



PVLINKTECH PRODUCT CATALOG 2026

2026产品画册

➤ ➤ Xinyi Suofanta Technology Co., Ltd.



联系我们 CONTACT US

E-mail: ryan@pvlinktech.com

Address: Industrial Zone, Lisonglang Community, Gongming Subdistrict, Guangming District, Shenzhen, Guangdong 518106, China

Tel: (+86) 132-8895-6228

Web: <https://www.pvlinktech.com>



可靠 · 认证 · 工程实力
Reliable · Certified · Engineered

目录
CONTENTS



01 About PVLinkTech

Company Profile / Culture /
Production Capacity/Product
Application /Quality Assurance/

03 Certifications &
Compliance

CE Certification /RoHS Certification /
UL Certification /ISO Certification/
System Certification / Patent
Certification/

02 Product Portfolio

Energy Storage Connection Solutions /
Energy Storage Connectors /
Bolt-Type Connectors / Copper Busbar
Connectors / MSD Manual Service
Disconnects /
Stackable Energy Storage Connectors / IP68
Waterproof Connectors /
Waterproof Junction Boxes / LED Surge
Protection Devices /
Outdoor Lighting & Power Distribution
Solutions / Push-Wire Connectors /
Terminal Blocks / Pluggable Connectors /
Photocell Control Products /
Solar PV Connectors / Custom Connection
Solutions



公司简介

ABOUT PVLINKTECH

公司介绍

2015

Founded

6,800 M²

Manufacturing Facility

30+

R&D Engineers

PVLinkTech, operated by Xinyi Suofanta Technology Co., Ltd., specializes in connection solutions for waterproof, solar PV and battery energy storage applications. Our portfolio includes IP67/IP68 waterproof connectors, waterproof junction boxes, energy storage connectors, solar connectors, battery busbar connectors, manual service disconnects and LED surge protective devices.

With integrated capabilities in R&D, tooling, injection molding, metal stamping, assembly and testing, we support equipment manufacturers, system integrators, EPC contractors and distributors with product selection, OEM/ODM development, prototype validation and volume production.



Reliable Connections



Verified Quality



Continuous Innovation



In-House Engineering



Quality Tested



OEM/ODM Support

企业文化 OUR VALUES

Engineered for Real-World Reliability.

We start with the customer's application requirements and combine reliable engineering, structured validation and continuous improvement to deliver practical, scalable connection solutions.



客户导向

Customer Focus



工程诚信

Engineering Integrity



持续改进

Continuous Improvement



长期合作

Long-Term Partnership

www.pvlinktech.com

储能产品解决方案

Push-in energy storage connectors

- ◆ Rated current: 50A-500A
- ◆ Rated voltage: 1500V DC
- ◆ Passed CE, UL, ROHS and other product certifications
- ◆ A number of independent patents have been obtained

