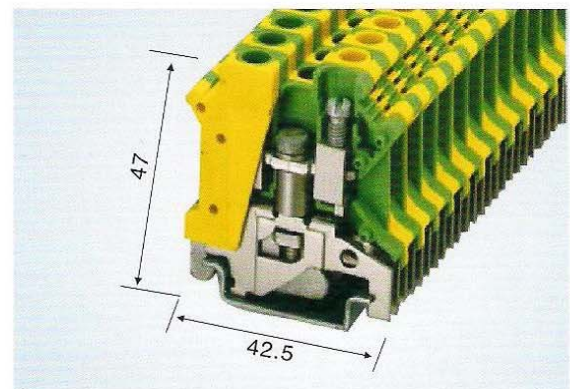
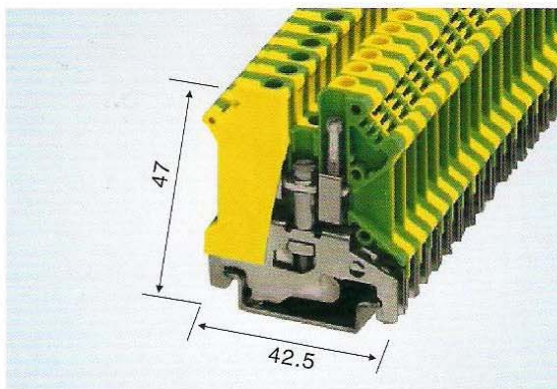


31.0	
UKH 150	(WB10)
Rated voltage U_N	1000V
Rated current I_N	309A
Rated cross-section	150mm ²
Rated surge voltage	8000V/min
Material	PA66/ Alloy copper
Stripping length	40mm
Strew-thread	M10
Tightening torque	25–30Nm
Inflammability class acc.toUL94	V0
Order No	7198110



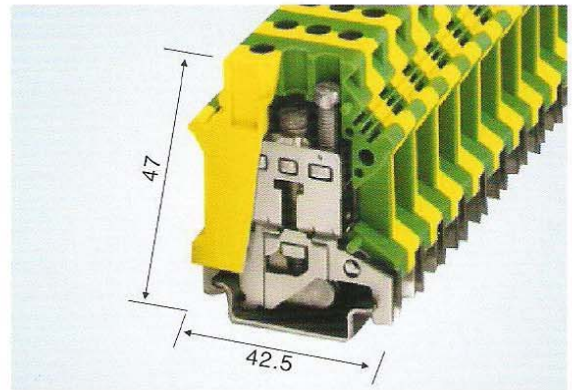
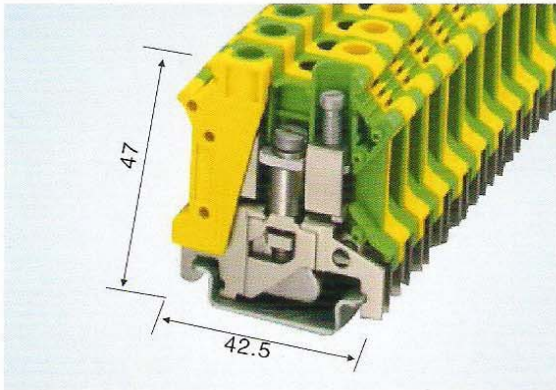
6.2	
USLKG 2.5	(WB6)
Rated voltage U_N	
Rated current I_N	32A
Rated cross-section	4mm ²
Rated surge voltage	6000V/min
Material	PA66 / Alloy copper
Stripping length	7mm
Strew-thread	M3
Tightening torque	0.6–0.8Nm
Inflammability class acc.toUL94	V0
Order No	7298001

5.2	
USLKG 3	(WB5)
Rated voltage U_N	
Rated current I_N	34A
Rated cross-section	4mm ²
Rated surge voltage	8000V/min
Material	PA66 / Alloy copper
Stripping length	8mm
Strew-thread	M3
Tightening torque	0.6–0.8Nm
Inflammability class acc.toUL94	V0
Order No	7298002



