

Fast wire connector Selection Guide

 *Always for your safety*



**WENZHOU ETEK
IMPORT & EXPORT CO.,LTD.**

COMPANY INTRODUCTION

WESTLEC is a professional exporter of low-voltage electrical products and accessories headquartered in Wenzhou, Zhejiang, China. We specialize in manufacturing and supplying terminal blocks, connectors, busbars, DIN rails and related components, which are widely applied in industrial automation, power distribution systems, electrical engineering and building electrical installations.

With a robust domestic supply chain network, we have established long-term partnerships with qualified manufacturers to ensure product consistency and reliability. Our products strictly comply with international standards including EN, IEC etc., while offering flexible customization options to meet specific project requirements. Backed by over 10 years of industry expertise, WESTLEC provides comprehensive solutions encompassing product selection, technical consultation, and efficient logistics support to global clients.

Looking ahead, WESTLEC remains committed to continuous product innovation and service enhancement. By integrating advanced technologies and sustainable practices, we aim to deliver smarter electrical connection solutions that drive efficiency and environmental responsibility across global markets. Our vision is to become a trusted partner for electrical professionals worldwide, contributing to safer and more intelligent power distribution systems.



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Quick Wire Connector Series

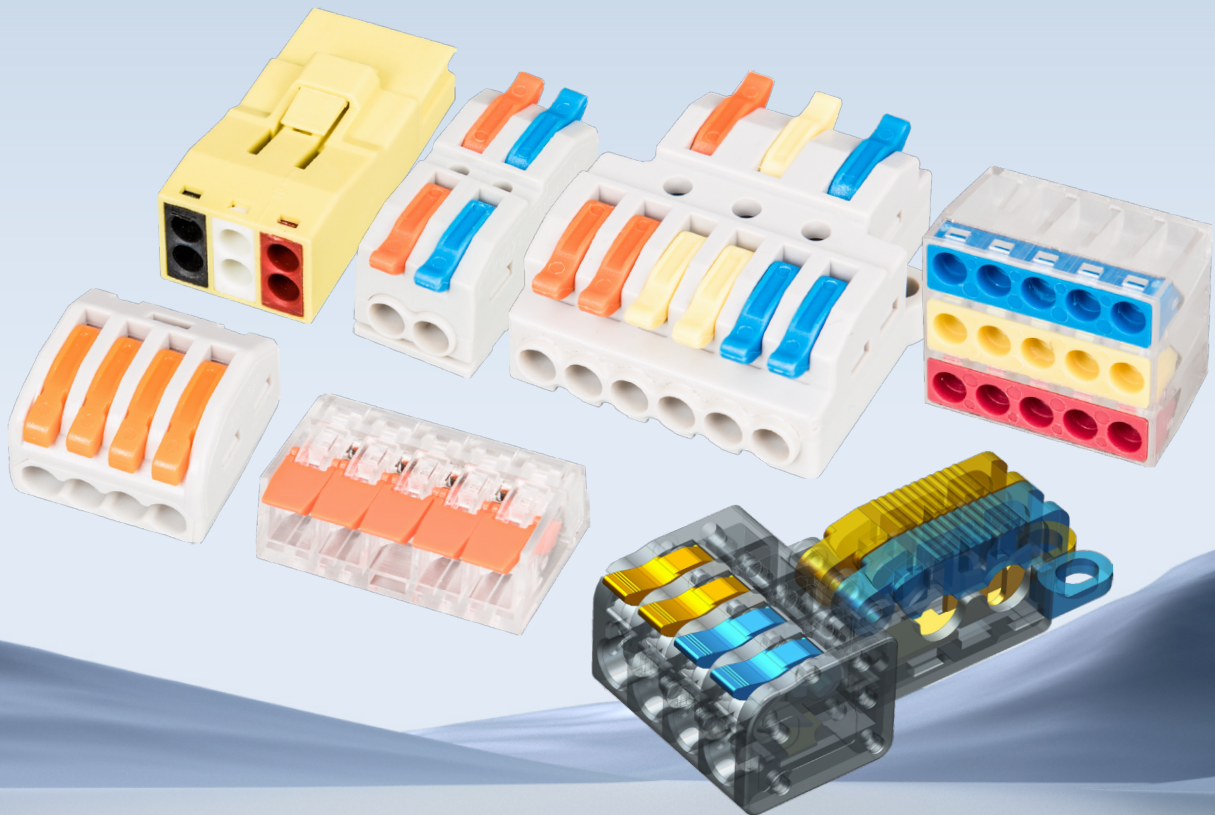
Wire connector series

The quick wire connector series is a revolutionary electrical connection product in order to provide a more convenient, efficient, and secure wiring solution, which can completely replacing traditional electrical tape. This connector includes a variety of specifications and types to meet the requirements of different scenarios. From simple one in one out to complex multiple in multiple out or even one in multiple out configurations, it offers flexible adaptability for various wiring layouts.

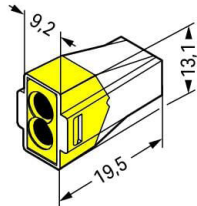
In terms of applicable wire range, it performs exceptionally well, accommodating 0.08 mm² up to 6 mm², no matter handling delicate circuits and thicker cables. With a current capacity from 10A to 55A and a voltage range of 24V to 800V, its broad parameter coverage makes it suitable for applications from household use to industrial environments.

Whether for home appliance wiring or complex industrial circuit installations, this connector delivers outstanding performance. Its innovative design ensures a fast and convenient connection process so that without complex operations or professional skills required can still make it easy for anyone to use.

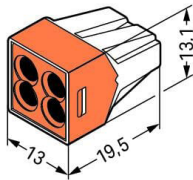
Additionally, the quick wire connector series provides superior safety, ensuring a secure and stable connection that effectively prevents issues like poor contact and short circuits, offering reliable protection for electrical safety. In summary, with its convenience, flexibility, and safety, the Quick Wire Connector is the ideal choice for all wiring scenarios, delivering a new experience and higher efficiency for your electrical connections.



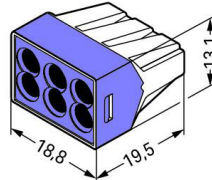
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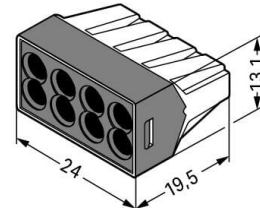
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KV773-106



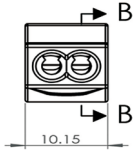
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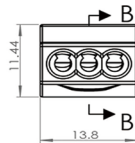
Technical parameter

Applicable Wire Gauge	0.75-4mm ² / 28-12 AWG
Temperature range	-25°C ~ 110°C
Rated Voltage	250V
Rated Current	24A
Contact resistance	≤ 0.015Ω
Insulation resistance	≥ 1000mΩ
Material	Shell: Nylon PA66/ Polycarbon PC (Nylon) UL94V-2 (0)
	Contact piece: Brass Tin/plated
	Spring buckle: Imported 301 stainless steel
Reach	15 tests
Allowance	±0.05mm

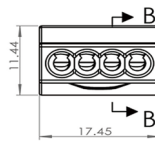
KV773-252



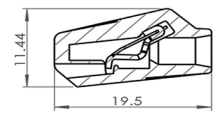
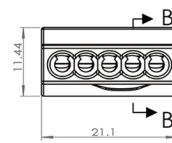
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KV773-254



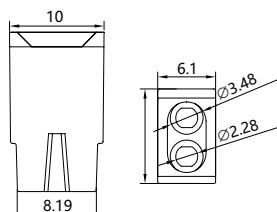
KV773-255



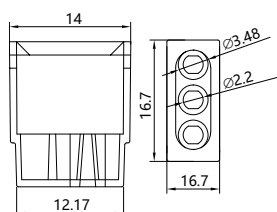
Technical parameter

Applicable Wire Gauge	0.5-2.5mm ² / 28-12 AWG
Temperature range	-25°C ~ +95°C
Rated Voltage	450V
Rated Current	24A
Contact resistance	≤ 0.015Ω
Insulation resistance	≥ 1000mΩ
Material	Shell: Nylon PA66/ Polycarbon PC (Nylon) UL94V-2 (0)
	Contact piece: Brass Tin/plated
	Spring buckle: Imported 301 stainless steel
Reach	15 tests
Allowance	±0.05mm

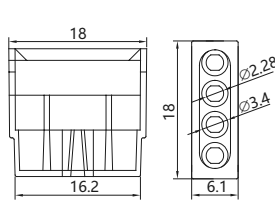
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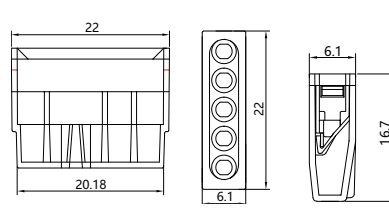
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KV773-204



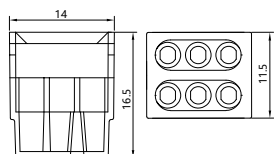
KV773-205



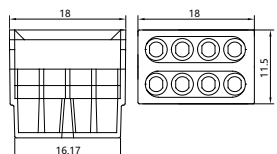
Technical parameter

Applicable Wire Gauge (Hard and flexible wire)	1.0-2.5mm ² / 28-12 AWG
Temperature range	-40°C ~95°C
Rated Voltage	400V
Rated Current	25A
Line number range Poles	N=02~8P
Pitch	4mm
Stripping length	7-8mm
Rate Impulse Voltage	4.0kV
Overvoltage Category	III
Pollution Degree	2
Pull	0.8 N.M/8Lb.in

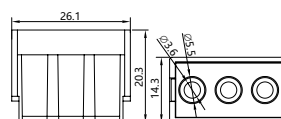
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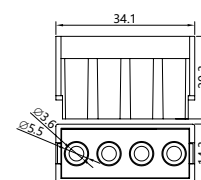
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KV773-173



KV773-174



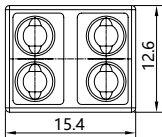
Technical parameter

Wire Range(rigid and flexible)	1.0-2.5mm ² /28-12 AWG
Operating temperature	-40°C ~95°C
Rated Voltage	400V
Rated Current	25A
Line number range Poles	N=02~8P
Pitch	4mm
Stripping length	7-8mm
Rate Impulse Voltage	4.0kV
Overvoltage Category	III
Pollution Degree	2
Pull	0.8 N.M / 8 Lb.in

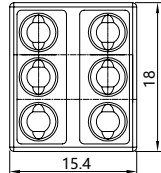
Technical parameter

Applicable Wire Gauge	0.5-6mm ² / 14-10 AWG
Temperature range	-25°C ~110°C
Rated Voltage	450V
Rated Current	32A
Contact resistance	≤ 0.015Ω
Insulation resistance	≥ 1000mΩ
Material	Shell: Nylon PA66/ Polycarbon PC (Nyion) UL94V-2 (0) Contact piece: Brass Tin/plated Spring buckle: Imported 301 stainless steel
Reach	15 tests

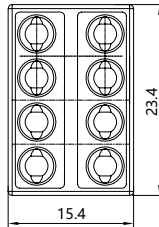
KV230-202



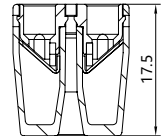
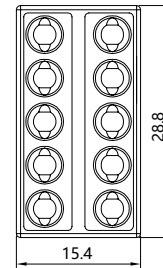
KV230-203



KV230-204



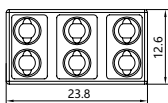
KV230-205



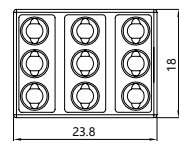
Technical parameter

Applicable Wire Gauge	0.5-4mm ² / 28-12AWG
Temperature range	-40°C ~105°C
Rated Voltage	250V/600V
Rated Current	32A
Contact resistance	≤ 0.015Ω
Insulation resistance	≥ 1000mΩ
Material	Shell: Nylon PA66/ Polycarbon PC (Nyion) UL94V-2 (0)
	Contact piece: Brass Tin/plated
	Spring buckle: Imported 301 stainless steel
Reach	15 tests
Allowance	±0.05mm

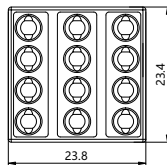
KV230-302



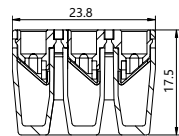
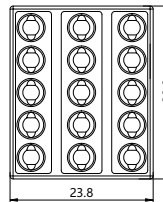
KV230-303



KV230-304



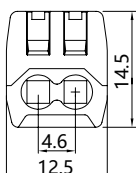
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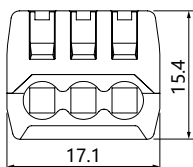
Technical parameter

Applicable Wire Gauge	0.5-4mm ² / 28-12AWG
Temperature range	-40°C ~+105°C
Rated Voltage	250V/600V
Rated Current	32A
Contact resistance	≤ 0.015Ω
Insulation resistance	≥ 1000mΩ
Material	Shell: Nylon PA66/ Polycarbon PC (Nyion) UL94V-2 (0)
	Contact piece: Brass Tin/plated
	Spring buckle: Imported 301 stainless steel
Reach	15 tests
Allowance	±0.05mm

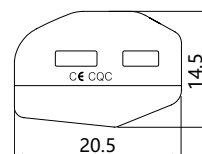
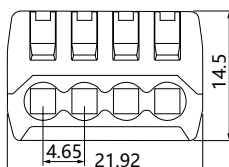
KV222-412



KV222-413



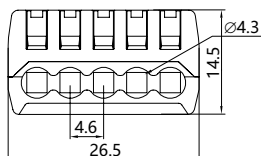
KV222-414



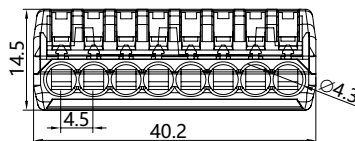
Technical parameter

Applicable Wire Gauge	0.2-4mm ² / 28-14AWG
Temperature range	-25°C ~95°C
Rated Voltage	250V Ac/Dc
Rated Current	32A
Contact resistance	≤ 0.015Ω
Insulation resistance	≥ 1000mΩ
Material	Shell: Nylon PA66/ Polycarbon PC (Nyion) UL94V-2 (0) Contact piece: Brass Tin/plated Spring buckle: Imported 301 stainless steel
Reach	15 tests
Allowance	±0.05mm

KV222-415



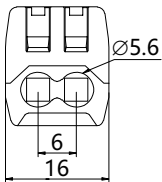
KV222-418



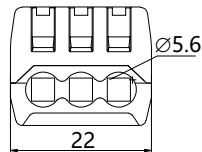
Technical parameter

Applicable Wire Gauge	0.2-4mm ² / 28-14AWG
Temperature range	-25°C ~95°C
Rated Voltage	250V Ac/Dc
Rated Current	32A
Contact resistance	≤ 0.015Ω
Insulation resistance	≥ 1000mΩ
Material	Shell: Nylon PA66/ Polycarbon PC (Nyion) UL94V-2 (0) Contact piece: Brass Tin/plated Spring buckle: Imported 301 stainless steel
Reach	15 tests
Allowance	±0.05mm

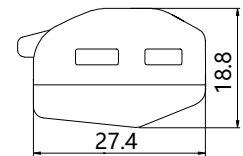
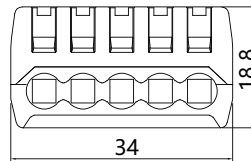
KV222-612



KV222-613



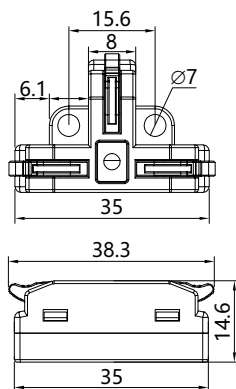
KV222-615



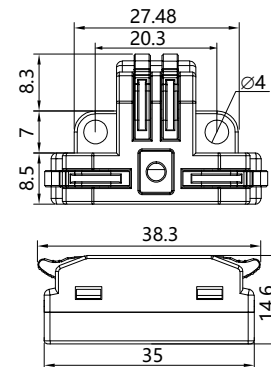
Technical parameter

Applicable Wire Gauge	0.5-6mm ² / 20-10 AWG
Temperature range	-25°C ~95°C
Rated Voltage	600V Ac/Dc
Rated Current	35-50A
Contact resistance	≤ 0.015Ω
Insulation resistance	≥ 1000mΩ
Material	Shell: Nylon PA66/ Polycarbon PC (Nyion) UL94V-2 (0) Contact piece: Brass Tin/plated Spring buckle: Imported 301 stainless steel
Reach	15 tests
Allowance	±0.05mm

T3



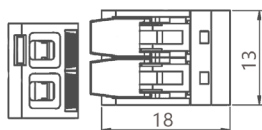
T4



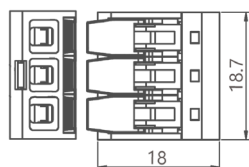
Technical parameter

Applicable Wire Gauge	0.5-4mm ² / 28-14AWG
Temperature range	-25°C ~95°C
Rated Voltage	250V/600V
Rated Current	32A
Contact resistance	≤ 0.015Ω
Insulation resistance	≥ 1000mΩ
Material	Shell: Nylon PA66/ Polycarbon PC (Nyion) UL94V-2 (0) Contact piece: Brass Tin/plated Spring buckle: Imported 301 stainless steel
Reach	15 tests
Allowance	±0.05mm

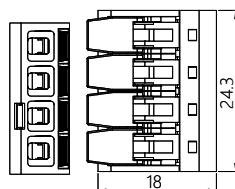
KV221-412



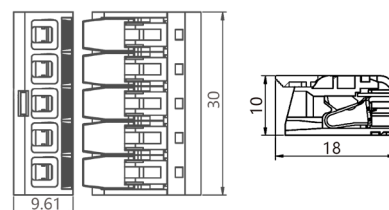
KV221-413



KV221-414



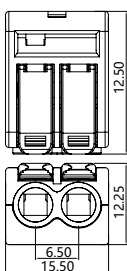
KV221-415



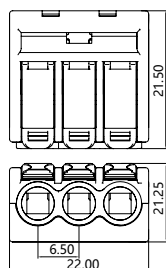
Technical parameter

Applicable Wire Gauge	0.2-4mm ² / 24-12 AWG
Temperature range	-25°C ~95°C
Rated Voltage	250V/600V
Rated Current	32A
Contact resistance	≤ 0.015Ω
Insulation resistance	≥ 1000mΩ
Material	Shell: Nylon PA66/ Polycarbon PC (Nyion) UL94V-2 (0) Contact piece: Brass Tin/plated Spring buckle: Imported 301 stainless steel
Reach	15 tests
Allowance	±0.05mm

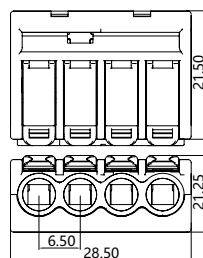
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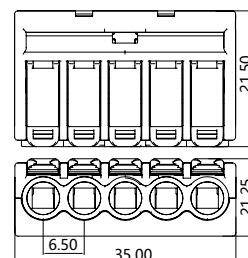
KV221-613