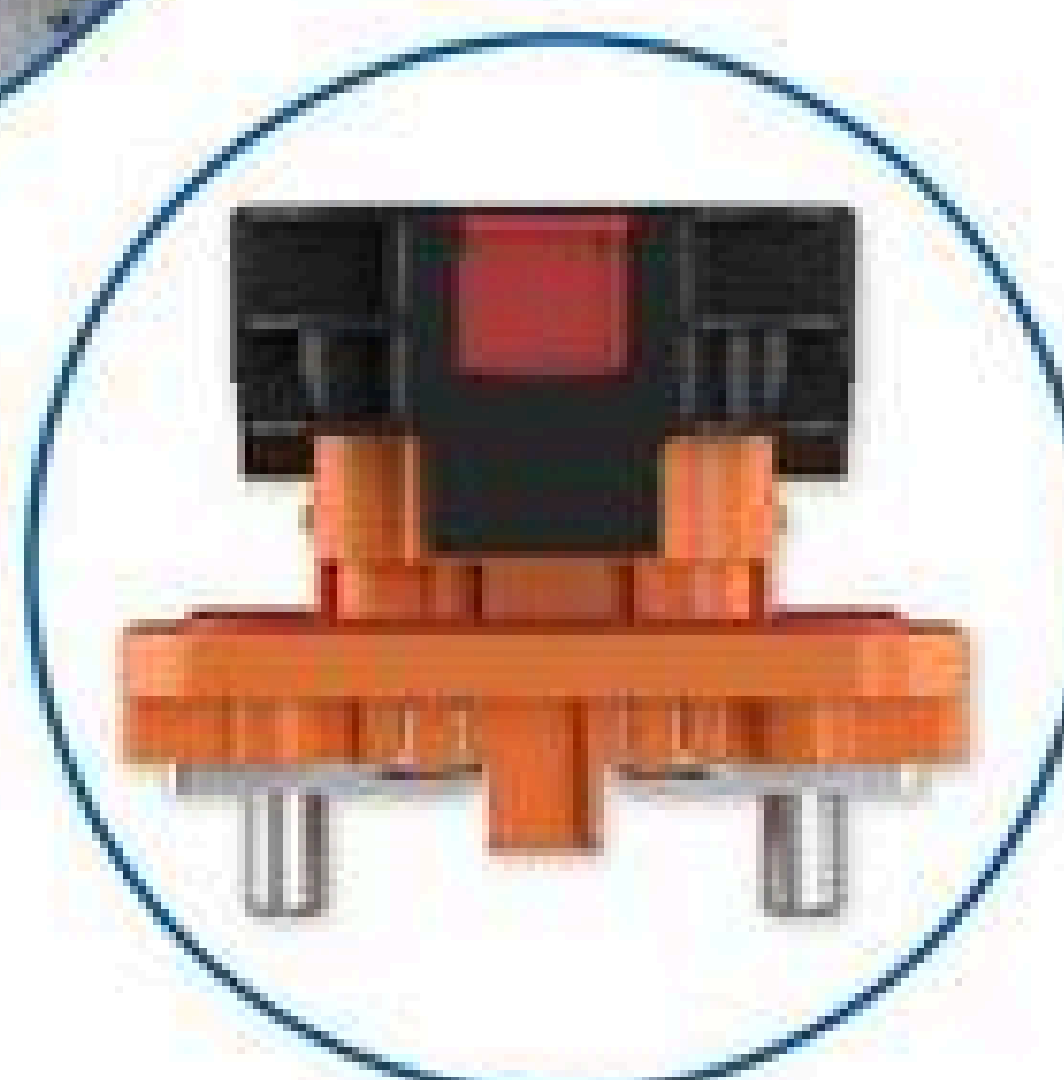


Industrial/commercial energy storage



MSD manual service switches

- ◆ Rated current: 350A
- ◆ Rated voltage: 1500V DC
- ◆ Degree of protection: IP67 / UL94 V-0



Bolt connector

- ◆ Rated current: 70A-400A
- ◆ Rated voltage: 1500V DC
- ◆ The structure adopts anti-arc design
- ◆ Performance: Low temperature rise, safe and reliable connection



Busbar connectors

- ◆ Rated current: 200A-600A
- ◆ Rated voltage: 1500V DC
- ◆ The structure adopts anti-arc design
- ◆ Performance: Low temperature rise, safe and reliable connection



Household energy storage

Stacking battery swap connectors

- ◆ Rated current: 50A-240A
- ◆ Adopt floating / fixed design
- ◆ Insulation Resistance: >10MΩ @ 500V DC



(Floating)



(Stationary)



生产能力

PVLinkTech integrates R&D, mold design, precision injection molding, metal stamping, cable assembly, connector assembly and product testing. With in-house engineering and controlled manufacturing processes, we support projects from initial design and prototyping to sample validation and volume production.



PRODUCT APPLICATIONS

产品应用

PVLinkTech provides reliable connection solutions for solar PV, battery energy storage, industrial automation and outdoor electrical applications. Our product portfolio includes IP67/IP68 waterproof connectors, solar connectors, energy storage connectors, waterproof junction boxes, battery busbar connectors, manual service disconnects and LED surge protective devices.



品质保证

Testing equipment

TESTING EQUIPMENT



Vickers hardness tester



2.5-dimensional projector



Electronic altimeter



Insulated electrical group tester



Hipot tester



Plating thickness gauge



Digital megohmmeters



Fully automatic plugging and unplugging machine



Micrometers/calipers



Experimental equipment

Quality control standards:

1. Testing equipment* detection accuracy up to 0.005mm
2. The pass rate of factory inspection is more than 99%
3. Provide inspection reports and material certificates



High voltage tester



Plugging force life testing machine



Programmable constant temperature and humidity test chamber



Salt spray testing machine



Terminal temperature rise tester



Waterproof test chamber

储能连接器

Introduction to energy storage connectors ENERGY STORAGE CONNECTORS

CN series products are connectors for energy storage systems, which are a high-voltage connector specially designed and developed by our company for the energy storage industry, which mainly includes: 50A~120A, 150A~200A, 250A~300A, 250A~350A, 400A~500A, a total of five series.



Fast self-locking,
one-key release design



1000/1500V DC



Finger spring high
current design



360° rotation at will

- ◆ UL1977/4128 certification.
- ◆ The contact is made of high-quality copper alloy material to ensure the stability of the electrical connection.
- ◆ The design of the connector incorporates an indispensable latching system to ensure a clear electrical and mechanical connection.
- ◆ The connector housing is made of thermoplastic material, which is not only durable, but also has excellent dielectric, mechanical properties and meets the environment through lead-free certification.

Model	Applicable cables	Current rating
CN06	10/16/25mm ²	70A/100A/120A
CN08	35/50/70mm ²	150A/200A/250A
CN10	50/70/95mm ²	200A/250A/300A
CN12	70/95/120mm ²	250A/300A/350A
CN14	150/185mm ²	400A/450A/500A



M: Threaded hole type



LD: Screw type



LM: Nut type



T: Through-hole

Note: The above terminal connection methods and specifications can be customized according to customer needs.