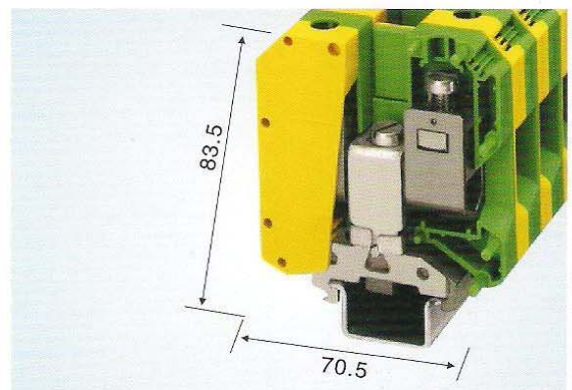
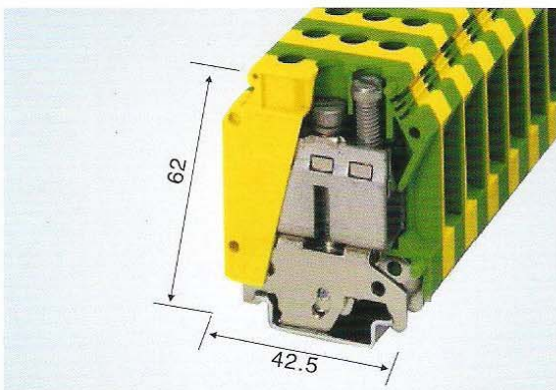
6.2	
USLKG 5	(WB6)
Rated voltage U_N	
Rated current I_N	34A
Rated cross-section	6mm ²
Rated surge voltage	8000V/min
Material	PA66 / Alloy copper
Stripping length	8mm
Strew-thread	M3
Tightening torque	0.6–0.8Nm
Inflammability class acc.toUL94	V0
Order No	7298003

8.2	
USLKG 6	(WB8)
Rated voltage U_N	
Rated current I_N	37A
Rated cross-section	10mm ²
Rated surge voltage	8000V/min
Material	PA66 / Alloy copper
Stripping length	10mm
Strew-thread	M4
Tightening torque	1.5–1.8Nm
Inflammability class acc.toUL94	V0
Order No	7298004



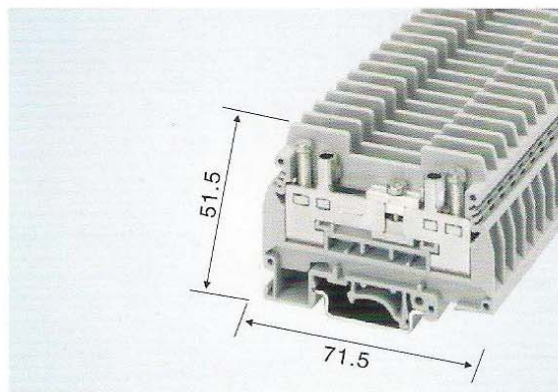
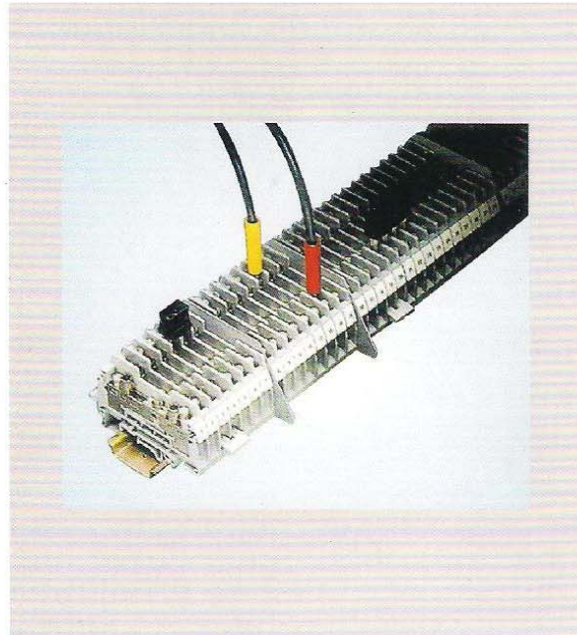
10.2	
USLKG 10	(WB10)
Rated voltage U_N	
Rated current I_N	61A
Rated cross-section	10mm ²
Rated surge voltage	8000V/min
Material	PA66 / Alloy copper
Stripping length	10mm
Strew-thread	M4
Tightening torque	1.5–1.8Nm
Inflammability class acc.toUL94	V0
Order No	7298005

12.2	
USLKG 16	(WB5)
Rated voltage U_N	
Rated current I_N	82A
Rated cross-section	16mm ²
Rated surge voltage	8000V/min
Material	PA66 / Alloy copper
Stripping length	11mm
Strew-thread	M4
Tightening torque	1.5–1.8Nm
Inflammability class acc.toUL94	V0
Order No	7298006