KV221-614



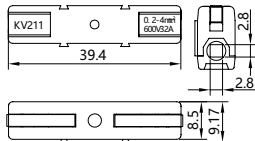
KV221-615



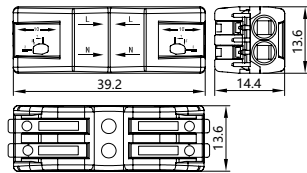
Technical parameter

Wire Rang (rigrd and flexible)	0.5-6/0.5-4mm ² / 20-10 AWG
Operating temperature	-40°C ~105°C
Rated Voltage	450V
Rated Current	41A
Insertion and extraction pulling force (N-m/Lb,in)	10
Line number range Poles	02-05P
Stripping length	10-12mm
Material	Shell: Nylon PA66/ Polycarbon PC (Nyion) UL94V-2 (0) Contact piece: Brass Tin/plated Spring buckle: Imported 301 stainless steel
Standard colcr number	Transparent/Grey

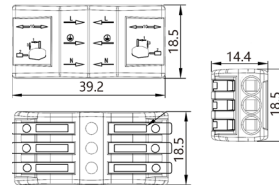
KV211



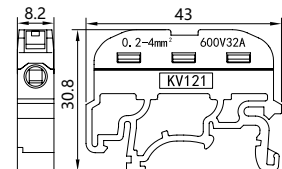
KV212



KV313



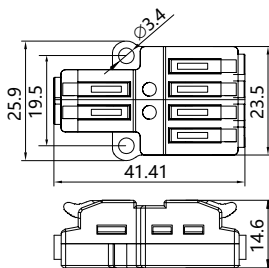
KV121



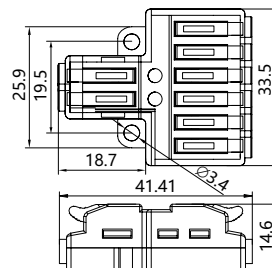
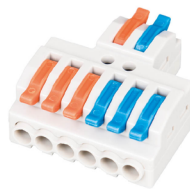
Technical parameter

Applicable Wire Gauge	0.2-4mm ² / 28-12 AWG
Temperature range	-25°C ~95°C
Rated Voltage	250V/600V
Rated Current	32A
Contact resistance	≤ 0.015Ω
Insulation resistance	≥ 1000mΩ
Material	Shell: Nylon PA66/ Polycarbon PC (Nyion) UL94V-2 (0) Contact piece: Brass Tin/plated Spring buckle: Imported 301 stainless steel
Reach	15 tests
Allowance	±0.05mm

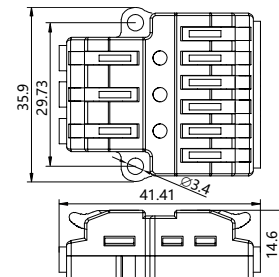
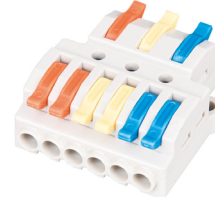
KV424 two in four out



KV426 two in six out



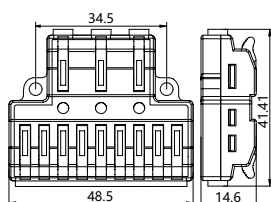
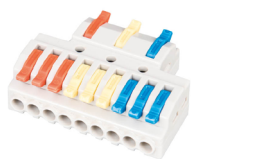
KV436 three in six out



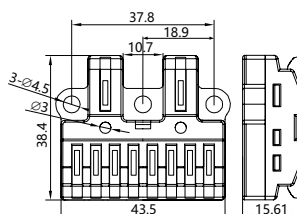
Technical parameter

Applicable Wire Gauge	0.5-4mm ² / 28-12 AWG
Temperature range	-25°C ~95°C
Rated Voltage	250V/600V
Rated Current	32A
Contact resistance	≤ 0.015Ω
Insulation resistance	≥ 1000mΩ
Material	Shell: Nylon PA66/ Polycarbon PC (Nyion) UL94V-2 (0) Contact piece: Brass Tin/plated Spring buckle: Imported 301 stainless steel
Reach	15 tests
Allowance	±0.05mm

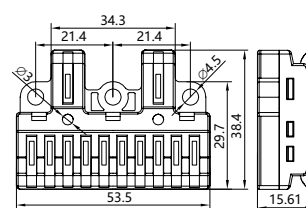
KV439 three in nine out



KV428 two in eight out



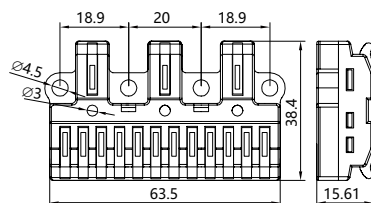
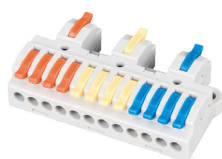
KV4210 two in ten out



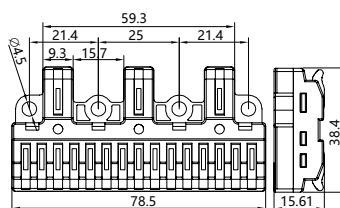
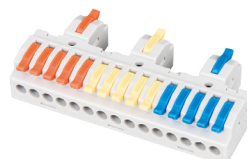
Technical parameter

Applicable Wire Gauge	0.5-4mm ² / 28-12 AWG
Temperature range	-25°C ~95°C
Rated Voltage	250V/600V
Rated Current	32A
Contact resistance	≤ 0.015Ω
Insulation resistance	≥ 1000mΩ
Material	Shell: Nylon PA66/ Polycarbon PC (Nyion) UL94V-2 (0) Contact piece: Brass Tin/plated Spring buckle: Imported 301 stainless steel
Reach	15 tests
Allowance	±0.05mm

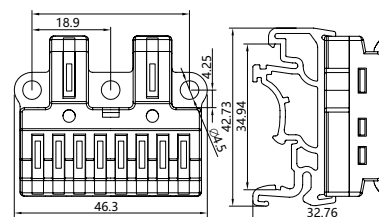
KV4312 three in twelve out



KV4315 three in fifteen out



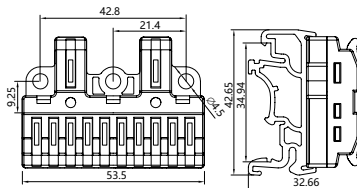
KV428G Guide rail two



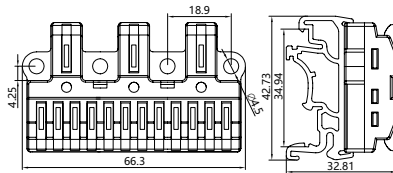
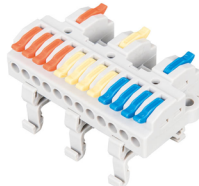
Technical parameter

Applicable Wire Gauge	0.5-4mm ² / 28-12 AWG
Temperature range	-25°C ~95°C
Rated Voltage	250V/600V
Rated Current	32A
Contact resistance	≤ 0.015Ω
Insulation resistance	≥ 1000mΩ
Material	Shell: Nylon PA66/ Polycarbon PC (Nyion) UL94V-2 (0) Contact piece: Brass Tin/plated Spring buckle: Imported 301 stainless steel
Reach	15 tests
Allowance	±0.05mm
Suitable guide	TH35-7.5

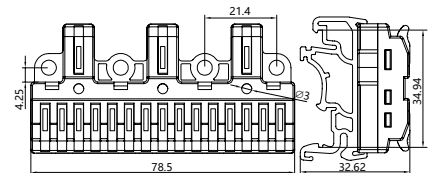
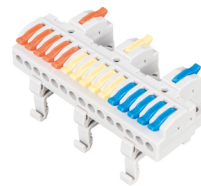
KV4210G Guide rail two in ten out



KV4312G Guide rail three in twelve out



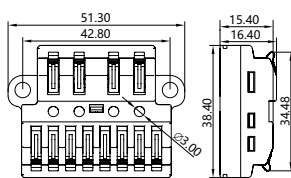
KV4315G Guide rail three in fifteen out



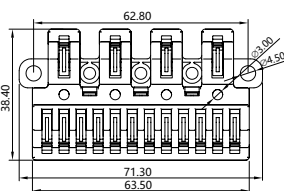
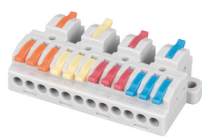
Technical parameter

Applicable Wire Gauge	0.5-4mm ² / 28-12 AWG
Temperature range	-25°C ~95°C
Rated Voltage	250V/600V
Rated Current	32A
Contact resistance	≤ 0.015Ω
Insulation resistance	≥ 1000mΩ
Material	Shell: Nylon PA66/ Polycarbon PC (Nyion) UL94V-2 (0) Contact piece: Brass Tin/plated Spring buckle: Imported 301 stainless steel
Reach	15 tests
Allowance	±0.05mm
Suitable guide	TH35-7.5

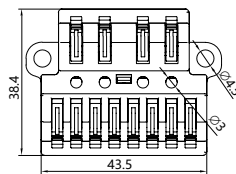
KV448 four in eight out



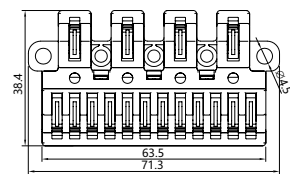
KV4412 four in twelve out



KV448G Guide rail four in eight out



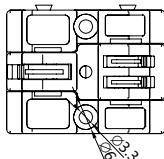
KV4412G Guide rail four in twelve out



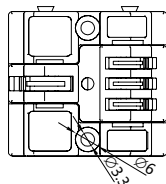
Technical parameter

Applicable Wire Gauge	0.5-4mm ² / 28-12 AWG
Temperature range	-25°C ~95°C
Rated Voltage	250V/600V
Rated Current	32A
Contact resistance	≤ 0.015Ω
Insulation resistance	≥ 1000mΩ
Material	Shell: Nylon PA66/ Polycarbon PC (Nyion) UL94V-2 (0) Contact piece: Brass Tin/plated Spring buckle: Imported 301 stainless steel
Reach	15 tests
Allowance	±0.05mm
Suitable guide	TH35-7.5

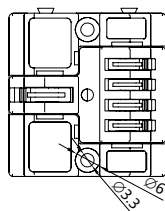
KV6412 fixed one in two out



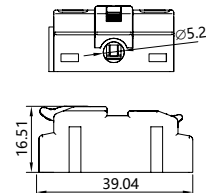
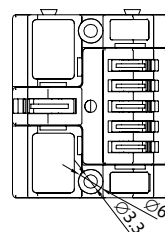
KV6413 fixed one in three out



KV6414 fixed one in four out



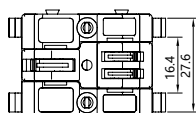
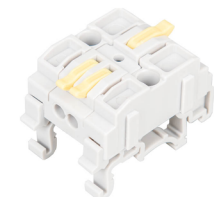
KV6415 fixed one in five out



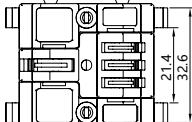
Technical parameter

Applicable Wire Gauge	0.2-6, 0.2-4mm ²
Operating temperature	-40°C ~105°C
Rated Voltage	450V
Rated Current	32A
Pull	8N.M/Lb.in
Line number range Poles	5/N=02~5P
Stripping length	10-12mm
Pitch	0.8mm
Standard color number	PANTONE / RAL

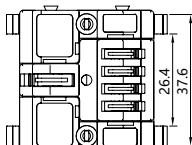
KV6412G Guide rail one in two out



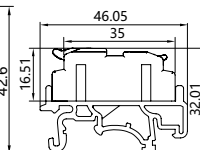
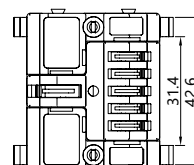
KV6413G Guide rail one in three out



KV6414G Guide rail one in four out



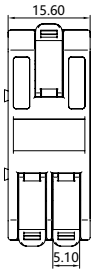
KV6415G Guide rail one in five out



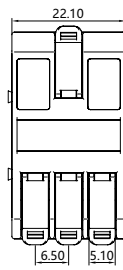
Technical parameter

Applicable Wire Gauge	0.2-6, 0.2-4mm ²
Operating temperature	-40°C ~105°C
Rated Voltage	450V
Rated Current	32A
Overvoltage Category	III
Pollution Degree	2
Rate Impulse Voltage	8.0kV
Pull	0.8N.M/8Lb.in
Line number range Poles	N=02~5P
Stripping length	10-12mm
Pitch	5mm
Suitable guide	TH35-7.5

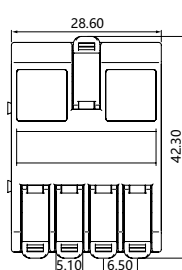
KV6612 one in two out



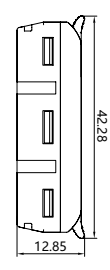
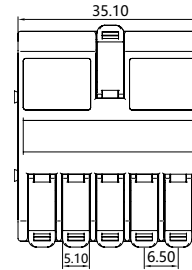
KV6613 one in three out



KV6614 one in four out



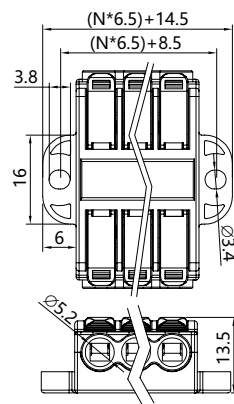
KV6615 one in five out



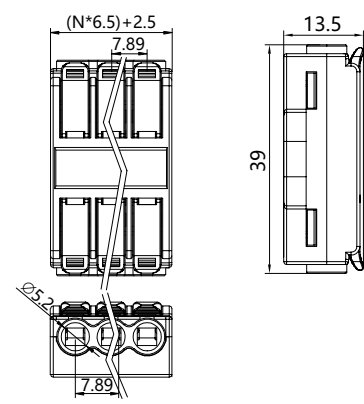
Technical parameter

Applicable Wire Gauge(Rigid And Flexible)	0.5~6mm ² / 20~10 AWG		
Operating temperature	-40°C ~105°C		
Rated Voltage	400V		
Rated Current	32A		
Overvoltage Category	III	III	II
Rate Impulse Voltage	4kV		
Line number range Poles	N=02~5P		
Stripping length	9-11		
Pitch	5mm		

KV226A



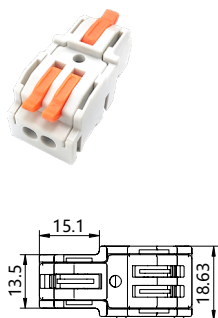
KV226B



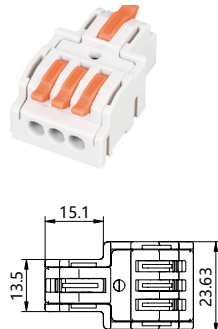
Technical parameter

Applicable Wire Gauge	0.5-6mm ² / 20-10AWG		
Temperature range	-25°C ~+95°C		
Rated Voltage	450V/600V		
Rated Current	32A		
Contact resistance	≤ 0.015Ω		
Insulation resistance	≥ 1000mΩ		
Material	Shell: Nylon PC (Nyion) UL94V-2 (0)		
	Contact piece: Brass Tin/plated		
	Spring buckle: Imported 301 stainless steel		
Reach	15 tests		
Allowance	±0.05mm		
Number of poles	2P-14P		

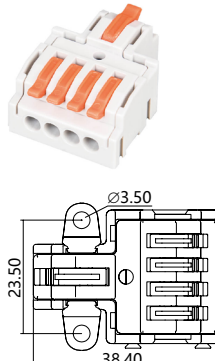
KV231-12 one in two out



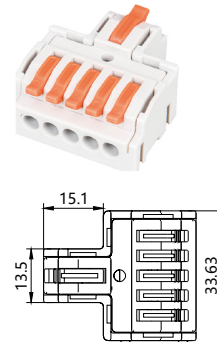
KV231-13 one in three out



KV231-14 one in four out



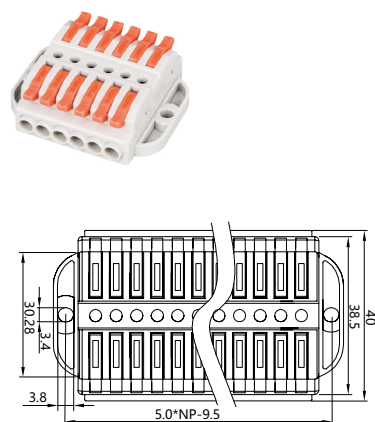
KV231-15 one in five out



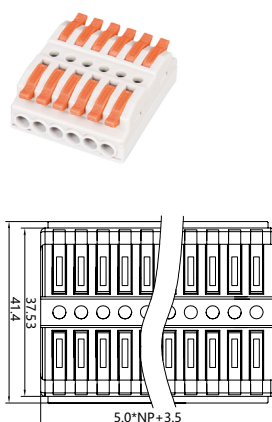
Technical parameter

Applicable Wire Gauge	0.2-6, 0.2-4mm ² / 28-13 AWG
Temperature range	-25°C ~+95°C
Rated Voltage	250V/600V
Rated Current	32A
Contact resistance	≤ 0.015Ω
Insulation resistance	≥ 1000mΩ
Material	Shell: Nylon PA66/ Polycarbon PC (Nyion) UL94V-2 (0) Contact piece: Brass Tin/plated Spring buckle: Imported 301 stainless steel
Reach	15 tests
Allowance	±0.05mm

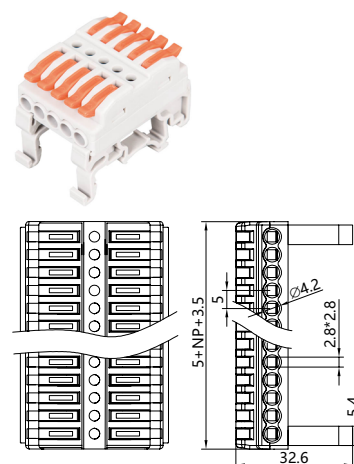
KV223A



KV223B



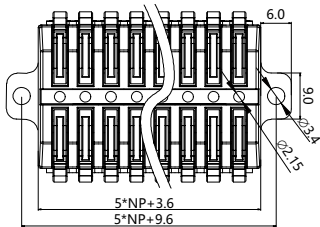
KV223G Guide rail



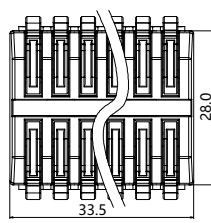
Technical parameter

Applicable Wire Gauge	0.2-4mm ² / 28-12AWG
Temperature range	-25°C ~95°C
Rated Voltage	250V/600V
Rated Current	32A
Contact resistance	≤ 0.015Ω
Insulation resistance	≥ 1000mΩ
Material	Shell: Nylon PA66/ Polycarbon PC (Nyion) UL94V-2 (0) Contact piece: Brass Tin/plated Spring buckle: Imported 301 stainless steel
Reach	15 tests
Allowance	±0.05mm
Interval	5.0mm
Number of poles	2P-38P