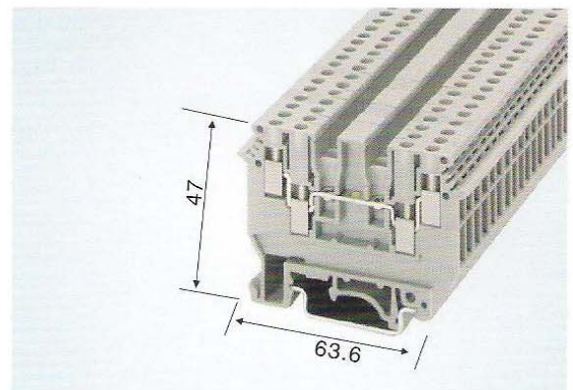
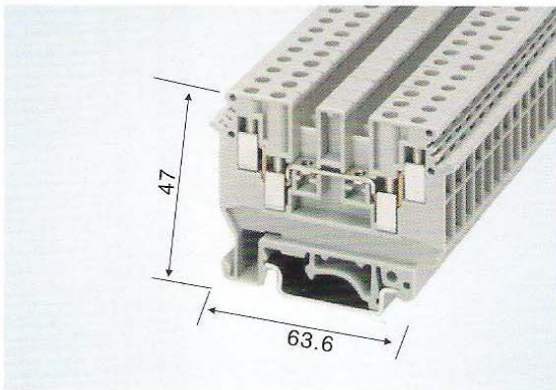


15.2	
USLKG 35	(WB6)
Rated voltage U_N	
Rated current I_N	150A
Rated cross-section	50mm ²
Rated surge voltage	8000V/min
Material	PA66 / Alloy copper
Stripping length	15mm
Strew-thread	M6
Tightening torque	3.2–3.7Nm
Inflammability class acc.toUL94	V0
Order No	7298007

20.5	
USLKG 50	(WB10)
Rated voltage U_N	
Rated current I_N	150A
Rated cross-section	70mm ²
Rated surge voltage	8000V/min
Material	PA66 / Alloy copper
Stripping length	24mm
Strew-thread	M6
Tightening torque	6–8Nm
Inflammability class acc.toUL94	V0
Order No	7298008

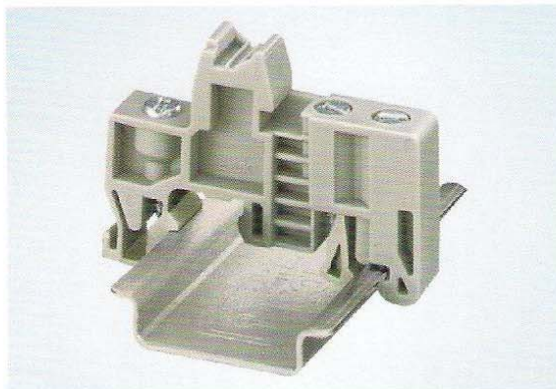


8.2	
URTK/S	(WB8)
Rated voltage U_n	400V
Rated current I_n	41A
Rated cross-section	10mm ²
Rated surge voltage	6000V/min
Material	PA66 / Alloy copper
Stripping length	13mm
Strew-thread	M4
Tightening torque	1.2-1.5Nm
Inflammability class acc.toUL94	V0
Order No	7398001



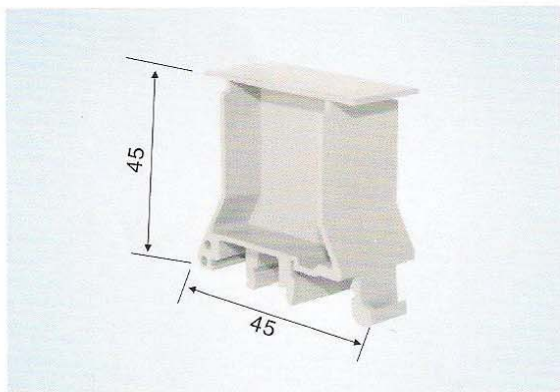
端子厚度6.2	
UDK 3	(WB6)
Rated voltage U_N	500V
Rated current I_N	24A
Rated cross-section	4mm ²
Rated surge voltage	6000V/min
Material	PA66 / Alloy copper
Stripping length	8mm
Strew-thread	M3
Tightening torque	0.5-0.6Nm
Inflammability class acc.toUL94	V0
Order No	7498001

端子厚度6.2	
UDK 4	(WB6)
Rated voltage U_N	630V
Rated current I_N	32A
Rated cross-section	6mm ²
Rated surge voltage	8000V/min
Material	PA66 / Alloy copper
Stripping length	8mm
Strew-thread	M3
Tightening torque	0.5-0.6Nm
Inflammability class acc.toUL94	V0
Order No	7498002