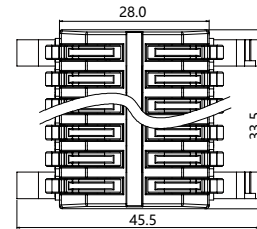
KV227A



KV227B



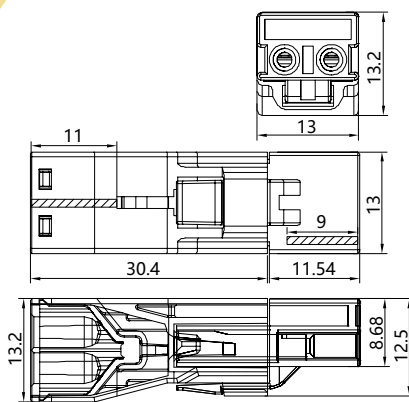
KV227G Guide rail



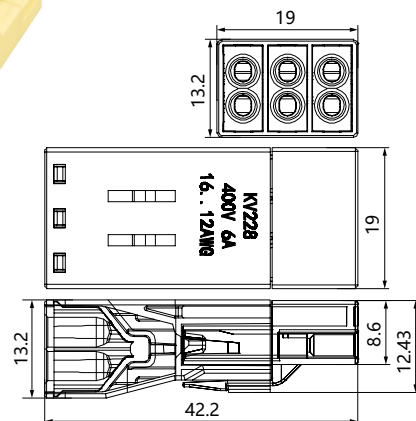
Technical parameter

Applicable Wire Gauge	0.2~4mm ² / 28-12 AWG
Temperature range	-40°C ~ 105°C
Rated Voltage	250V/600V
Rated Current	32A
Contact resistance	≤ 0.015Ω
Insulation resistance	≥ 1000mΩ
Material	Shell: Nylon PA66/ Polycarbon PC (Nyion) UL94V-2 (0)
	Contact piece: Brass Tin/plated
	Spring buckle: Imported 301 stainless steel
Reach	15 tests
Allowance	±0.05mm
Number of poles	2P-20P

KV228-2PPlug-intwo in four out



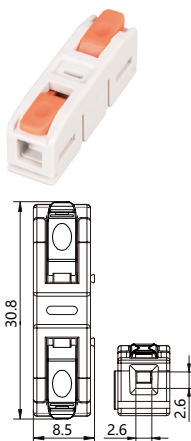
KV228-3PPlug-in three in six out



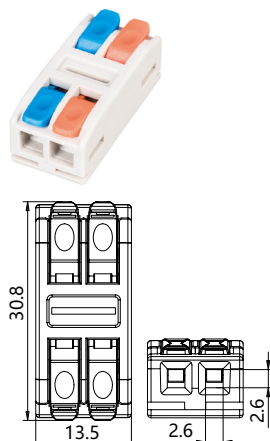
Technical parameter

Applicable Wire Gauge	0.5~2.5mm ² / 16~12 AWG
Temperature range	-25°C ~ 95°C
Strip length	11~13mm/0.43~0.51 inches
Rated Voltage	400A
Rated Current	6A
Material)	Shell: Nylon PA66/ Polycarbon PC(Nyion)UL94V-2(0)
	Contact piece: Brass Tin/plated
	Spring buckle: Imported 301 stainless steel
Reach	15 tests
Allowance	±0.05mm

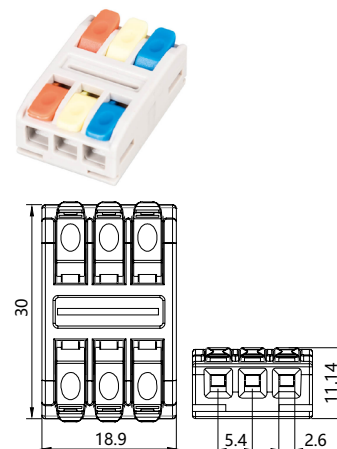
KV229B-1P



KV229B-2P



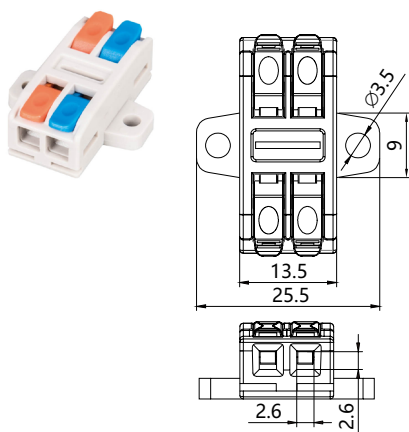
KV229B-3P



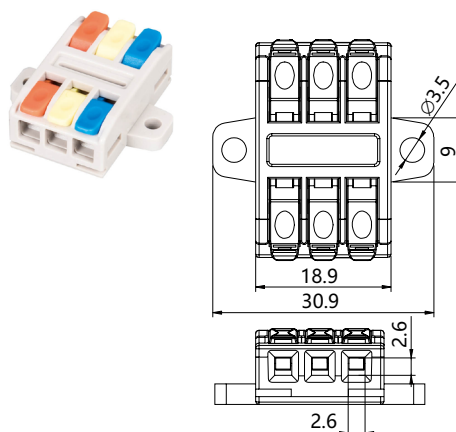
Technical parameter

Applicable Wire Gauge	0.2-4mm ² / 28-13 AWG
Temperature range	-25°C ~95°C
Rated Voltage	300V
Rated Current	32A
Contact resistance	≤ 0.015Ω
Insulation resistance	≥ 1000mΩ
Material	Shell: Nylon PA66/ Polycarbon PC (Nyion) UL94V-2 (0) Contact piece: Brass Tin/plated Spring buckle: Imported 301 stainless steel
Reach	15 tests
Allowance	±0.05mm

KV229A-2P



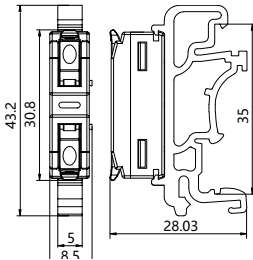
KV229A-3P



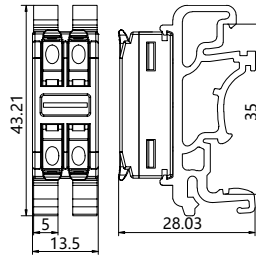
Technical parameter

Applicable Wire Gauge	0.2-4mm ² / 28-13 AWG
Temperature range	-25°C ~95°C
Rated Voltage	300V
Rated Current	32A
Contact resistance	≤ 0.015Ω
Insulation resistance	≥ 1000mΩ
Material	Shell: Nylon PA66/ Polycarbon PC (Nyion) UL94V-2 (0) Contact piece: Brass Tin/plated Spring buckle: Imported 301 stainless steel
Reach	15 tests
Allowance	±0.05mm

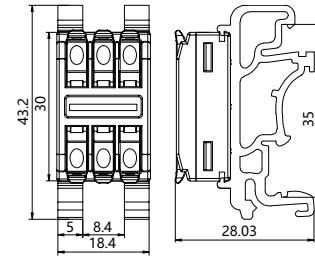
KV229G-1P Guide rail



KV229G-2P Guide rail

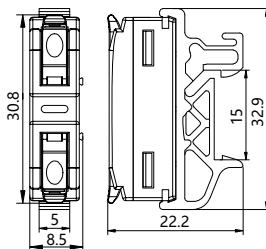


KV229G-3P Guide rail

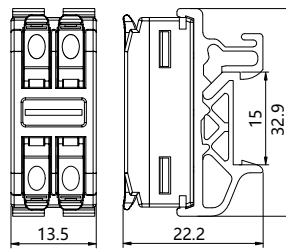
**Technical parameter**

Applicable Wire Gauge	0.2-4mm ² / 28-13 AWG
Temperature range	-25°C ~ +95°C
Rated Voltage	300V
Rated Current	32A
Contact resistance	≤ 0.015Ω
Insulation resistance	≥ 1000mΩ
Material	Shell: Nylon PA66/ Polycarbon PC (Nyion) UL94V-2 (0)
	Contact piece: Brass Tin/plated
	Spring buckle: Imported 301 stainless steel
Reach	15 tests
Allowance	±0.05mm

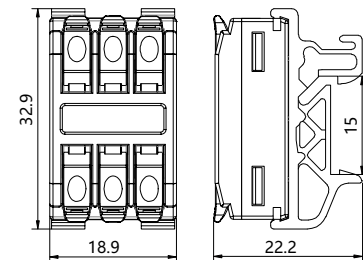
KV229V-1P mini



KV229V-2P mini

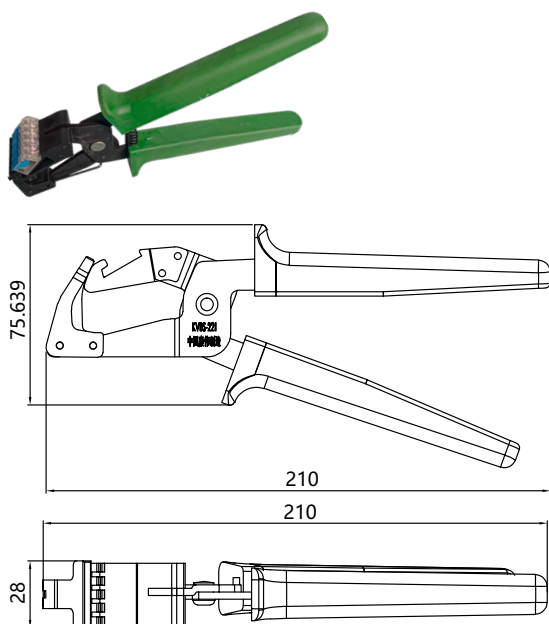


KV229V-3P mini

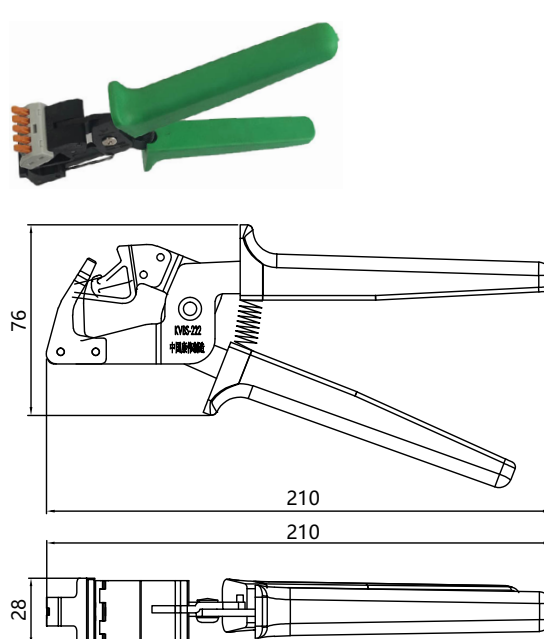
**Technical parameter**

Applicable Wire Gauge	0.2-4mm ² / 28-13 AWG
Temperature range	-25°C ~ +95°C
Rated Voltage	300V
Rated Current	32A
Contact resistance	≤ 0.015Ω
Insulation resistance	≥ 1000mΩ
Material	Shell: Nylon PA66/ Polycarbon PC (Nyion) UL94V-2 (0)
	Contact piece: Brass Tin/plated
	Spring buckle: Imported 301 stainless steel
Reach	15 tests
Allowance	±0.05mm

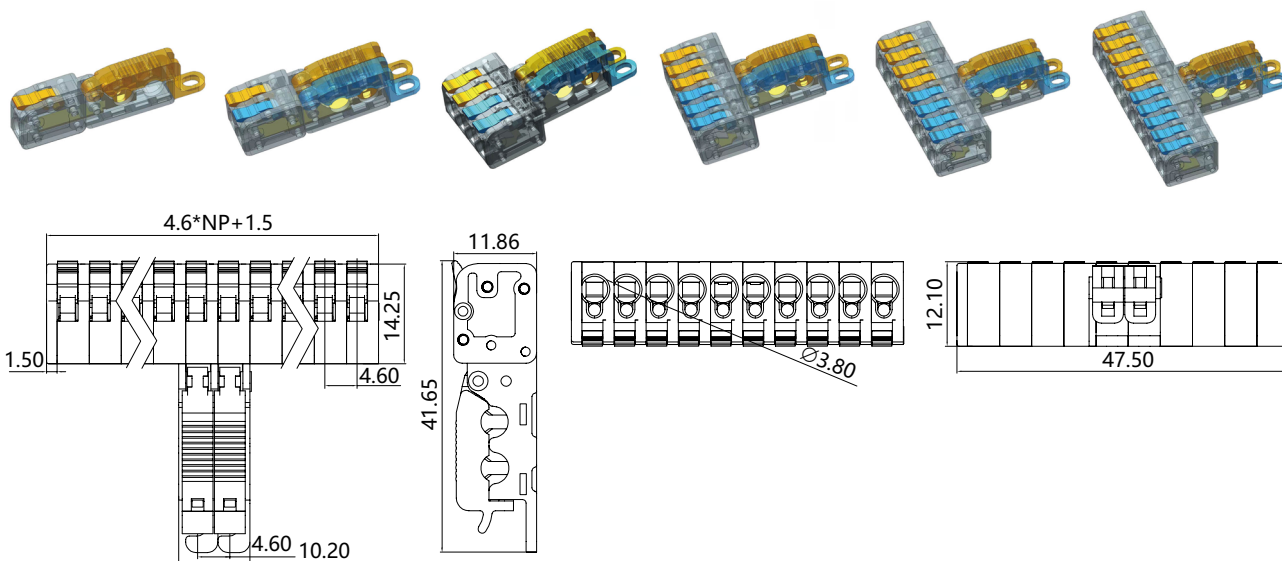
KVBS221 (Dedicated to KV221)



KVBS222 (Dedicated to KV222)



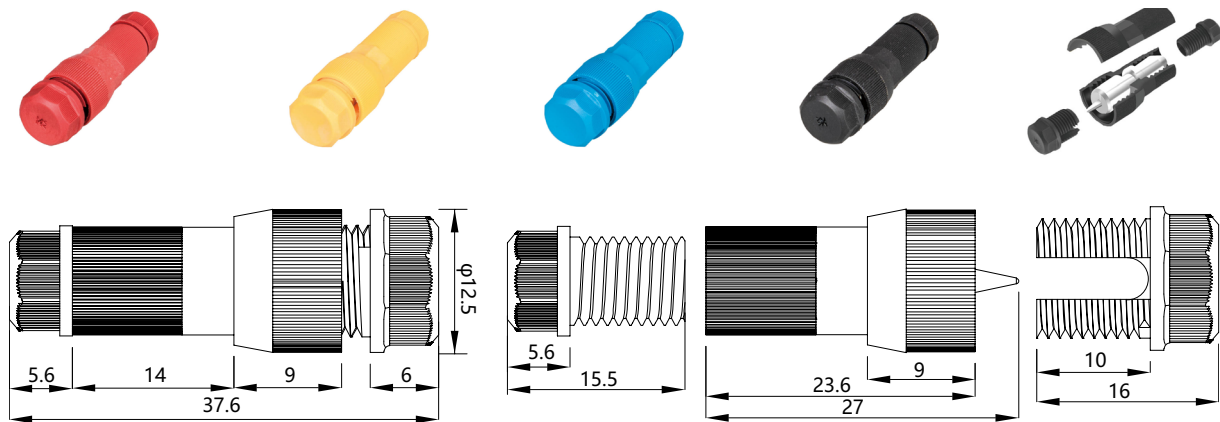
KVCP233 Piercing terminal block



Technical parameter

Applicable Wire Gauge	0.5-1.5、0.5-2.5、0.5-4mm ²
Temperature range	-40°C ~105°C
Rated Voltage	450V
Rated Current	24A
拉力 Tension	15kg
Materials	Shell PC
	Contact piece copper
Stripping length	Spring buckle: Imported 301 stainless steel
	Spring buckle: imported 301 stainless steel

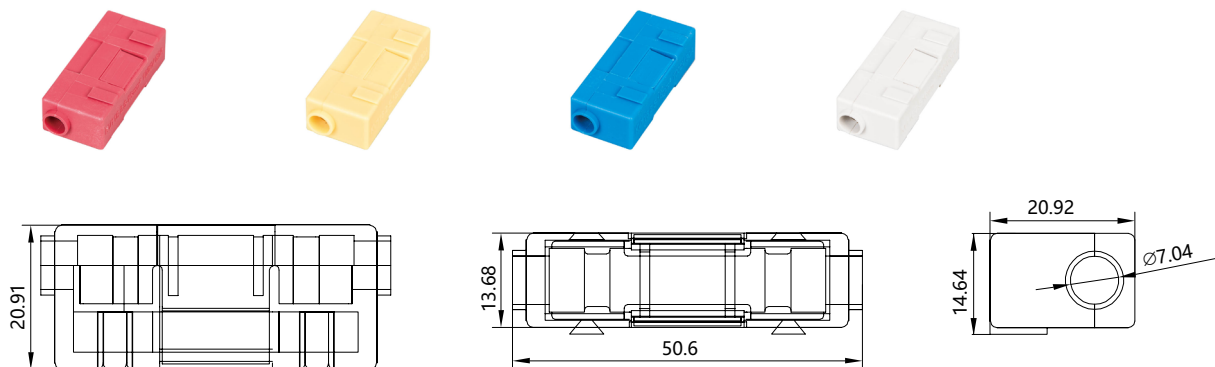
CPT-2 Piercing



Technical parameter

Outgoing line	12/14/16 AWG
Incoming line	18/20 AWG
Colour	Black, yellow, red, and blue are optional
Withstand high pressure	AC5000V, 60s, (Leakage current) < 0.1mA AC5000V, 60s, (Leakage current) < 0.5mA
Materials	Nickel plated brass pin
	(Plastic case): PA66,94-V0
	Lengthened nickel-plated brass pin
	100% high quality strong nylon plastic
	For 18-20 gauge low voltage transverse wiring
	12/14/16 AWG power cord between 12-24 volts
	Super hard nylon plastic
	Nickel-plated brass pin

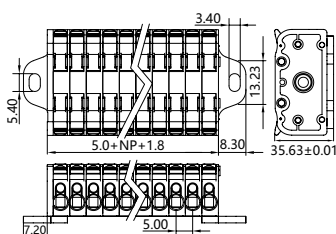
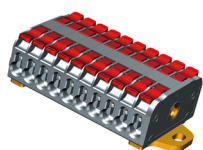
KV116



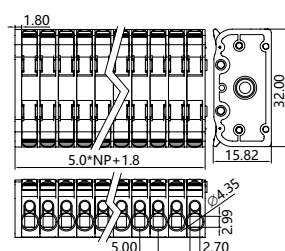
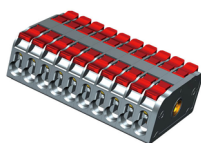
Technical parameter

Applicable Wire Gauge(rigid and flexible)	16-16-mm ² /10~10 AWG
Operating temperature	-40°C ~95°C
Rated Voltage	1000V
Rated Current	80A
Line number range Poles	N=02~15P
Stripping length	15-20mm
Pitch	14.6mm
Materials	Housing PA66, connection brass
Conform to RoHS	YES

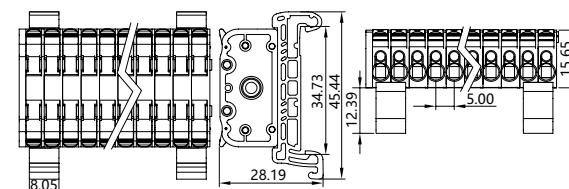
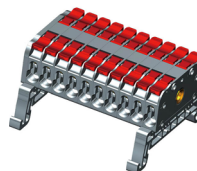
KV442A



KV442B



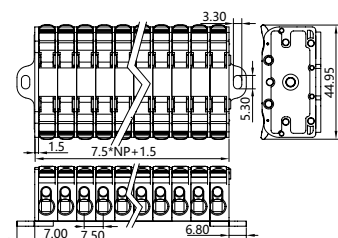
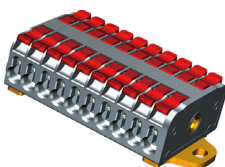
KV442G Guide rail



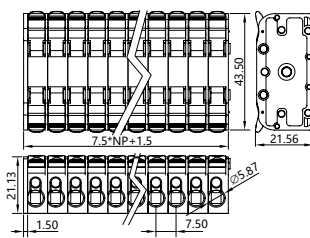
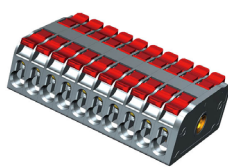
Technical parameter

Applicable Wire Gauge (Hard and flexible wire)	0.2~4mm ² / 24-12 AWG
Temperature range	-40°C ~ 105°C
Rated Voltage	400V
Rated Current	35A
Line number range Poles	N=01~30P
Stripping length(mm)	9-11
Pitch	5.0mm
Materials	Plastic PA66 301 stainless steel Copper connection piece
Number of poles	2P-30P
Conform to RoHS	Yes

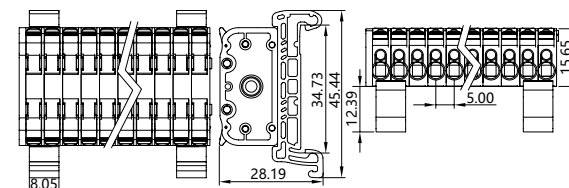
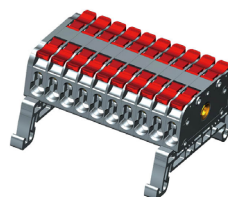
KV662A



KV662B

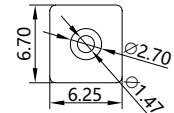
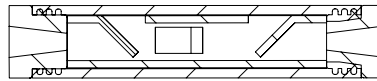
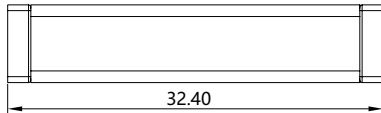


KV662G Guide rail

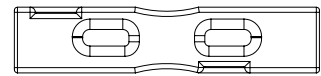
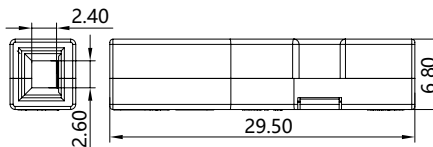
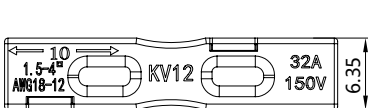
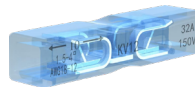
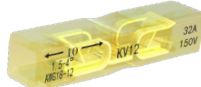


Technical parameter

Applicable Wire Gauge (Hard and flexible wire)	0.2~6mm ² / 20-10 AWG
Temperature range	-40°C ~ 105°C
Rated Voltage	400V, 630V
Rated Current	32A
Line number range Poles	01~12P
Stripping length	9-11mm
Pitch	7.5mm
Materials	Plastic PA66 301 stainless steel Copper connection piece
Number of poles	2P-30P
Conform to RoHS	Yes

KV11 push-in

Technical parameter

Applicable Wire Gauge(rigid and flexible)	0.2~2.5mm ² / 24~14 AWG		
Operating temperature	-40°C ~105°C		
Rated Voltage	250V		
Rated Current	10A		
Overvoltage Category	III	III	II
Pollution Degree	3	2	2
Rate Impulse Voltage	4kV		
Line number range Poles			
Stripping length	8-9mm		
Pitch			
Conform to RoHS	YES		

KV12 push-in

Technical parameter

Applicable Wire Gauge (Hard and flexible wire)	0.2~4mm ² / 24~12 AWG		
Temperature range	-40°C ~105°C		
Rated Voltage	400V、630V		
Rated Current	32A		
Overvoltage Category	III	III	II
Pollution Degree	3	2	2
Rate Impulse Voltage	4kV		
Line number range Poles	N=01~12P		
Stripping length	9-11mm		
Pitch	5.0mm		
Materials	Shell PC		
	Contact piece copper		
	Spring buckle: Imported 301 stainless steel Spring buckle: imported 301 stainless steel		

Screwless PCB Terminal Block

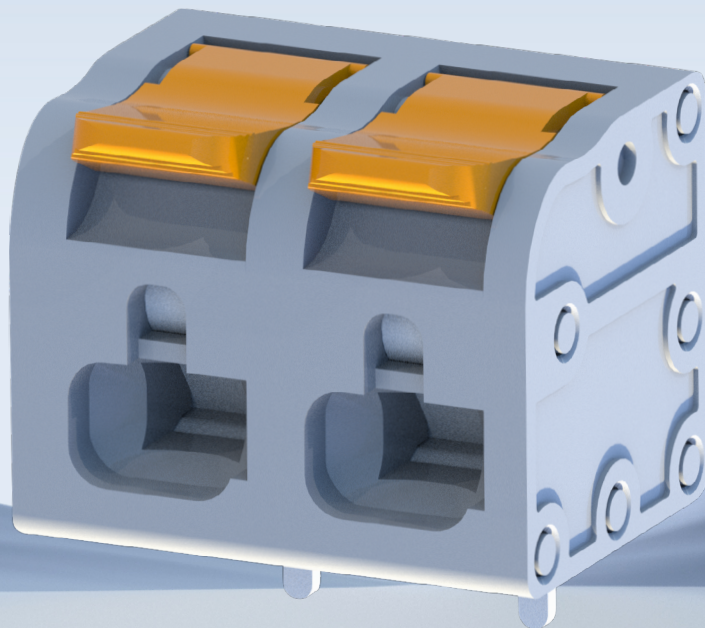
Wire connector series

New era of convenient wiring

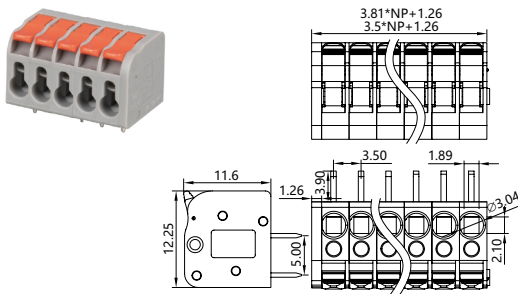
WESTLEC makes plug-in connections more convenient. It enables faster and more intuitive wiring for conductors ranging from 0.1–4 mm², with pitch options including 3.5, 3.81, 5.0, 5.08, 6.35, 7.5, 7.62, 8.25, 8.5, 9.5, 10, and 15 mm. Featuring lever-actuated plug-in spring technology, our PCB terminal blocks and PCB connectors are designed for ease of use, especially for equipment manufacturers seeking efficient solutions. These connectors not only reduce wiring effort and prevent errors but also help minimize process and long-term costs.

Advantages:

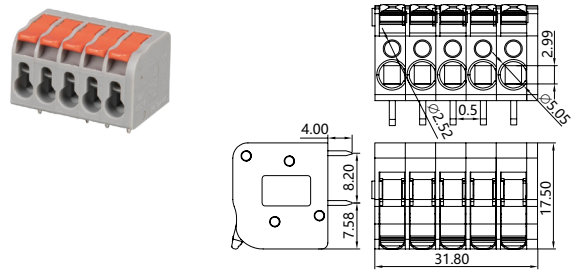
- ◇ Color-coded lever, intuitive operation
- ◇ Equipped with lever, connect and disconnect wires with (without) cold press connectors without tools, saving time.
- ◇ The position of lever is clearly visible, allowing for a clear determination of the open or closed state of the wiring area.
- ◇ Maintain constant contact force to ensure long-term stability of the connection.
- ◇ Closing the lever achieves a plug-in connection, saving time.



KV2616R-3.5/3.81

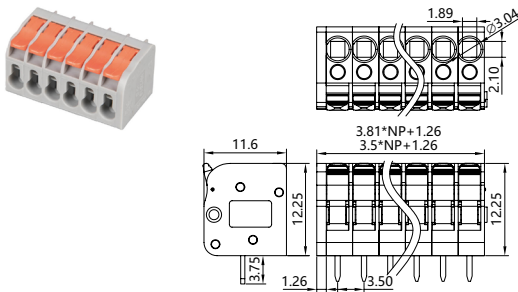


KV2616R-5.0

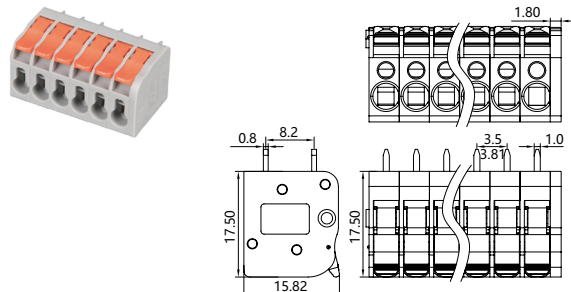
**Technical parameter**

Applicable Wire Gauge (Hard and flexible wire)	0.2~4mm ² / 24~12 AWG
Temperature range	-40°C ~ 105°C
Rated Voltage	400V, 630V
Rated Current	32A
Line number range Poles	N=01~12P
Stripping length	9-11
Pitch	3.5/3.81/5.0/6.35/7.5/7.62/8.25/8.5/9.5/10.0/15mm
Materials	Shell PC Contact piece copper Spring buckle: Imported 301 stainless steel Spring buckle: imported 301 stainless steel
Conform to RoHS	YES

KV2616V-3.5/3.81

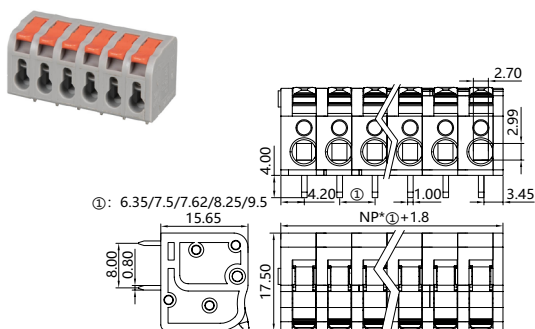


KV2616V-5.0

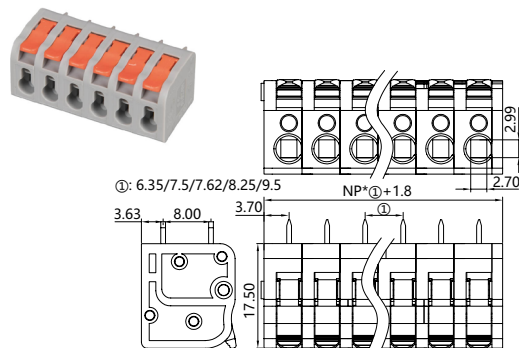
**Technical parameter**

Applicable Wire Gauge (Hard and flexible wire)	0.2~4mm ² / 24~12 AWG
Temperature range	-40°C ~ 105°C
Rated Voltage	320V, 630V
Rated Current	32A
Line number range Poles	N=01~12P
Stripping length(mm)	9-11
Pitch	3.5/3.81/5.0/6.35/7.5/7.62/8.25/8.5/9.5/10.0/15mm
Materials	Shell PC Contact piece copper Spring buckle: Imported 301 stainless steel Spring buckle: imported 301 stainless steel
Conform to RoHS	YES

KV2616R-6.35/7.5/7.62/8.25/9.5



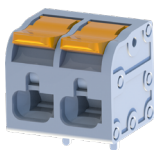
KV2616V-6.35/7.5/7.62/8.25/9.5



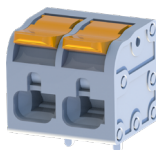
Technical parameter

Applicable Wire Gauge (Hard and flexible wire)	0.2~4mm ² / 24~12 AWG
Temperature range	-40°C ~105°C
Rated Voltage	320V、400V、630V
Rated Current	32A
Line number range Poles	N=01~12P
Stripping length	9-11
Pitch	3.5/3.81/5.0/6.35/7.5/7.62/8.25/8.5/9.5/10.0/15mm
Materials	Shell PC Contact piece copper Spring buckle: Imported 301 stainless steel
Conform to RoHS	YES

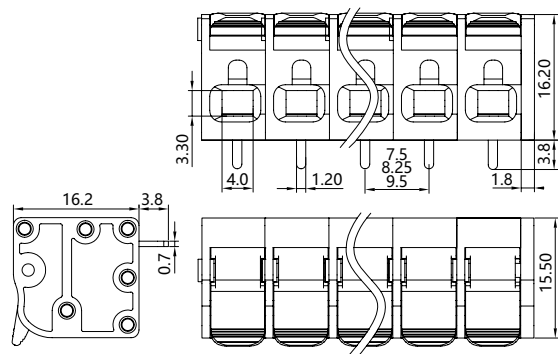
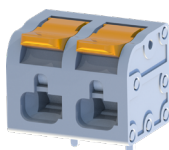
KV2617R-7.5



KV2617R-8.25



KV2617R-9.5



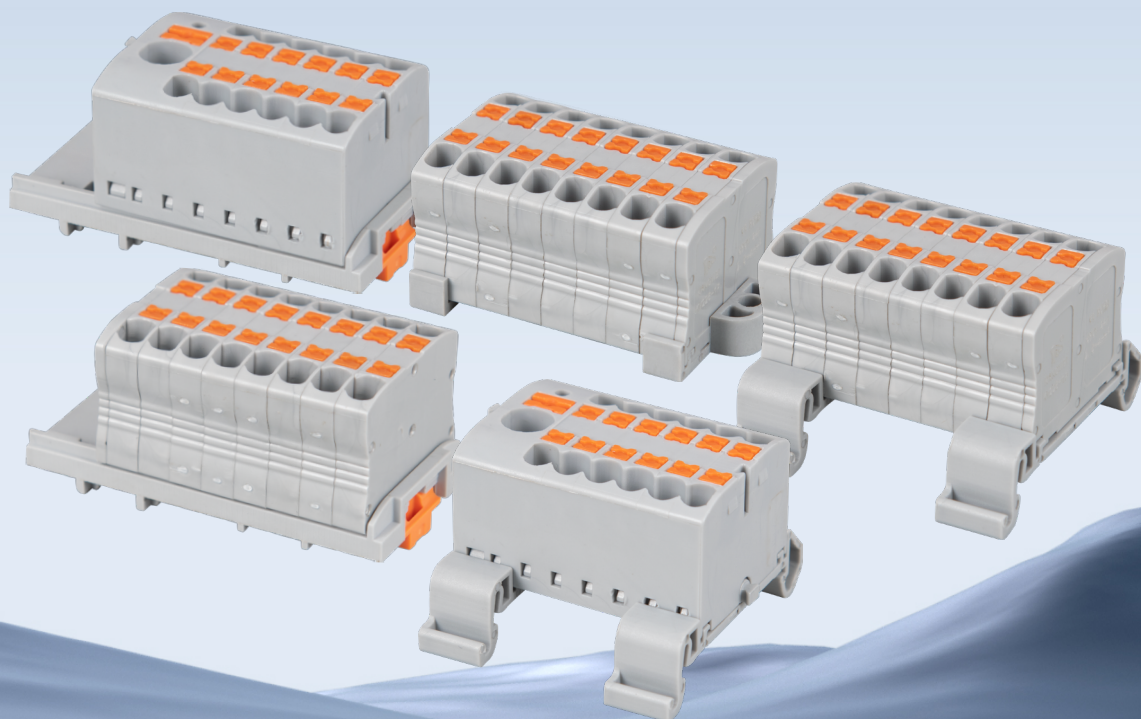
Technical parameter

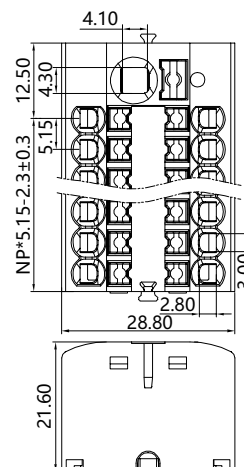
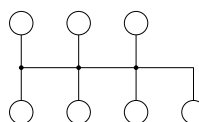
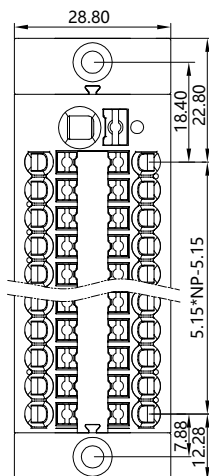
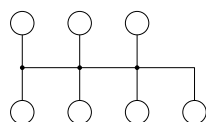
Applicable Wire Gauge (Hard and flexible wire)	0.2~4mm ² / 24~12 AWG
Temperature range	-40°C ~105°C
Rated Voltage	400V、630V
Rated Current	32A
Overvoltage Category	III
Pollution Degree	3
Rate Impulse Voltage	4kV
Line number range Poles	N=01~12P
Stripping length	9-11mm
Pitch	5.0mm
Conform to RoHS	YES
Number of poles	2P-24P

Rail Type In-Line Terminal

Distribution blocks used for load and control current distribution:

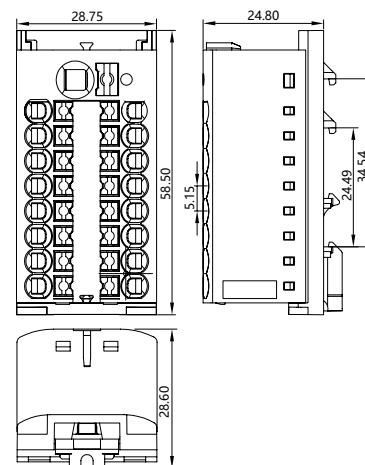
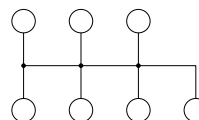
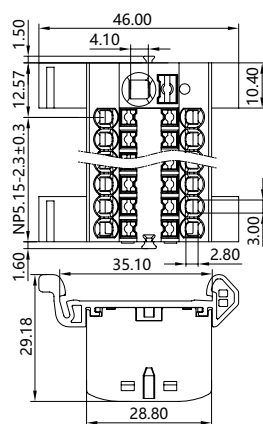
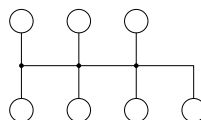
- ◊ Utilizing plug-and-pull and screw connection technologies, available in various wiring capacities, positions, installation options and colors.
- ◊ Modules can be used directly or expanded as needed, enabling flexible and space-efficient wiring solutions.
- ◊ Distribution block is equipped with a built-in bridge component for plug-and-play operation, featuring compact design for space optimization.
- ◊ Multiple mounting adapters available including special self-adhesive models for flexible installation.
- ◊ Color-coded wiring points and cable distribution for intuitive and safe installation.
- ◊ Standardized accessories: Fully match all KV225 and KV2251 accessories for expansion, testing and identification.