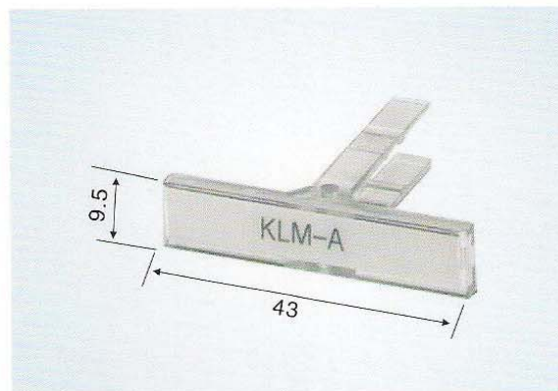
E/UK

Material	PA66
Width	9.5mm
Inflammability class acc.toUL94	V0
Color	gray
Order No	1098001



UBE/D

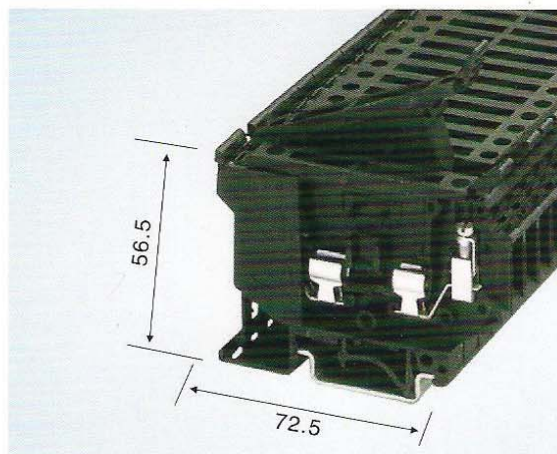
Material	PA66
Width	20mm
Inflammability class acc.toUL94	V0
Color	gray
Ambient temperature	-40°C/+100°C
Order No	1198001



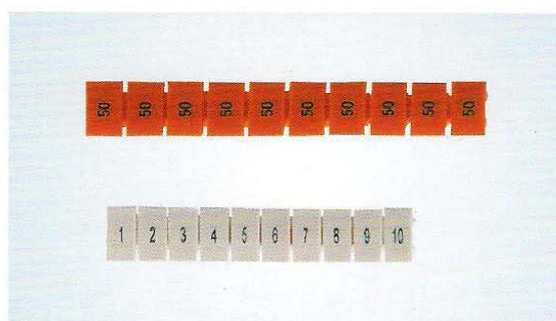
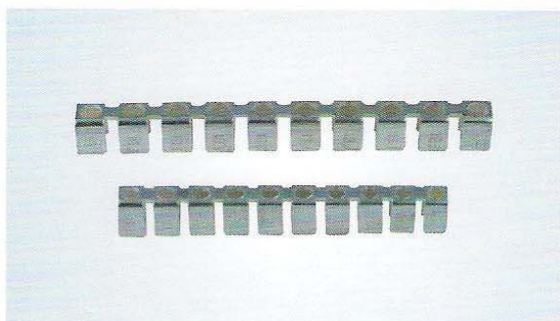
KLM-A

Material	ABS
Width	9.5mm
Color	transparent
Ambient temperature	-40°C/+80°C
Order No	1298001

UK 10-DRHESI



	8.2
UK 5-HESI	(WB8)
Rated voltage U_N	500V
Rated current I_N	6.3A
Rated cross-section	4mm ²
Rated surge voltage	6000V/min
Material	PA66 / Alloy copper / Red copper
Stripping length	8mm
Strew-thread	M3
Tightening torque	0.5-0.6Nm
Inflammability class acc.toUL94	V0
Fuse	5x20.5x25.5x30mm
Order No	8098001