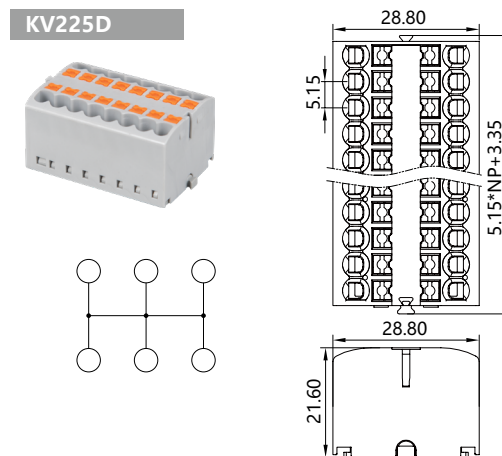
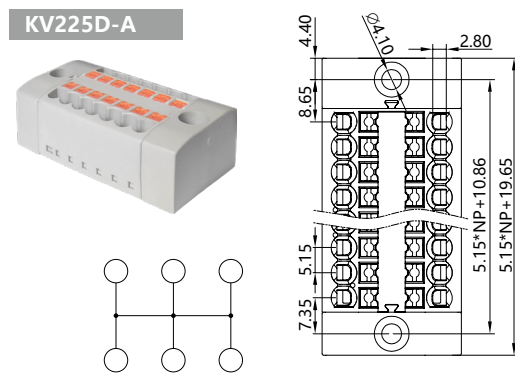
Technical parameter

Line diameters are divided into lines and main lines	0.2-4/, 0.5-6/10		
Rated Voltage	690V		
Rated Current	24, 41A		
Overvoltage Category	III	III	II
Pollution Degree	3	2	2
Rate Impulse Voltage	4kV		
Line number range Poles	N=02~12P		
Pitch	5.15mm		
Stripping length	8-10mm		
Operating temperature	-40°C ~105°C		
Number of poles	1P/2P/3P/4P/5P/6P/7P/8P/9P/10P/11P/12P		
Red ■ Yellow ■ Blue ■ Green ■ Black ■ Gray ■			
Conform to RoHS	YES		

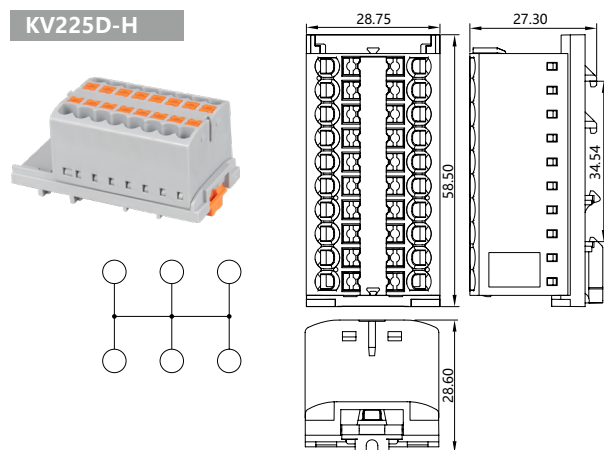
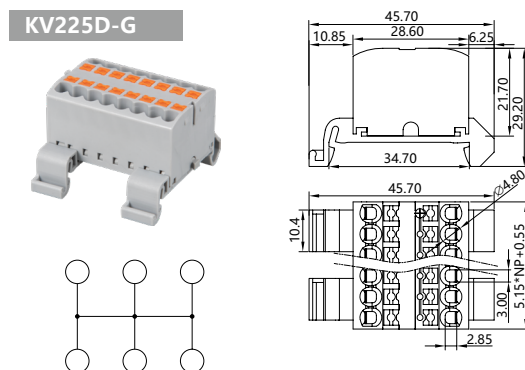


Technical parameter

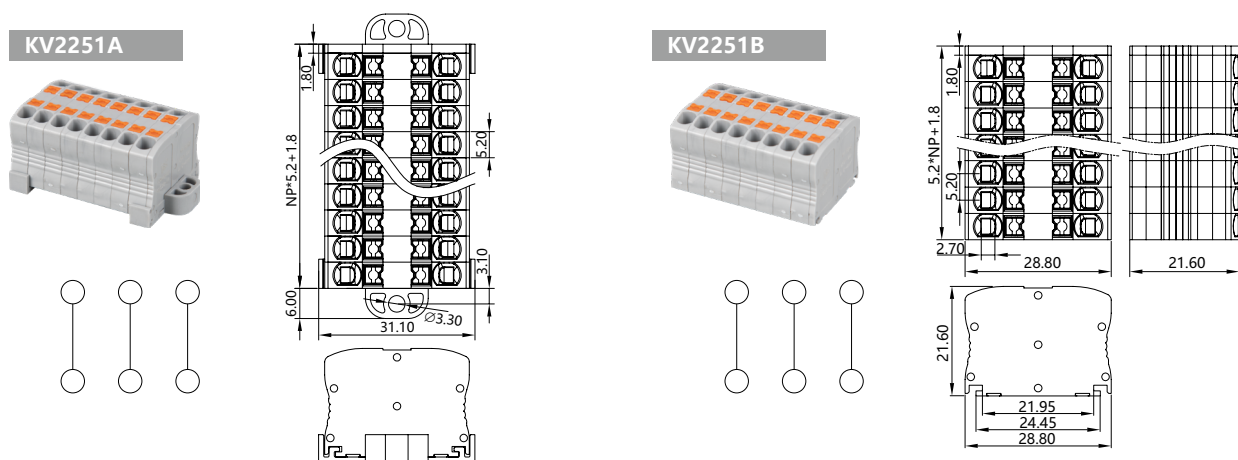
Line diameters are divided into lines and main lines	0.2-4, 0.5-6/10		
Rated Voltage	690V		
Rated Current	24, 41A		
Overvoltage Category	III	III	II
Pollution Degree	3	2	2
Rate Impulse Voltage	4kV		
Line number range Poles	N=02~12P		
Pitch	5.15mm		
Stripping length	8-10mm		
Operating temperature	-40°C ~105°C		
Number of poles	1P/2P/3P/4P/5P/6P/7P/8P/9P/10P/11P/12P		
Red ■ Yellow ■ Blue ■ Green ■ Black ■ Gray ■			
Conform to RoHS	YES		



Technical parameter			
Line diameters are divided into lines and main lines	0.2-4, 0.5-6/10		
Rated Voltage	690V		
Rated Current	24, 41A		
Overvoltage Category	III	III	II
Pollution Degree	3	2	2
Rate Impulse Voltage	4kV		
Line number range Poles	N=02~12P		
Pitch	5.15mm		
Stripping length	8-10mm		
Operating temperature	-40°C ~105°C		
Number of poles	1P/2P/3P/4P/5P/6P/7P/8P/9P/10P/11P/12P		
Red ■ Yellow ■ Blue ■ Green ■ Black ■ Gray ■			
Conform to RoHS	YES		

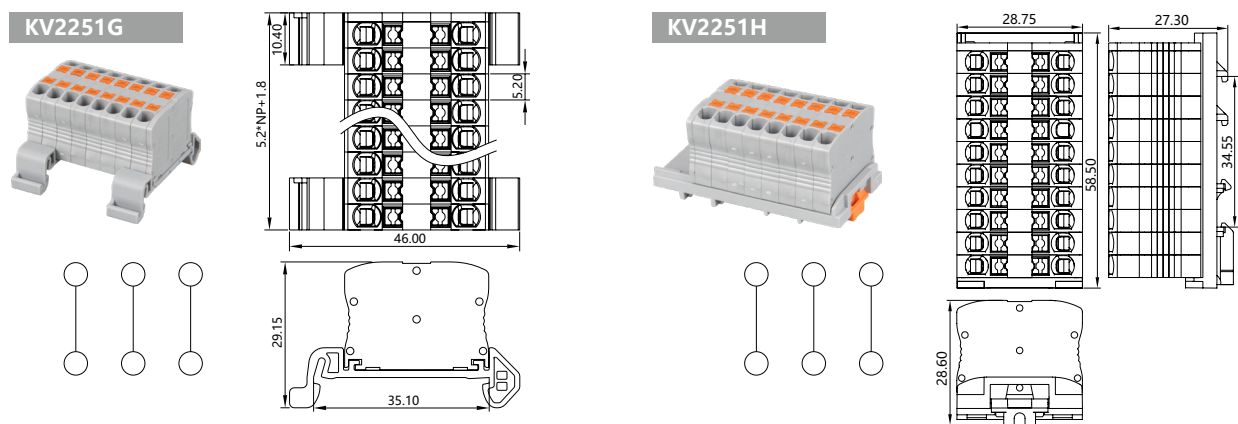


Technical parameter			
Line diameters are divided into lines and main lines	0.2-4, 0.5-6/10		
Rated Voltage	690V		
Rated Current	24, 41A		
Overvoltage Category	III	III	II
Pollution Degree	3	2	2
Rate Impulse Voltage	4kV		
Line number range Poles	N=02~12P		
Pitch	5.15mm		
Stripping length	8-10mm		
Operating temperature	-40°C ~105°C		
Number of poles	1P/2P/3P/4P/5P/6P/7P/8P/9P/10P/11P/12P		
Red ■ Yellow ■ Blue ■ Green ■ Black ■ Gray ■			
Conform to RoHS	YES		



Technical parameter

Line diameters are divided into lines and main lines	0.2-4		
Rated Voltage	690V		
Rated Current	32A		
Overvoltage Category	III	III	II
Pollution Degree	3	2	2
Rate Impulse Voltage	4kV		
Line number range Poles	N=02~12P		
Pitch	5.15mm		
Stripping length	8-10mm		
Operating temperature	-40°C ~105°C		
Number of poles	1P/2P/3P/4P/5P/6P/7P/8P/9P/10P/11P/12P		
Red ■ Yellow ■ Blue ■ Green ■ Black ■ Gray ■			
Conform to RoHS	YES		



Technical parameter

Line diameters are divided into lines and main lines	0.2-4		
Rated Voltage	690V		
Rated Current	32A		
Overvoltage Category	III	III	II
Pollution Degree	3	2	2
Rate Impulse Voltage	4kV		
Pitch	5.15mm		
Line number range Poles	N=02~12P		
Stripping length	8-10mm		
Operating temperature	-40°C ~+105°C		
Number of poles	1P/2P/3P/4P/5P/6P/7P/8P/9P/10P/11P/12P		
Red ■ Yellow ■ Blue ■ Green ■ Black ■ Gray ■			
Conform to RoHS	YES		

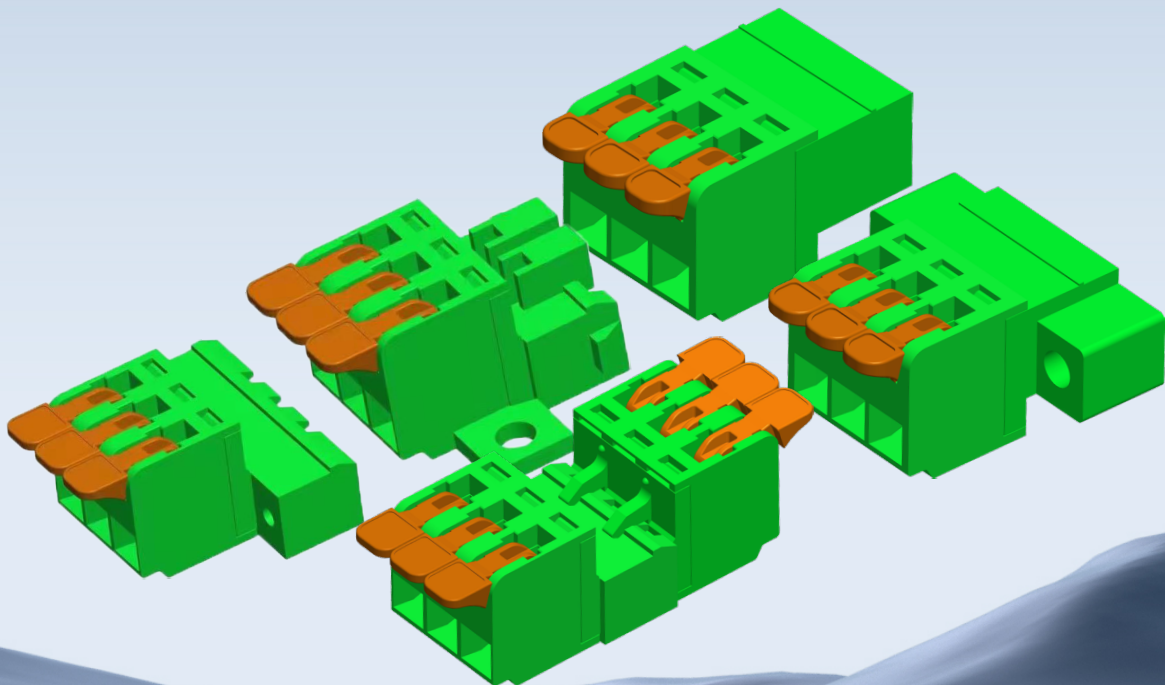
Plug And Pull Terminals

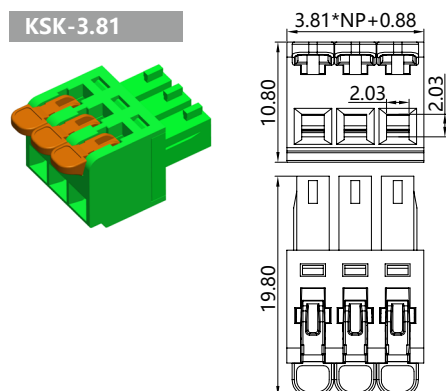
New era of convenient wiring

WESTLEC makes plug in connections more convenient. It enables faster and more intuitive wiring for 2.5 mm² conductors. Featuring lever-actuated plug in spring technology, our PCB terminal blocks and PCB connectors are designed for ease of use, especially for equipment manufacturers seeking efficient solutions. These connectors not only reduce wiring effort and prevent errors but also help minimize process and long-term costs.

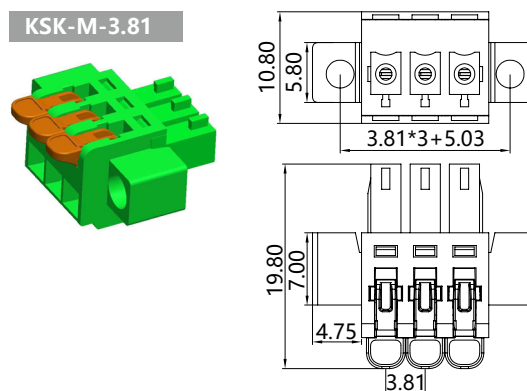
Advantages:

- ◊ Color-coded lever, intuitive operation
- ◊ Equipped with lever, connect and disconnect wires with (without) cold press connectors without tools, saving time.
- ◊ The position of lever is clearly visible, allowing for a clear determination of the open or closed state of the wiring area.
- ◊ Maintain constant contact force to ensure long-term stability of the connection.
- ◊ Closing the lever achieves a plug-in connection, saving time.

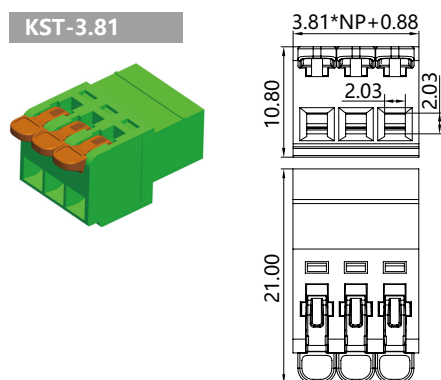




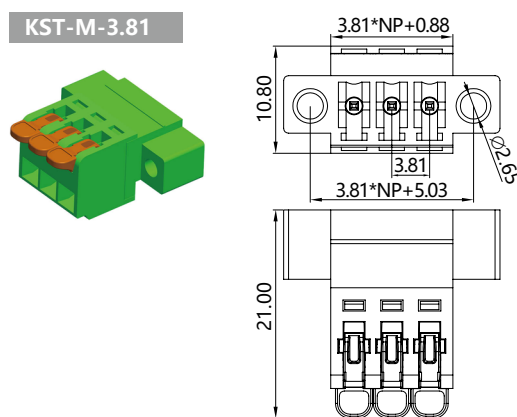
Technical parameter	
Applicable Wire Gauge	0.5~1.5mm ² /28~16AWG
Temperature range	-40°C ~105°C
Rated Voltage	250, 300V
Rated Current	10A
Overvoltage Category	II
Pollutioni Dagree	2
Rate Impulse Voltage	2.5kV
Stripping length	6-7mm
Pitch	3.81mm
Conform to RoHS	Yes



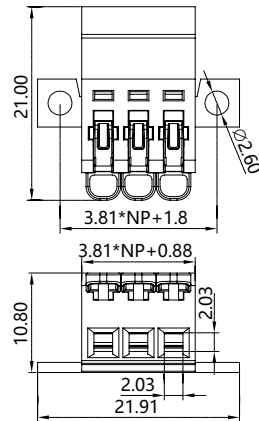
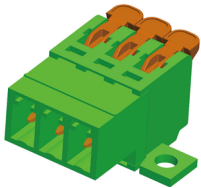
Technical parameter	
Applicable Wire Gauge	0.5-1.5mm ² /28-16AWG
Temperature range	-40°C ~105°C
Rated Voltage	250, 300V
Rated Current	10A
Overvoltage Category	II
Pollutioni Dagree	2
Rate Impulse Voltage	2.5kV
Stripping length(mm)	6-7mm
Pitch	3.81mm
Conform to RoHS	Yes



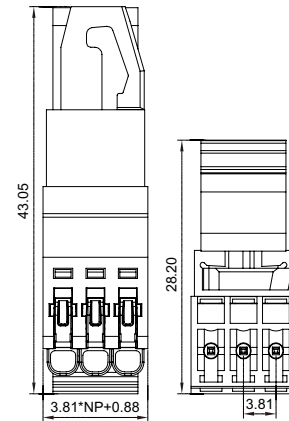
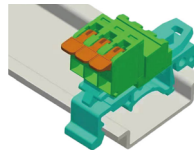
Technical parameter	
Applicable Wire Gauge	0.2~2.5mm ² /24~12 AWG
Temperature range	-40°C ~105°C
Rated Voltage	250, 300V
Rated Current	10A
Overvoltage Category	II
Pollution Degree	2
Rate Impulse Voltage	2.5kV
Line number range Poles	N=02~24P
Stripping length	6-7
Pitch	3.81mm
Conform to RoHS	YES



KST-A-3.81

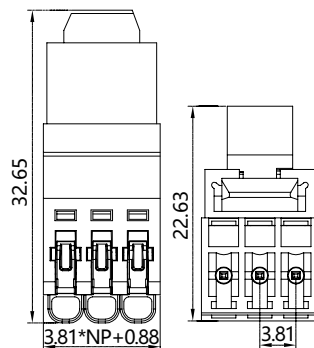
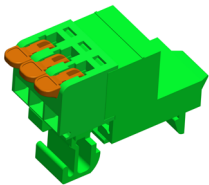


KST-G-3.81

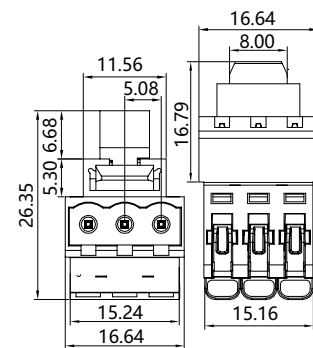
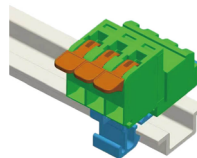
**Technical parameter**

Applicable Wire Gauge	0.2~2.5mm ² /24~12 AWG
Temperature range	-40°C ~105°C
Rated Voltage	250, 300V
Rated Current	10A
Overvoltage Category	II
Pollution Degree	2
Rate Impulse Voltage	4kV
Line number range Poles	N=02~24P
Stripping length	6-7
Pitch	3.81mm
Conform to RoHS	YES

KST-V-3.81



KST-V-5.08

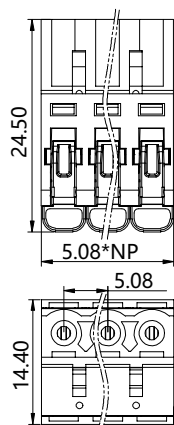
**Technical parameter**

Applicable Wire Gauge	0.5~1.5mm ² /28~16AWG
Temperature range	-40°C ~105°C
Rated Voltage	250, 300V
Rated Current	10A
Overvoltage Category	II
Pollution Degree	2
Rate Impulse Voltage	2.5kV
Stripping length	6-7mm
Pitch	3.81mm
Number of poles	2P-24P
Conform to RoHS	Yes

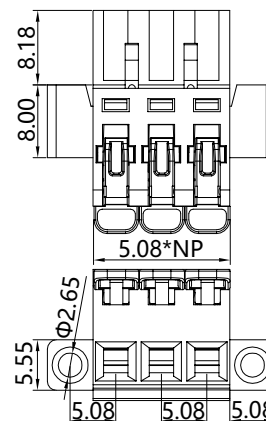
Technical parameter

Applicable Wire Gauge	0.2~2.5mm ² /24~12 AWG
Temperature range	-40°C ~105°C
Rated Voltage	300V
Rated Current	15A
Overvoltage Category	III
Pollution Degree	3
Rate Impulse Voltage	4kV
Insertion pull	15N·m/Lb·in
Stripping length(mm)	9-10mm
Pitch	5.08mm
Number of poles	2P-24P
Conform to RoHS	Yes

KSK-5.08-1



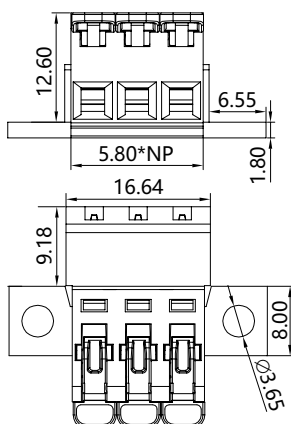
KSKM-5.08



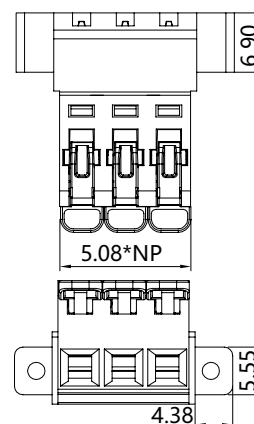
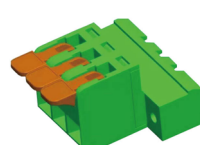
Technical parameter

Applicable Wire Gauge	0.2~2.5mm ² /24~12 AWG		
Temperature range	-40°C ~105°C		
Rated Voltage	300V		
Rated Current	15A		
Overvoltage Category	III	III	II
Pollution Degree	3	2	2
Rate Impulse Voltage	4kV		
Line number range Poles	N=02~24P		
Stripping length	9-10		
Pitch	5.08mm		
Conform to RoHS	YES		

KST-A-5.08

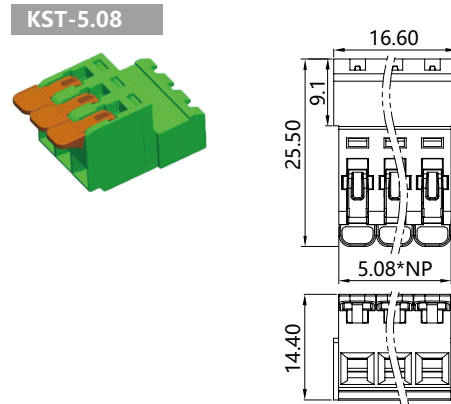
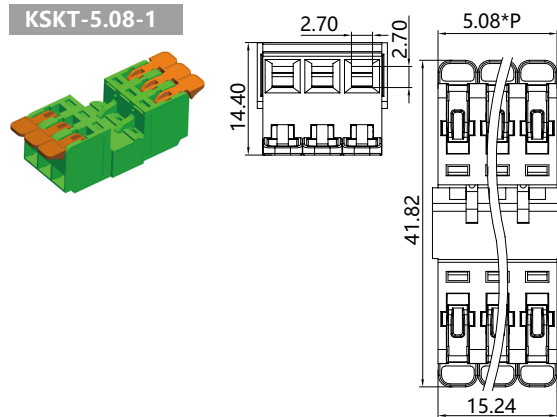


KST-M-5.08

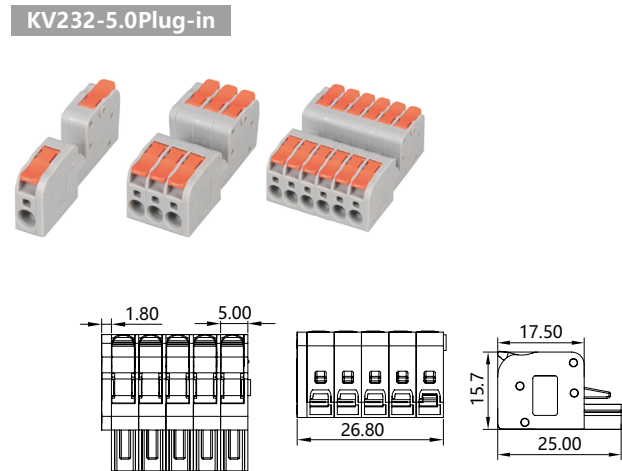
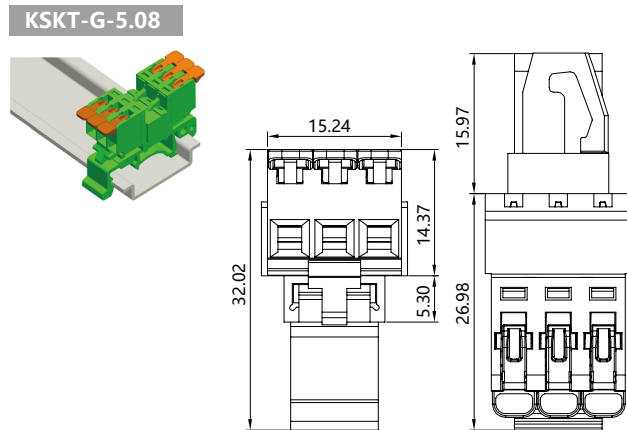


Technical parameter

Applicable Wire Gauge	0.2~2.5mm ² /24~12 AWG		
Temperature range	-40°C ~105°C		
Rated Voltage	300V		
Rated Current	15A		
Overvoltage Category	III	III	II
Pollution Degree	3	2	2
Rate Impulse Voltage	4kV		
Line number range Poles	N=02~24P		
Stripping length	9-10		
Pitch	5.08mm		
Conform to RoHS	YES		

**Technical parameter**

Applicable Wire Gauge	0.2~2.5mm ² /24~12 AWG		
Temperature range	-40°C ~105°C		
Rated Voltage	300V		
Rated Current	15A		
Overvoltage Category	III	III	II
Pollution Degree	3	2	2
Rate Impulse Voltage	4kV		
Line number range Poles	N=02~24P		
Stripping length	9-10		
Pitch	5.08mm		
Conform to RoHS	YES		

**Technical parameter**

Applicable Wire Gauge	0.2-2.5mm ² /24-12 AWG		
Temperature range	-40°C ~105°C		
Rated Voltage	300V		
Rated Current	15A		
Overvoltage Category	III	III	II
Pollution Degree	3	2	2
Rate Impulse Voltage	4kV		
Stripping length	9-10mm		
Pitch	5.08mm		
Conform to RoHS	Yes		

Technical parameter

Applicable Wire Gauge	0.2-4mm ² / 28-12 AWG		
Temperature range	-40°C ~105°C		
Rated Voltage	400V		
Rated Current	25A		
Overvoltage Category	III	III	II
Pollution Degree	3	2	2
Rate Impulse Voltage	5kV		
Insertion pull	15N-m/Lb,in		
Stripping length	10-12mm		
Pitch	42.5*15.7*5.0 mm		
Conform to RoHS	Yes		

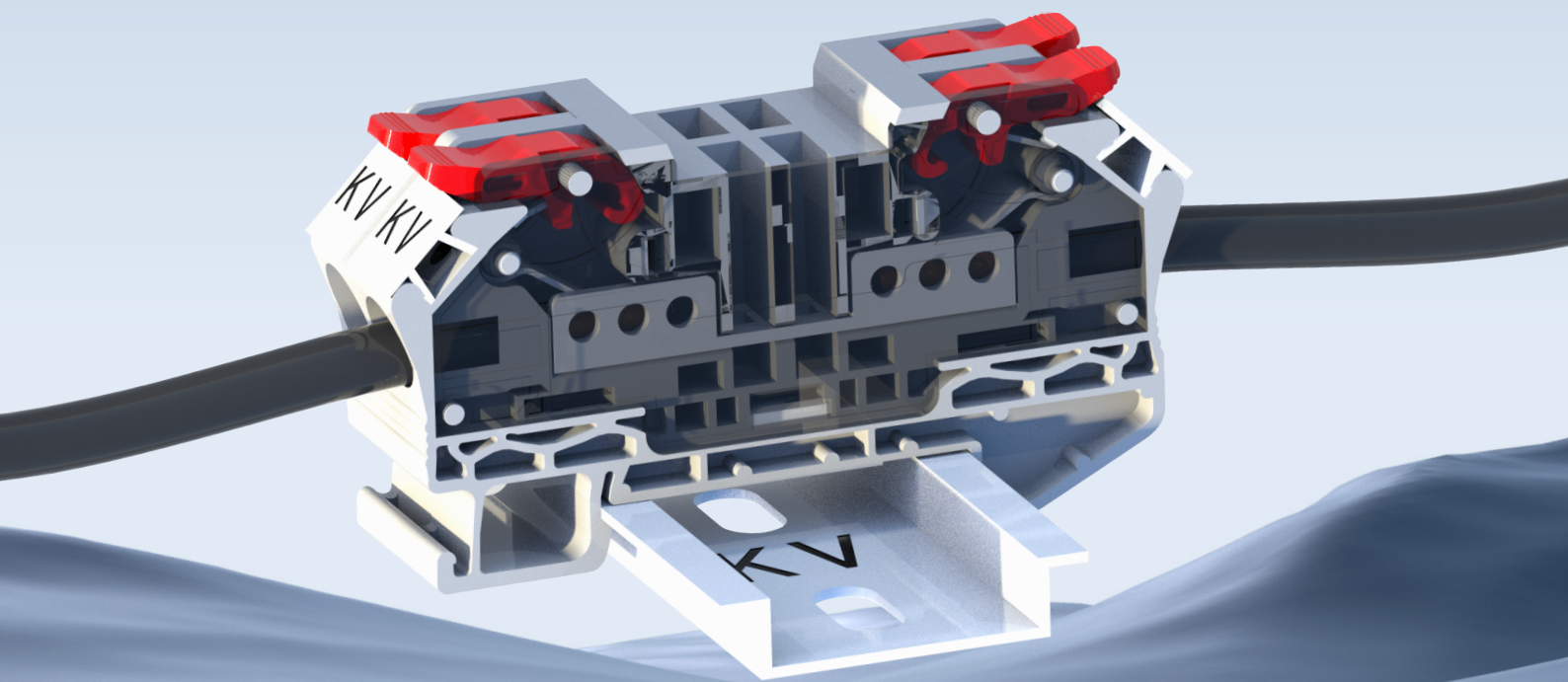
Rail Mounted In-Line Terminal

Rail-mounted terminal blocks for electrical installation

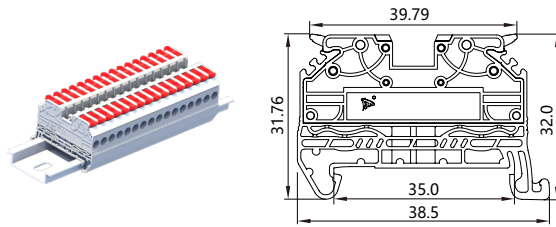
WESTLEC rail-mounted terminal blocks leverage reliable plug-in cage spring technology to accommodate conductors of various cross-sections, providing optimal wiring solutions for diverse building applications. As building requirements continue to evolve and expand, the KV series terminal blocks ensure electrical installations remain future-proof.

Advantages:

- ◊ Flexible connection options (test opening, push-button or hybrid)
- ◊ Standard-compliant insulation resistance measurement enabled by reliable N-disconnect technology
- ◊ Plug-in cage spring technology: Through-hole terminations of single-strand hard conductors and thin multi-strand conductors with cold-pressed joints
- ◊ Compact design with ample wiring space
- ◊ Triple-row customizable labeling via marking strips ensures clear identification even during wiring
- ◊ Simplified pre-planning using building distribution board product finder.
- ◊ Rail-mounted terminal blocks for electrical installations.

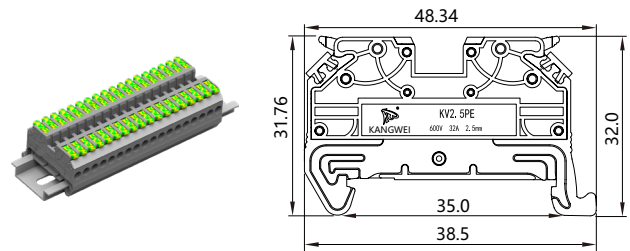


KV-2.5



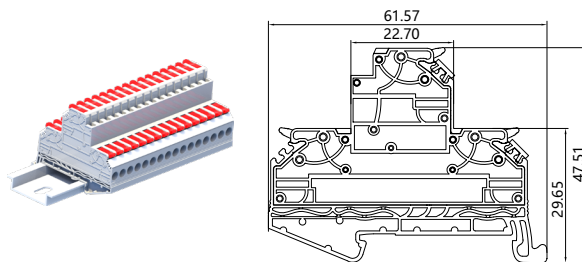
Technical parameter			
Applicable Wire Gauge	28~12 AWG		
Temperature range	-40°C ~105°C		
Rated Voltage	800V		
Rated Current	32A		
Overvoltage Category	III	III	II
Pollution Degree	3	2	2
Rate Impulse Voltage	10kV		
Pull	15 N.M/Lb.in		
尺寸 Dimensions	6.2*48.5*32mm		
Materials	PA66 plastic		
	Copper connection piece		
	301 Imported stainless steel		
Stripping length	10-12mm		
Conform to RoHS	YES		

KV-2.5PE

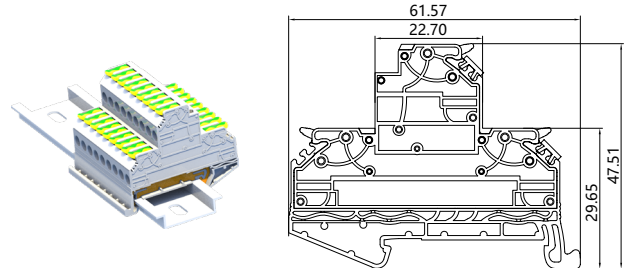


Technical parameter			
Applicable Wire Gauge	0.2~4mm²/24~12 AWG		
Temperature range	-40°C ~105°C		
Rated Voltage	600V、630V		
Rated Current	32A		
Overvoltage Category	III	III	II
Pollution Degree	3	2	2
Rate Impulse Voltage	4kV		
Line number range Poles	N=01~12P		
Stripping length	9-11mm		
Materials	PA66 plastic		
	Copper connection piece		
	301 Imported stainless steel		
Pitch	5.0mm		
Conform to RoHS	YES		

KV-2.5TWIN

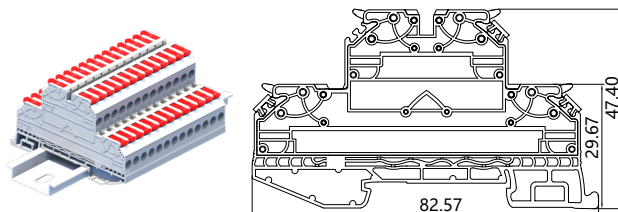


KV-2.5TWIN PE

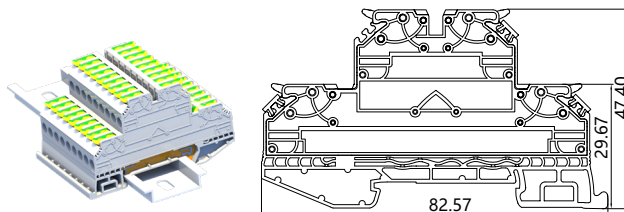


Technical parameter			
Applicable Wire Gauge(rigid and flexible)	0.2~4mm² / 24~12 AWG		
Temperature range	-40°C ~105°C		
Rated Voltage	630V		
Rated Current	32A		
Overvoltage Category	III	III	II
Pollution Degree	3	2	2
Rate Impulse Voltage	4		
Line number range Poles	N=01~12P		
Stripping length	9-11mm		
Materials	PA66 plastic		
	Copper connection piece		
	301 Imported stainless steel		
Pitch	5.0mm		
Conform to RoHS	YES		