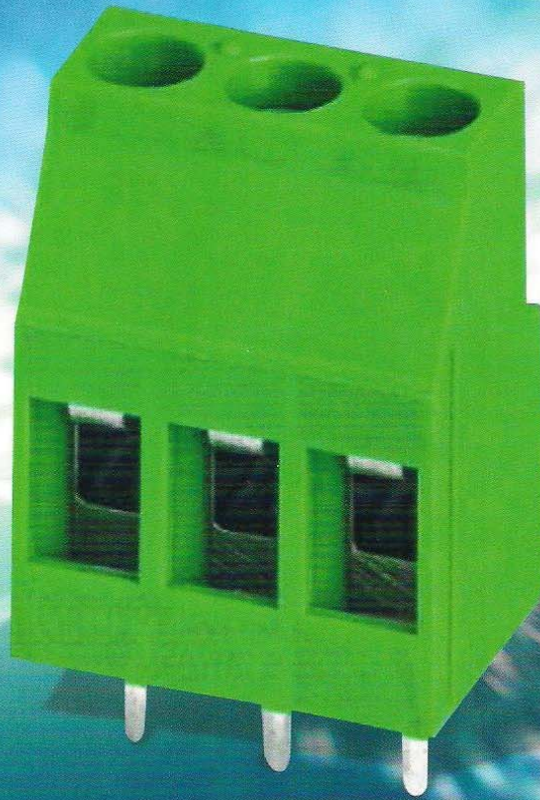


FBI10/6-8

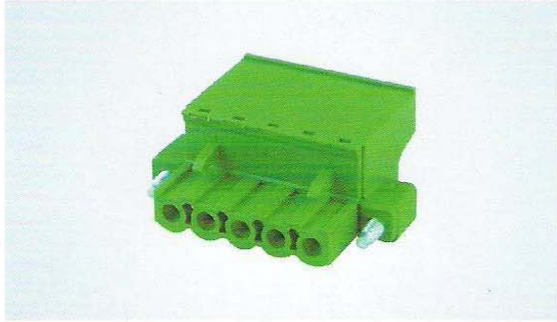
Material	Electrolytic copper
Temperature range	
Inflammability class acc.toUL94	V0
Order No	1398006

WB

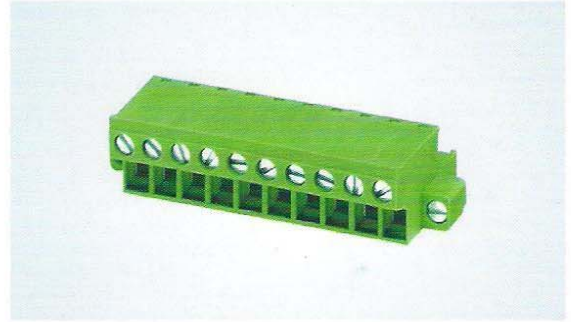
Material	PA
Temperature range	-40°C/+150°C
Inflammability class acc.toUL94	V0
Order No	1498006



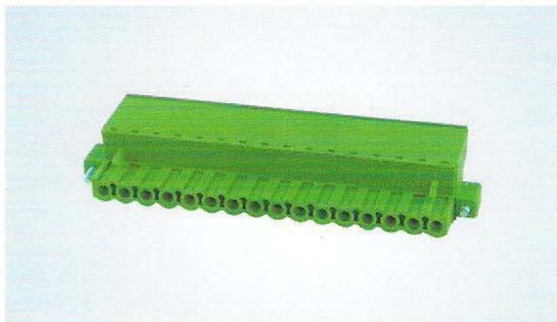
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MSA2.5/5-F-5.08

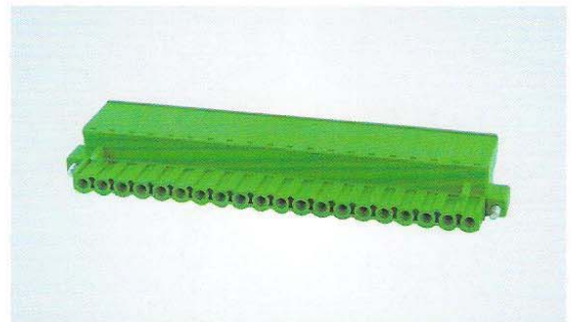
Pitch	5.08mm
Material	PA66/Fine steel /Phosphor bronze
Rated voltage U_N	250V
Rated current I_N	12A
Resistance to accept	0.001 Ω
Rated surge voltage	4000V/min
Stripping length	10 mm
Tightening torque	0.5-0.6Nm
Rated cross-section	0.5-2.5m ²
Temperature range	-40°C/+150°C
Inflammability class acc.toUL94	V0
Order No	9198005


MSA2.5/10-F-5.08

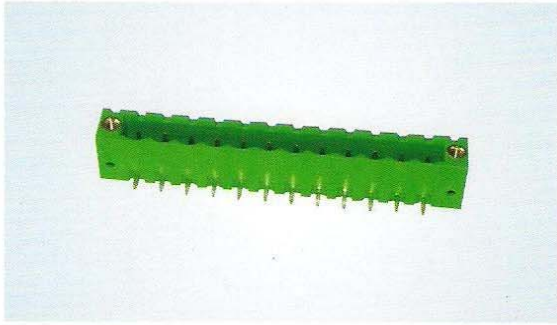
Pitch	5.08mm
Material	PA66/Fine steel /Phosphor bronze
Rated voltage U_N	250V
Rated current I_N	12A
Resistance to accept	0.001 Ω
Rated surge voltage	4000V/min
Stripping length	10 mm
Tightening torque	0.5-0.6Nm
Rated cross-section	0.5-2.5m ²
Temperature range	-40°C/+150°C
Inflammability class acc.toUL94	V0
Order No	9198010