KV-2.5QUATTRO



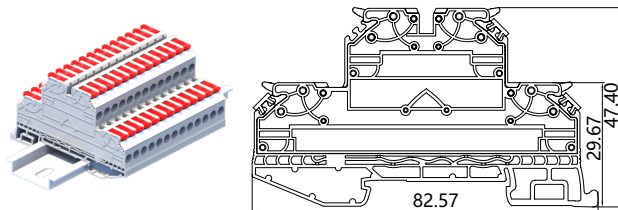
KV-2.5QUATTRO PE



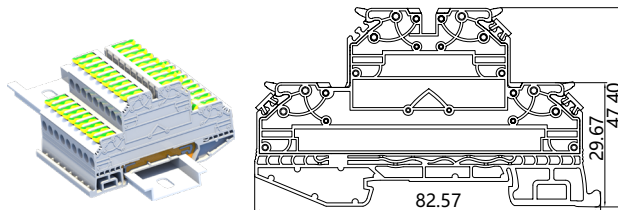
Technical parameter

Applicable Wire Gauge(rigid and flexible)	0.2~4mm ² / 24~12 AWG		
Temperature range	-40°C ~105°C		
Rated Voltage	600V、630V		
Rated Current	32A		
Overvoltage Category	III	III	II
Pollution Degree	3	2	2
Rate Impulse Voltage	4kV		
Stripping length	9-11mm		
Materials	PA66 plastic		
	Copper connection piece		
	301 Imported stainless steel		
Pitch	6.2mm		
Conform to RoHS	YES		

KVTB-2.5



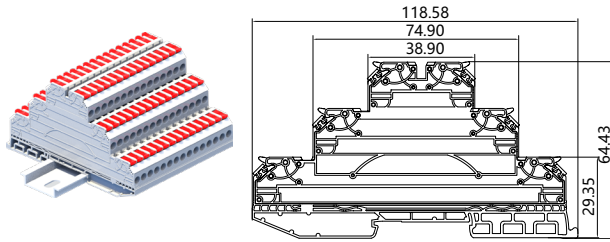
KVTB-2.5 PE



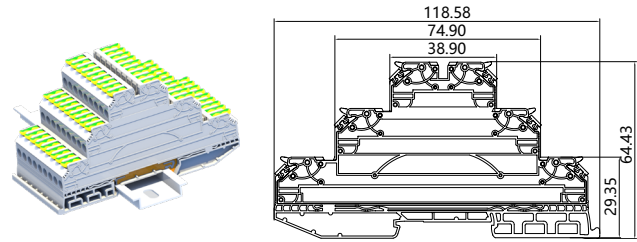
Technical parameter

Applicable Wire Gauge(rigid and flexible)	0.2~4mm ² / 24~12 AWG		
Temperature range	-40°C ~105°C		
Rated Voltage	600V、630V		
Rated Current	32A		
Overvoltage Category	III	III	II
Pollution Degree	3	2	2
Rate Impulse Voltage	4kV		
Stripping length	9-11mm		
Materials	PA66 plastic		
	Copper connection piece		
	301 Imported stainless steel		
Pitch	6.2mm		
Conform to RoHS	YES		

KV-3L

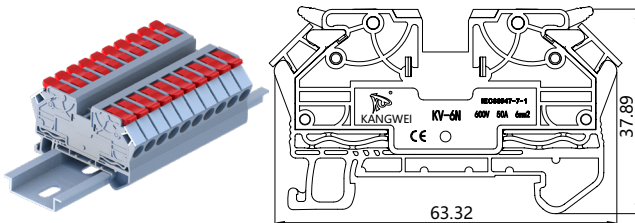


KV-3L PE

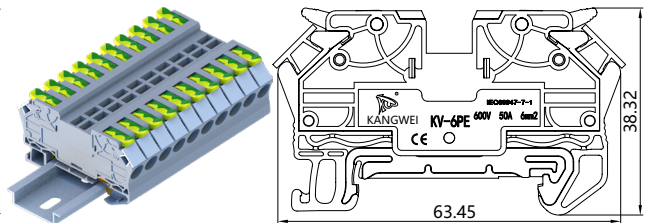
**Technical parameter**

Applicable Wire Gauge(rigid and flexible)	0.2~4mm ² / 24~12 AWG		
Temperature range	-40°C ~105°C		
Rated Voltage	630V		
Rated Current	32A		
Overvoltage Category	III	III	II
Pollution Degree	3	2	2
Rate Impulse Voltage	4kV		
Stripping length	9-11mm		
Materials	PA66 plastic		
	Copper connection piece		
	301 Imported stainless steel		
Pitch	6.2mm		
Conform to RoHS	YES		

KV-6

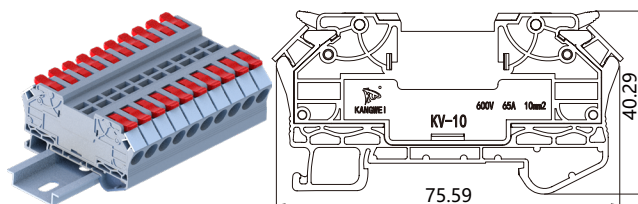


KV-6PE

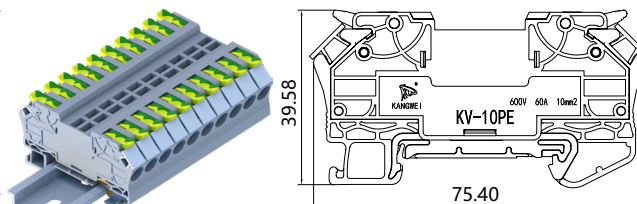
**Technical parameter**

Applicable Wire Gauge(rigid and flexible)	0.5~6, 0.5~10mm ² / 20~8 AWG		
Temperature range	-40°C ~105°C		
Rated Voltage	1000V		
Rated Current	41A		
Overvoltage Category	III	III	II
Pollution Degree	3	2	2
Rate Impulse Voltage	8kV		
Stripping length	10-12mm		
Materials	PA66 plastic		
	Copper connection piece		
	301 Imported stainless steel		
Pitch	8.2mm		
Conform to RoHS	YES		

KV-10



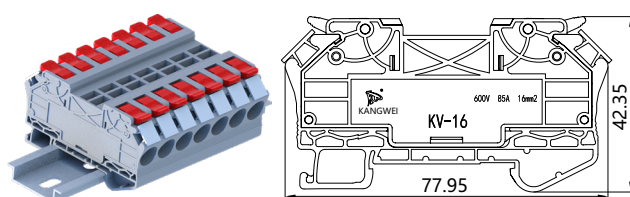
KV-10PE



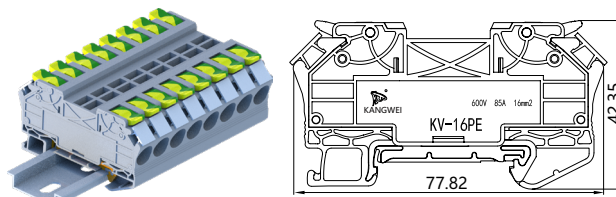
Technical parameter

Applicable Wire Gauge(rigid and flexible)	0.5~10,16mm ² / 20~6 AWG		
Temperature range	-40°C ~105°C		
Rated Voltage	1000V		
Rated Current	57A		
Overvoltage Category	III	III	II
Pollution Degree	3	2	2
Rate Impulse Voltage	8kV		
Stripping length	16-18mm		
Materials	PA66 plastic		
	Copper connection piece		
	301 Imported stainless steel		
Pitch	10.2mm		
Conform to RoHS	YES		

KV-16



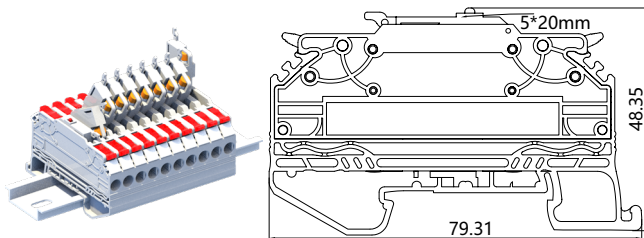
KV-16PE



Technical parameter

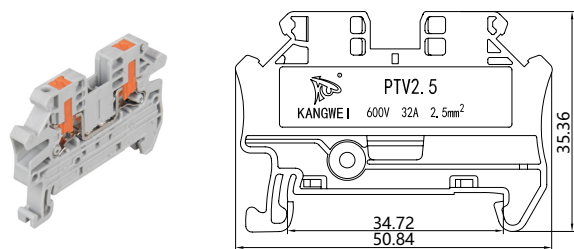
Applicable Wire Gauge(rigid and flexible)	0.5~16,25mm ² / 20~4 AWG		
Temperature range	-40°C ~105°C		
Rated Voltage	1000V		
Rated Current	76A		
Overvoltage Category	III/3	III/2	II/2
Pollution Degree	3	2	2
Rate Impulse Voltage	8kV		
Stripping length	18mm		
Materials	PA66 plastic		
	Copper connection piece		
	301 Imported stainless steel		
Pitch	12.2mm		
Conform to RoHS	YES		

KV-4HESI



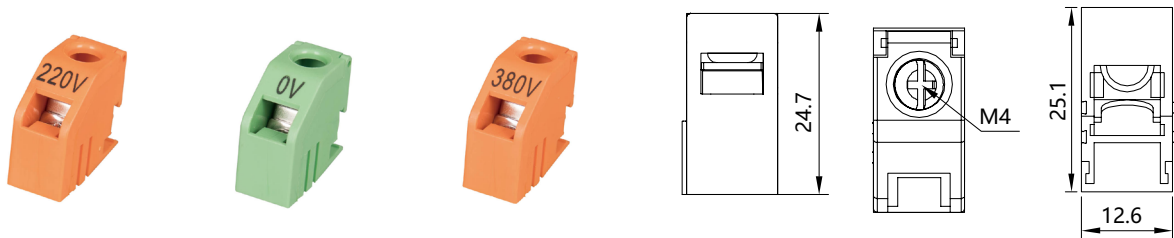
Technical parameter	
Applicable Wire Gauge(rigid and flexible)	0.2~4mm ² / 28~10 AWG
Temperature range	-40°C ~105°C
Rated Voltage	800V
Rated Current	16A
Stripping length(mm)	10-12
Pitch(mm)	6.0
Materials	PA66 plastic
	Copper connection piece
	301 Imported stainless steel
Conform to RoHS	YES
Standard color number	PANTONE / RAL

PTV-2.5



Technical parameter	
Applicable Wire Gauge(rigid and flexible)	0.2~4mm ² / 24~12 AWG
Temperature range	-40°C ~105°C
Rated Voltage	400V、630V
Rated Current	32A
Line number range Poles	N=01~12P
Stripping length	9-11mm
Materials	PA66 plastic
	Copper connection piece
	301 Imported stainless steel
Pitch	5.0mm
Conform to RoHS	YES

KV200 (变压器专用)



Technical parameter	
Applicable Wire Gauge	0.5-4mm ²
Temperature range	-40°C ~100°C
Rated Voltage	250V、600V
Rated Current	32A
Contact resistance	≤ 0.015Ω
Insulation resistance	≥ 1000MΩ
Material	Shell: Nylon PA66/ Polycarbon PC(Nyion)UL94V-1(0)
	Contact piece :62# brass, nickel plated (BrassTin/plated)
	Screw :M6 coated with environmentally friendly zinc
Reach	15 tests
Allowance	±0.05mm

Waterproof Butt Connector

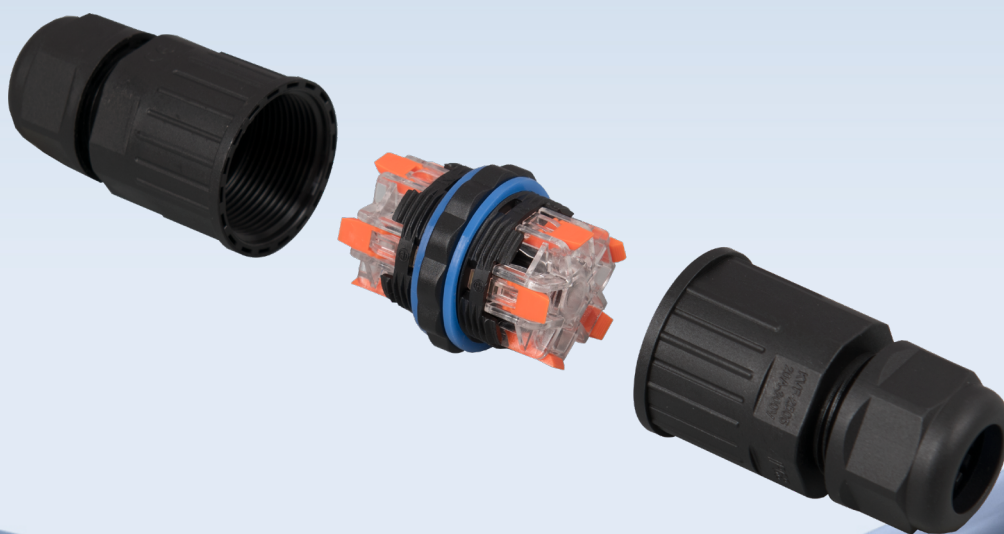
The waterproof butt connector IP68 is a high-performance product designed for wire connections in harsh environments.

With an IP68 rating, this terminal block is waterproof and can be submerged underwater for extended periods of time without affecting its operation, providing reliable protection for wiring connections against water, dust and other contaminants.

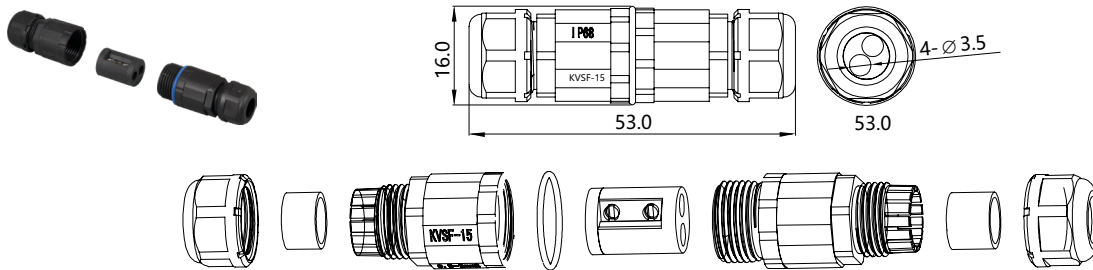
It has a wide wiring range of 0.2 to 4 square wires, allowing stable and secure connections for both thin signal lines and thicker power cords. This wide wiring range increases its applicability in different application scenarios.

In terms of structural design, it emphasizes ease of connection and robustness. The well-designed docking mechanism enables the terminals to be connected quickly and accurately, saving installation time and labor costs. At the same time, the solid connection can ensure that the wires will not be loosened or disconnected under vibration, tension and other complex environments.

Whether it is outdoor lighting system, marine equipment, communication base station, or industrial automation control and other fields, waterproof connector IP68 butt splice terminal can play excellent performance, to ensure the stable operation of the electrical system, it is your ideal choice in waterproof wiring needs.



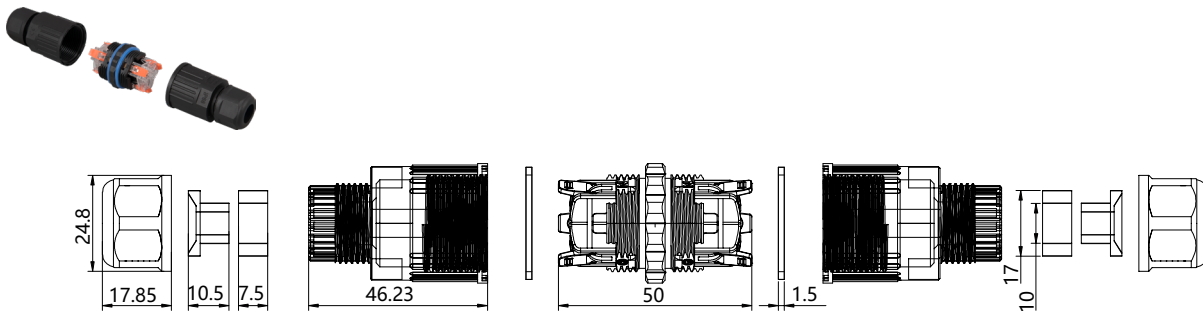
KVSF-15-5



Technical parameter

Applicable wire gauge		0.5-2mm²
Temperature range		-40°C ~105°C
Rated Voltage		300V
Rated Current		10A
Insulation resistance		≥ 1000MΩ
Waterproofing depth		4.5m
Pollution level		3 级 Lv 3
Materials	Shell	Nylon PA66
	Liaison piece	Brass/zinc alloy
	Screw	M3 steel, environmentally friendly zinc plating
	Waterproof ring	Imported silica gel
Conform to		15 tests 15 tests
Tolerance of size < 5		±0.05mm

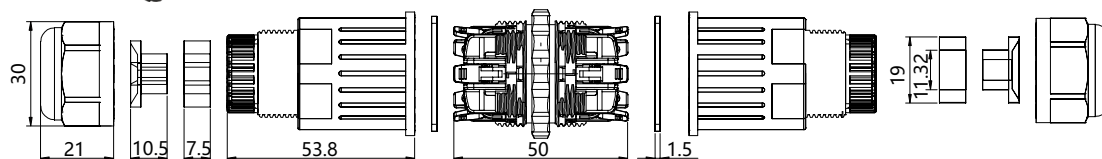
KVF2503



Technical parameter

Applicable wire gauge		0.5-1.5mm ²
Temperature range		-25°C ~60°C
Rated Voltage		250V
Rated Current		16A
Insulation resistance		≥ 1000MΩ
Waterproof class		IP68
Suitable guide		TH35-7.5 guide rail
M20		Three in, three out
Conform to		15 tests / 15 tests
Materials	Shell	Nylon PA66 / Polycarbon PC
	Liaison piece	Brass/Orichalcum
	Snap fastener	Imported 301 stainless steel
Tolerance of size < 5		±0.1mm

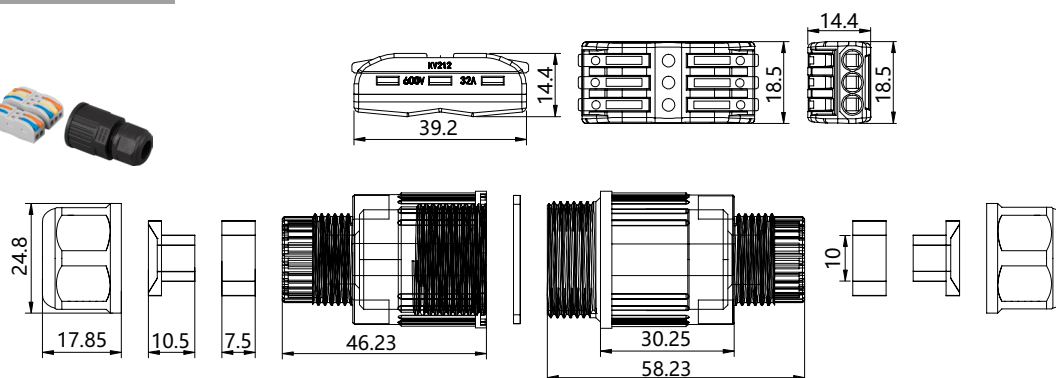
KVF2505 防水接头



Technical parameter

Technical parameters:		
Applicable wire gauge		0.5-1.5mm ²
Temperature range		-25°C ~60°C
Rated Voltage		250V
Rated Current		16A
Insulation resistance		≥ 1000MΩ
Waterproof class		IP68
Suitable guide		TH35-7.5 guide rail
Specification M20		Three in, three out
Conform to		15 tests / 15 tests
Materials	Shell	Nylon PA66 / Polycarbon PC
	Liaison piece	Brass/Orichalcum
	Snap fastener	Imported 301 stainless steel
Tolerance of size < 5		±0.1mm

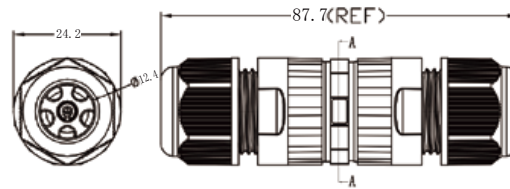
KVF2002-2003 防水接头



Technical parameter

Applicable wire gauge		0.5-1.5mm²
Temperature range		-25°C ~60°C
Rated Voltage		250V
Rated Current		32A
Insulation resistance		≥ 1000MΩ
Waterproof class		IP68
Suitable guide		TH35-7.5 guide rail
Specification M20		Two in two out and three in three out connectors
Conform to		15 tests / 15 tests
Materials	Shell	Nylon PA66 / Polycarbon PC
	Liaison piece	Brass/Orichalcum
	Snap fastener	Imported 301 stainless steel
Tolerance of size < 5		±0.1mm

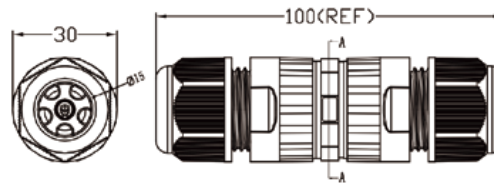
Connector KV-M20



Specifications

Number of Poles	2Pin/3Pin/4Pin/5Pin/6Pin
Rated Voltage	450V
Current Rating	2-4Pin:24A 5/6Pin:17.5A
Wire Section	0.5mm ² -2.5mm ² /0.3mm ² -1.5mm ²
Min Wire Size OD	5-9mm; 9-12mm
Temperature Rating	-40°C ~ +105°C
Waterproof grade IP Code	IP68
Housing Materials	PA66
Terminal Material	Nickel-Plated Brass

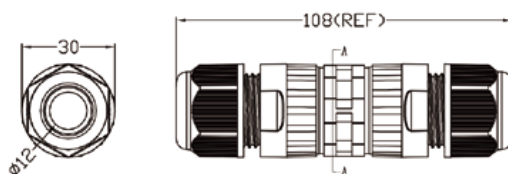
Connector KV-M25



Specifications

Number of Poles	2Pin/3Pin/4Pin/5Pin
Rated Voltage	450V
Current Rating	2-4Pin:40A 5Pin:24A
Wire Section	0.5mm ² -6mm ² /0.5mm ² -2.5mm ²
Min Wire Size OD	5-9mm, 9-12mm, 10-14mm)
Temperature Rating	-40°C ~ +105°C
Waterproof grade IP Code	IP68
Housing Materials	PA66
Terminal Material	Nickel-Plated Brass

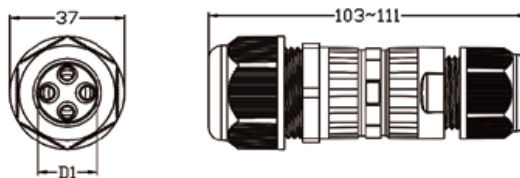
Connector KV-M25B



Specifications

Number of Poles	2Pin/3Pin
Rated Voltage	450V
Current Rating	24A
Wire Section	0.08mm ² -2.5mm ² (4.0mm ²)
Min Wire Size OD	5-9mm, 9-12mm, 10-14mm
Temperature Rating	-40°C ~ +105°C
Waterproof grade IP Code	IP68
Housing Materials	PA66
Terminal Material	Nickel-Plated Brass

Connector KV-M25-3T/4T/5T



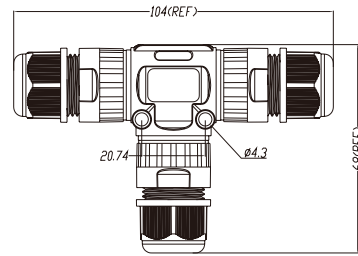
Specifications

Number of Poles	3Pin/4Pin/5Pin
Rated Voltage	450V
Current Rating	40A
Wire Section	0.5mm ² -6mm ²
Min Wire Size OD	5-9mm, 9-12mm, 10-14mm, 14-18mm
Temperature Rating	-40°C ~ +105°C
Waterproof grade IP Code	IP68
Housing Materials	PA66
Terminal Material	Nickel-Plated Brass

Connector KV-M20T



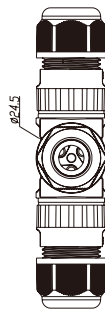
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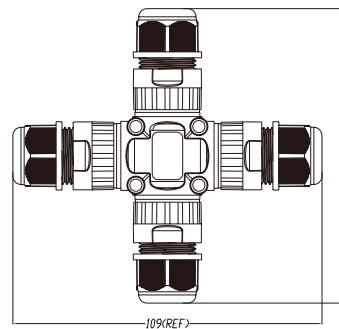
Specifications

Number of Poles	2Pin/3Pin/4Pin
Rated Voltage	450V
Current Rating	24A
Wire Section	0.5mm ² -2.5mm ²
Min Wire Size OD	5-9mm, 9-12mm
Temperature Rating	-40°C ~ +105°C
Waterproof grade IP Code	IP68
Housing Materials	PA66
Terminal Material	Nickel-Plated Brass

Connector KV-M20X



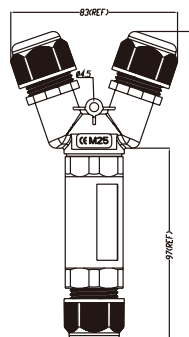
φ24.5



Specifications

Number of Poles	2Pin/3Pin
Rated Voltage	450V
Current Rating	24A
Wire Section	0.5mm ² -2.5mm ²
Min Wire Size OD	5-9mm, 9-12mm
Temperature Rating	-40°C ~ +105°C
Waterproof grade IP Code	IP68
Housing Materials	PA66
Terminal Material	Nickel-Plated Brass

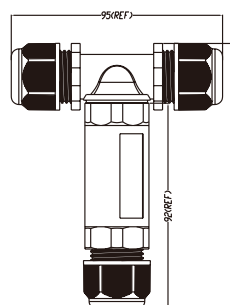
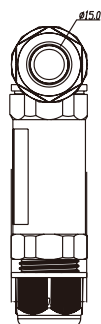
Connector KV-M25Y



Specifications

Number of Poles	2Pin/3Pin/4Pin/5Pin
Rated Voltage	450V
Current Rating	32A
Wire Section	0.5mm ² -4.0mm ²
Min Wire Size OD	5-9mm, 9-12mm, 10-14mm
Temperature Rating	-40°C ~ +105°C
Waterproof grade IP Code	IP68
Housing Materials	PA66
Terminal Material	Nickel-Plated Brass

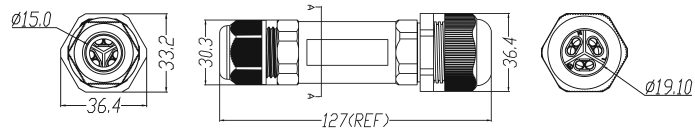
Connector KV-M25T-C



Specifications

Number of Poles	2Pin/3Pin/4Pin/5Pin
Rated Voltage	450V
Current Rating	32A
Wire Section	0.5mm ² -4.0mm ²
Min Wire Size OD	5-9mm, 9-12mm, 10-14mm
Temperature Rating	-40°C ~ +105°C
Waterproof grade IP Code	IP68
Housing Materials	PA66
Terminal Material	Nickel-Plated Brass

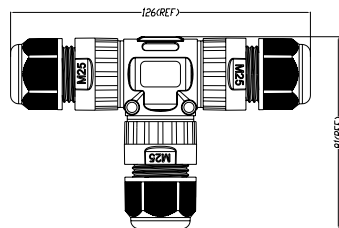
Connector KV-M25I



Specifications

Number of Poles	2Pin/3Pin/4Pin/5Pin
Rated Voltage	450V
Current Rating	32A
Wire Section	0.5mm ² -4.0mm ²
Min Wire Size OD	5-9mm, 9-12mm, 10-14mm
Temperature Rating	-40°C ~ +105°C
Waterproof grade IP Code	IP68
Housing Materials	PA66
Terminal Material	Nickel-Plated Brass

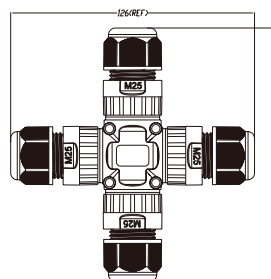
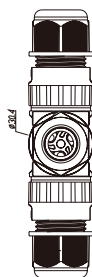
Connector KV-M25T



Specifications

Number of Poles	2Pin/3Pin
Rated Voltage	450V
Current Rating	40A
Wire Section	0.5mm ² -6.0mm ²
Min Wire Size OD	5-9mm, 9-12mm, 10-14mm, 14-18mm
Temperature Rating	-40°C ~ +105°C
Waterproof grade IP Code	IP68
Housing Materials	PA66
Terminal Material	Nickel-Plated Brass

Connector KV-M25X



Specifications

Number of Poles	2Pin/3Pin
Rated Voltage	450V
Current Rating	40A
Wire Section	0.5mm ² -6.0mm ²
Min Wire Size OD	5-9mm, 9-12mm, 10-14mm, 14-18mm
Temperature Rating	-40°C ~ +105°C
Waterproof grade IP Code	IP68
Housing Materials	PA66
Terminal Material	Nickel-Plated Brass

Connector KV-RJ45



Specifications

Interface Type	Data communication
Connection method	Inline
Characteristic	Network waterproof
Wire matching	24AWG
Wire outer diameter	MAX 6.5mm
Am bient temperature	-40°C ~ +105°C
Waterproof level	IP68
Panel thickness	MAX 10mm
Pluggable times	500 次 Times

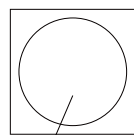
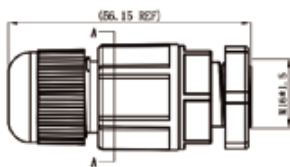
Connector KV-RJ45



Specifications

Interface Type	Data communication
Connection method	Inline
Characteristic	Network waterproof
Wire matching	24AWG
Wire outer diameter	MAX6.5mm
Ambient temperature	-40°C ~+105°C
Waterproof level	IP68
Panel thickness	MAX10mm
Pluggable times	500 次 Times

Connector KV-L02-L03

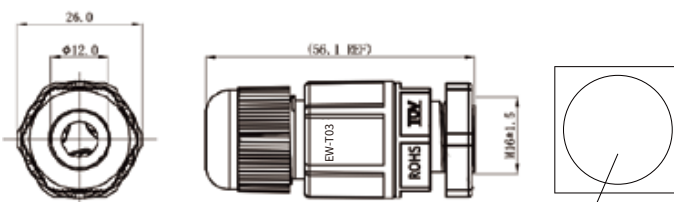


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Specifications

Number of Poles	2Pin/3Pin
Rated Voltage	450V
Current Rating	24A
Wire Section	0.5mm ² -2.5mm ²
Min Wire Size OD	3.5-7mm; 7-10mm
Temperature Rating	-40°C ~+105°C
Waterproof grade IP Code	IP68
Housing Materials	PA66
Terminal Material	Nickel-Plated Brass

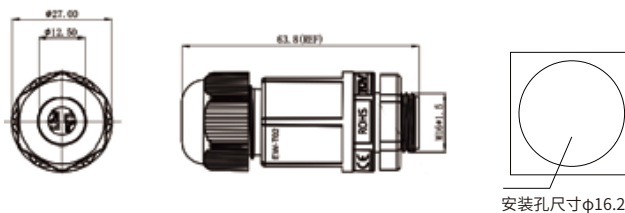
Connector KV-T03-3P



Specifications

Number of Poles	3Pin
Rated Voltage	450V
Current Rating	16A
Wire Section	0.5mm ² -2.5mm ²
Min Wire Size OD	5-9mm; 9-12mm
Temperature Rating	-40°C ~ +105°C
Waterproof grade IP Code	IP68
Housing Materials	PA66
Terminal Material	Nickel-Plated Brass

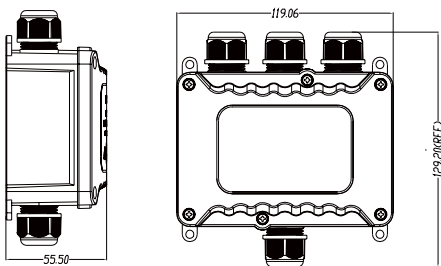
Connector KV-T02-2P



Specifications

Number of Poles	2 Pin
Rated Voltage	450V
Current Rating	16A
Wire Section	0.5mm ² -2.5mm ²
Min Wire Size OD	5-9mm; 9-12mm
Temperature Rating	-40°C ~ +105°C
Waterproof grade IP Code	IP68
Housing Materials	PA66
Terminal Material	Nickel-Plated Brass

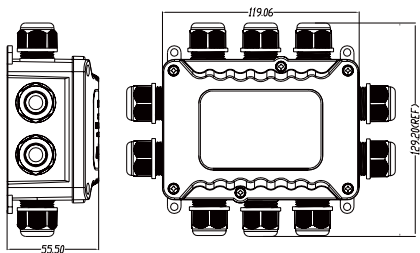
Junction Box KV-M2068(XL)



Specifications

Rated Voltage	450V
Current Rating	40A
Wire Section	0.5mm ² -6.0mm ²
Min Wire Size OD	5-9mm, 9-12mm
Temperature Rating	-40°C ~ +105°C
Waterproof grade IP Code	IP68
Housing Materials	PA66

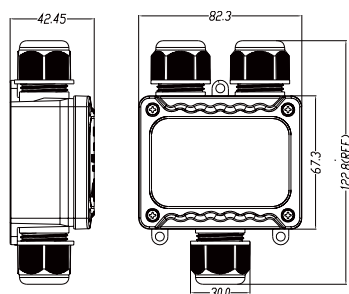
Junction Box KV-M2068(XL)



Specifications

Rated Voltage	450V
Current Rating	40A
Wire Section	0.5mm ² -6.0mm ²
Min Wire Size OD	5-9mm, 9-12mm, 10-14mm
Temperature Rating	-40°C ~ +105°C
Waterproof grade IP Code	IP68
Housing Materials	PA66

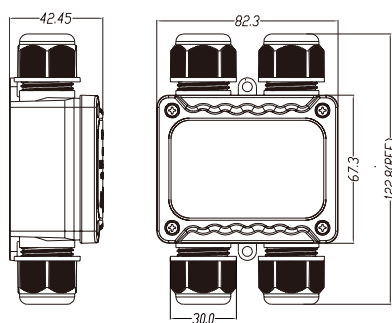
Junction Box KV-M2068(L)-Y



Specifications

Rated Voltage	450V
Current Rating	40A
Wire Section	0.5mm ² -6.0mm ²
Min Wire Size OD	5-9mm, 9-12mm, 10-14mm
Temperature Rating	-40°C ~ +105°C
Waterproof grade IP Code	IP68
Housing Materials	PA66

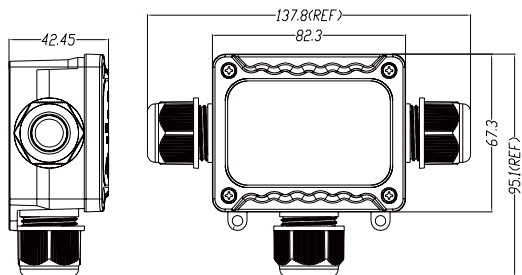
Junction Box KV-M2068(L)-H



Specifications

Rated Voltage	450V
Current Rating	40A
Wire Section	0.5mm ² -6.0mm ²
Min Wire Size OD	5-9mm, 9-12mm, 10-14mm
Temperature Rating	-40°C ~ +105°C
Waterproof grade IP Code	IP68
Housing Materials	PA66

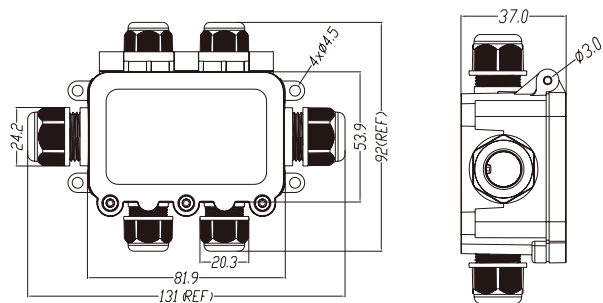
Junction Box KV-M2068(L)-T



Specifications

Rated Voltage	450V
Current Rating	40A
Wire Section	0.5mm ² -6.0mm ²
Min Wire Size OD	5-9mm, 9-12mm, 10-14mm
Temperature Rating	-40°C ~ +105°C
Waterproof grade IP Code	IP68
Housing Materials	PA66

Junction Box KV-M2068



Specifications

Outer Cable Diameter	M20:5-9mm, 9-12mm M16:3.5-7mm, 7-10mm
Rated Voltage	450V
Current Rating	40A
Wire Section	0.5mm ² -6mm ²
Temperature Rating	-40°C ~ +105°C
Waterproof grade IP Code	IP68
Housing Materials	PA66
Housing Materials	PA66

Junction Box KV-M2068 SERIES



KV-M2068-2T



KV-M2068-3T



KV-M2068-4T (A)



KV-M2068-4T(B)



KV-M2068-5T



KV-M2068-6T

 The product data referred to in the company shall be subject to material object. Subject to change without notice.
The company has the final right to interpret.

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WESTLEC

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