MSA2.5/16-F-5.08

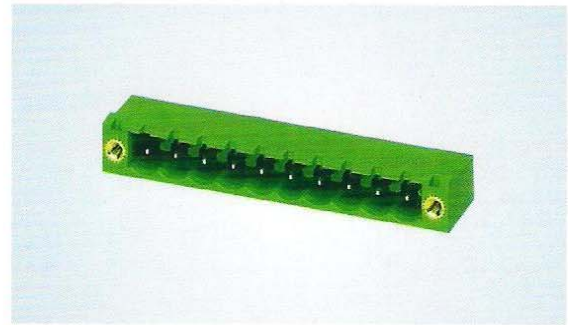
Pitch	5.08mm
Material	PA66/Fine steel /Phosphor bronze
Rated voltage U_N	250V
Rated current I_N	12A
Resistance to accept	0.001 Ω
Rated surge voltage	4000V/min
Stripping length	10 mm
Tightening torque	0.5-0.6Nm
Rated cross-section	0.5-2.5m ²
Temperature range	-40°C/+150°C
Inflammability class acc.toUL94	V0
Order No	9198016


MSA2.5/20-F-5.08

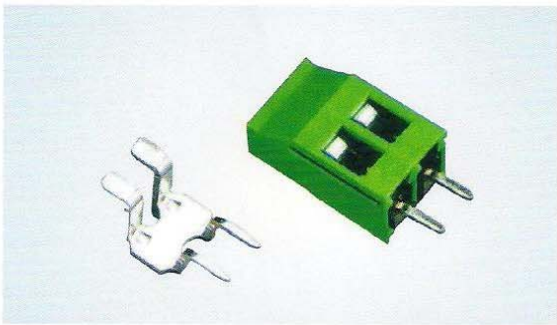
Pitch	5.08mm
Material	PA66/Fine steel /Phosphor bronze
Rated voltage U_N	250V
Rated current I_N	12A
Resistance to accept	0.001 Ω
Rated surge voltage	4000V/min
Stripping length	10 mm
Tightening torque	0.5-0.6Nm
Rated cross-section	0.5-2.5m ²
Temperature range	-40°C/+150°C
Inflammability class acc.toUL94	V0
Order No	9198020


FSWBA2.5/12-5.08

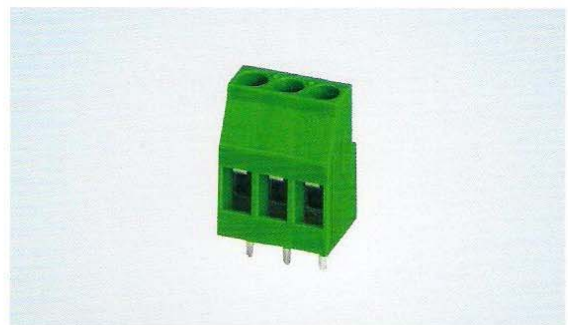
Pitch	5.08mm
Material	Alloy copper, PBT
Rated voltage U_N	250V
Rated current I_N	12A
Resistance to accept	0.001 Ω
Rated surge voltage	4000V/min
Stripping length	
Tightening torque	
Rated cross-section	
Temperature range	-40°C/+150°C
Inflammability class acc.toUL94	V0
Order No	9098012


FSCBA2.5/12-5.08

Pitch	5.08mm
Material	Alloy copper, PBT
Rated voltage U_N	250V
Rated current I_N	12A
Resistance to accept	0.001 Ω
Rated surge voltage	4000V/min
Stripping length	
Tightening torque	
Rated cross-section	
Temperature range	-40°C/+150°C
Inflammability class acc.toUL94	V0
Order No	9298012


WD2.5/2-S-5.08

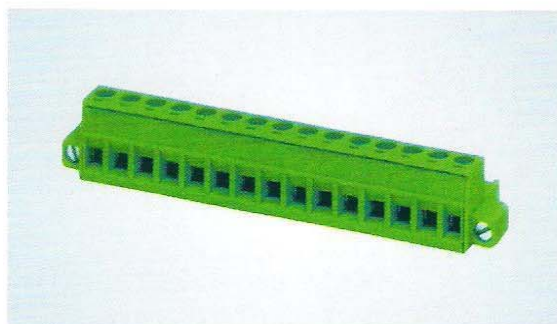
Pitch	5.08mm
Material	PA66/Phosphor bronze
Rated voltage U_N	250V
Rated current I_N	24A
Resistance to accept	0.001 Ω
Rated surge voltage	4000V/min
Stripping length	8 mm
Tightening torque	0.5-0.6Nm
Rated cross-section	2.5m ²
Temperature range	-40°C/+150°C
Inflammability class acc.toUL94	V0
Order No	9398002


WD2.5/3-S-5.08

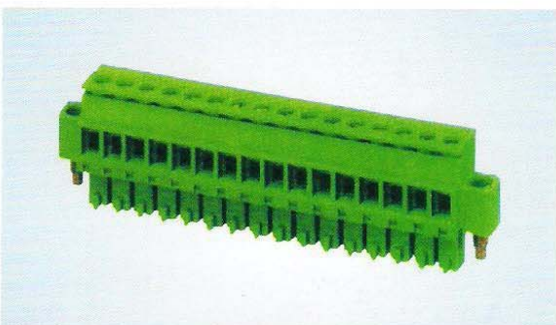
Pitch	5.08mm
Material	PA66/Phosphor bronze
Rated voltage U_N	250V
Rated current I_N	24A
Resistance to accept	0.001 Ω
Rated surge voltage	4000V/min
Stripping length	8 mm
Tightening torque	0.5-0.6Nm
Rated cross-section	2.5m ²
Temperature range	-40°C/+150°C
Inflammability class acc.toUL94	V0
Order No	9398003


WD2.5/10-L-5.08

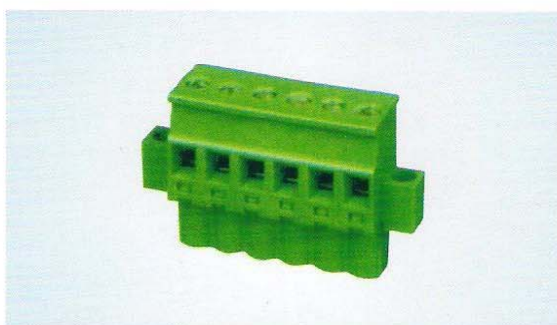
Pitch	5.08mm
Material	PA66/Phosphor bronze
Rated voltage U_N	250V
Rated current I_N	12A
Resistance to accept	0.001 Ω
Rated surge voltage	4000V/min
Stripping length	7 mm
Tightening torque	0.5-0.6Nm
Rated cross-section	2.5m ²
Temperature range	-40°C/+150°C
Inflammability class acc.toUL94	V0
Order No	9498010


WD2.5/16-L-5.08

Pitch	5.08mm
Material	PA66/Phosphor bronze
Rated voltage U_N	250V
Rated current I_N	12A
Resistance to accept	0.001 Ω
Rated surge voltage	4000V/min
Stripping length	7 mm
Tightening torque	0.5-0.6Nm
Rated cross-section	2.5m ²
Temperature range	-40°C/+150°C
Inflammability class acc.toUL94	V0
Order No	9498016


WD2.5/16-I-5.08

Pitch	5.08mm
Material	PA66/Phosphor bronze
Rated voltage U_N	250V
Rated current I_N	12A
Resistance to accept	0.001 Ω
Rated surge voltage	4000V/min
Stripping length	7 mm
Tightening torque	0.5-0.6Nm
Rated cross-section	2.5m ²
Temperature range	-40°C/+150°C
Inflammability class acc.toUL94	V0
Order No	9598016


WD2.5/6-I-5.08

Pitch	5.08mm
Material	PA66/Phosphor bronze
Rated voltage U_N	250V
Rated current I_N	12A
Resistance to accept	0.001 Ω
Rated surge voltage	4000V/min
Stripping length	7 mm
Tightening torque	0.5-0.6Nm
Rated cross-section	2.5m ²
Temperature range	-40°C/+150°C
Inflammability class acc.toUL94	V0
Order No	9598006

WEIDA products are all made of form materials up to electric industry standards, which are quality-controlled by ISO 9001:2000 certification. To choose those materials that are environmental protection is one of WEIDA most important bases,

► **Spring clipping Material**

All clipping spring used by WEIDA terminal block is of high-electric nickel-chrome spring steel, CrNi. It has good tensile strength and corrosion resistant property proved by many years of practical experience. It can resist salty fog from ocean, exhaust gas in cities and industrial gas, such as: sulfur dioxide and hydrogen sulfide. When it's common 22°C, it can resist 30% brine solution and 30% phosphoric acid.

► **Electric Conduction Material**

As electronic conduction material, copper has outstanding electronic and mechanical properties. Copper with different natures can meet WEIDA terminal block shape requirement for electric conduction parts, and the electrical requirement without rupture danger when stressed. Copper conductor is plated with tin which makes it a better electric contactor with minor electric resistance. Tin-plated surface has good electric conducting and anticorrosive effects. Tin-plated processing can protect the antiwear ability of PCB terminal blocks and connector. To increase their antiwear ability, connectors are also plated with tin to keep the same lasting welding effect.

Electrical Insulating Material:

As an excellent insulation material, Nylon 6.6 is always the first option for manufacturing the housing of terminal blocks and connectors; it is also accepted by most of the international testing organizations. Because of its excellent anti-puncturing against leaked current, which could reduce the air and the creeping distance of leaked current, Nylon has been used as the basic materials for WEIDA terminal blocks. Nylon 6.6 has strength, rigidity and resist most chemical corrosion and has been ranked as 2 flame retardant rating: V0 or V2. Modified nylon 6.6 adopted by WEIDA terminal blocks do not contain halogen, fluorocarbon, chlorine-carbohydrate, silicon, asbestos, cadmium, formaldehyde, so all electrical insulating materials applied in WEIDA terminal block do not contain poisonous elements.



► Spring Clipping Material

All clipping spring used by WEIDA terminal blocks is of high-quality and careful-chosen nickel-chrome spring steel CrNi. It has good tensile strength and corrosion resistant property proved by many years of practical experience. It can resist salty fog from ocean, exhaust gas in cities and industrial gas, such as: sulfur dioxide and hydrogen sulfide. When it is at common 22°C, it can resist 30% brine solution and 30% phosphoric acid.

I. Comparison between Spring Clipping and Screw Clamping:

A usage survey of WEIDA terminal block in wide range of clients has approved, taking manual wire-connecting for example, that it costs spring clipping 50% less time than of screw clamping. And spring clipping still holds the advantages when it comes to electric screwing. (One can save more time if omitting some preparation steps such as pressing the end of the wire tightly, connecting cold joints or tin applying, etc.)

Screw clamping connection "wholly depends on manual operator", that means its tightness is decided by operator's judgment. This will be more or less managed by operators or by certain values from special torsion screw driver manufacturers. When connecting wires on-site, it is even more difficult to assure proper tightness of screw clamping. Spring's characteristic of clipping automatically may allow unskilled operators to finish connecting with perfect joint. Whoever operates will make the same exact joint and the tool is just a standard screwdriver, WEIDA spring terminal block has different connecting ways, including front, side and 45° angle entry.

Connecting steps: insert a tool?insert conducting wire without insulating coat?extract the tool and then the conducting wire is clipped automatically.

WEIDA spring terminal block--adjust clipping power automatically according to different diameters of conducting wire, reach the same high-quality connection no matter operators are skillful or not.

WEIDA spring terminal block---airtight connection, minor contact resistance, anticorrosive, anti-vibration, shock resistance.

II. Advantages of spring clipping terminal block:

Unlike screw terminal block, spring terminal block needn't to be checked often or rescrewed because of the loose connection for vibration, temperature circulation, or broken screw thread. With its fixed reliability, spring terminal block will decrease machine halting time and maintenance frequency. According to statistics that 35%~50% equipment maintenance is because of bad connection. Considering the high maintenance cost and the loss of manufacturing time, saving in such a project is very necessary. For security, reliability and convenience of obstacle avoidance, many industrial standards and national standards regulate that "every clamping point can only be with one conducting wire". WEIDA spring terminal block can provide clients with terminal blocks that are with two-wire connector, three- or four-wire connectors. In both cases, every wire has its own tight connection joint and it does not take much time space than two-wire terminal block.

Spring clipping is designed to have proportional clipping power with different types of wire. Thicker the wire is, more powerful clipping is. Combining special curved surface of guide tube with flat and smooth spring surface, it can give tight connection without damaging wires. At the same time, the angle of spring is designed to be with special property, and the clipping will be more powerful when it is pulled or drawn.

There is a complete entrance for conducting wire in WEIDA spring terminal block and connectors, which can hold wires tightly. Combining spring's special properties, outer housing of WEIDA terminal blocks can avoid twisted lines loosening by fixing conducting wire in contact area automatically.



Weida Electrical Accessory Factory