储能连接器

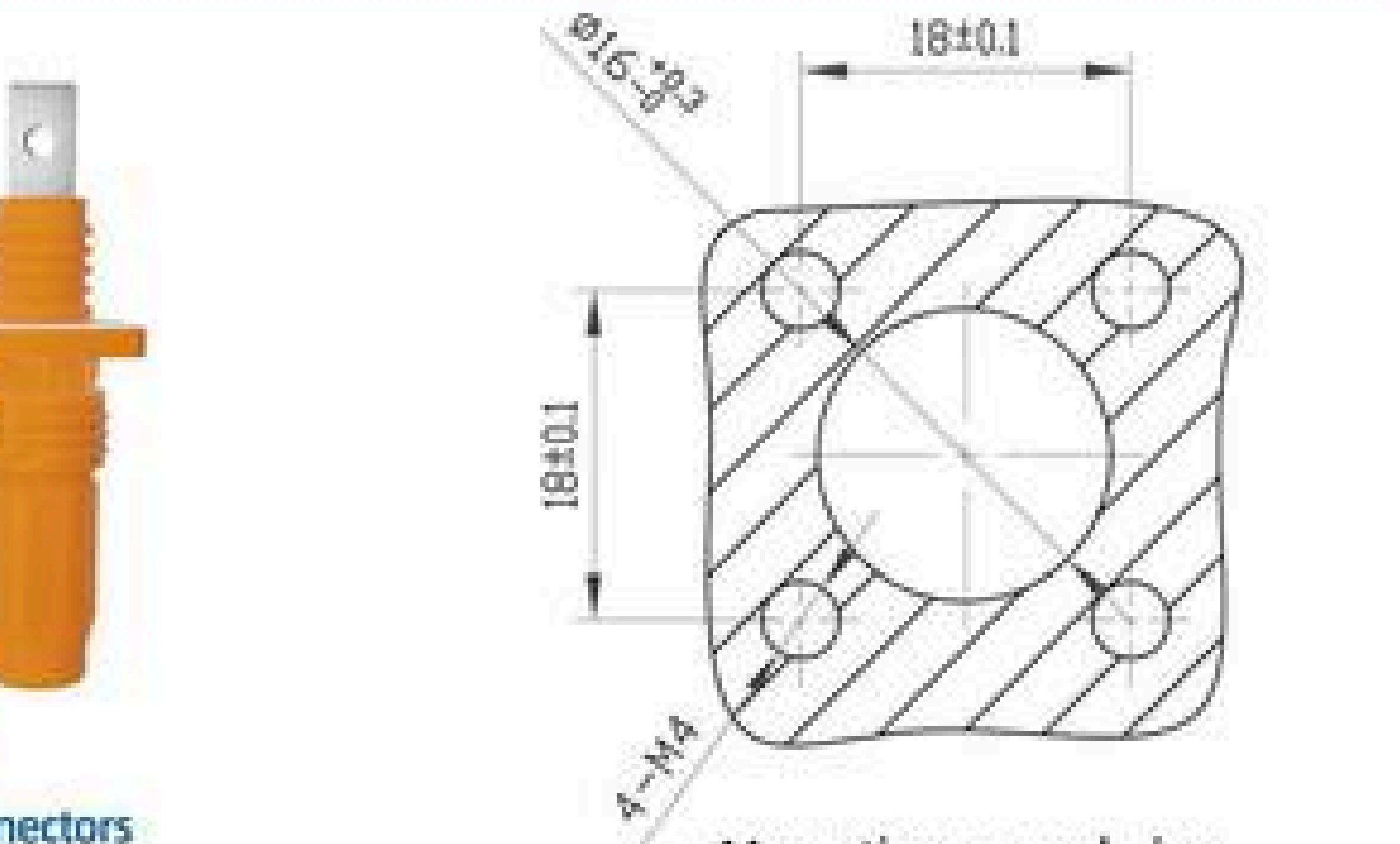
CN06 Energy Storage Connector(120A) CN06 ENERGY STORAGE CONNECTOR(120A)



(Right-angle)
energy storage connectors



(Straight)
energy storage connectors



Mounting panel size



M: Threaded hole type



LD: Screw type



LM: Nut type



T: Through-hole type

Note: There are four ways of plug to choose from (can also be customized according to customer needs)



Fireproof and flame
retardant



IP67 waterproof



PA66 material



Quality
Assurance



CE recognized



UL recognized

Technical parameters			
Material	PA66/T2Y pure copper silver-plated	Number of cores	Single core
Rated current	70A/100A/120A	Rated voltage	1000V / 1500V DC
Contact resistance	≤0.2mΩ(100mA)	Insulation resistance	>500MΩ
Plugging force	≤75N	Dielectric strength	3000V / 4000V AC
Number of mating cycles	≥500 times	Degree of protection	IP67\UL94 V-0
Applicable cables	10mm ² /16mm ² /25mm ²	Operating temperature	-40~125°C

储能连接器

CN08 Energy Storage Connector(250A)

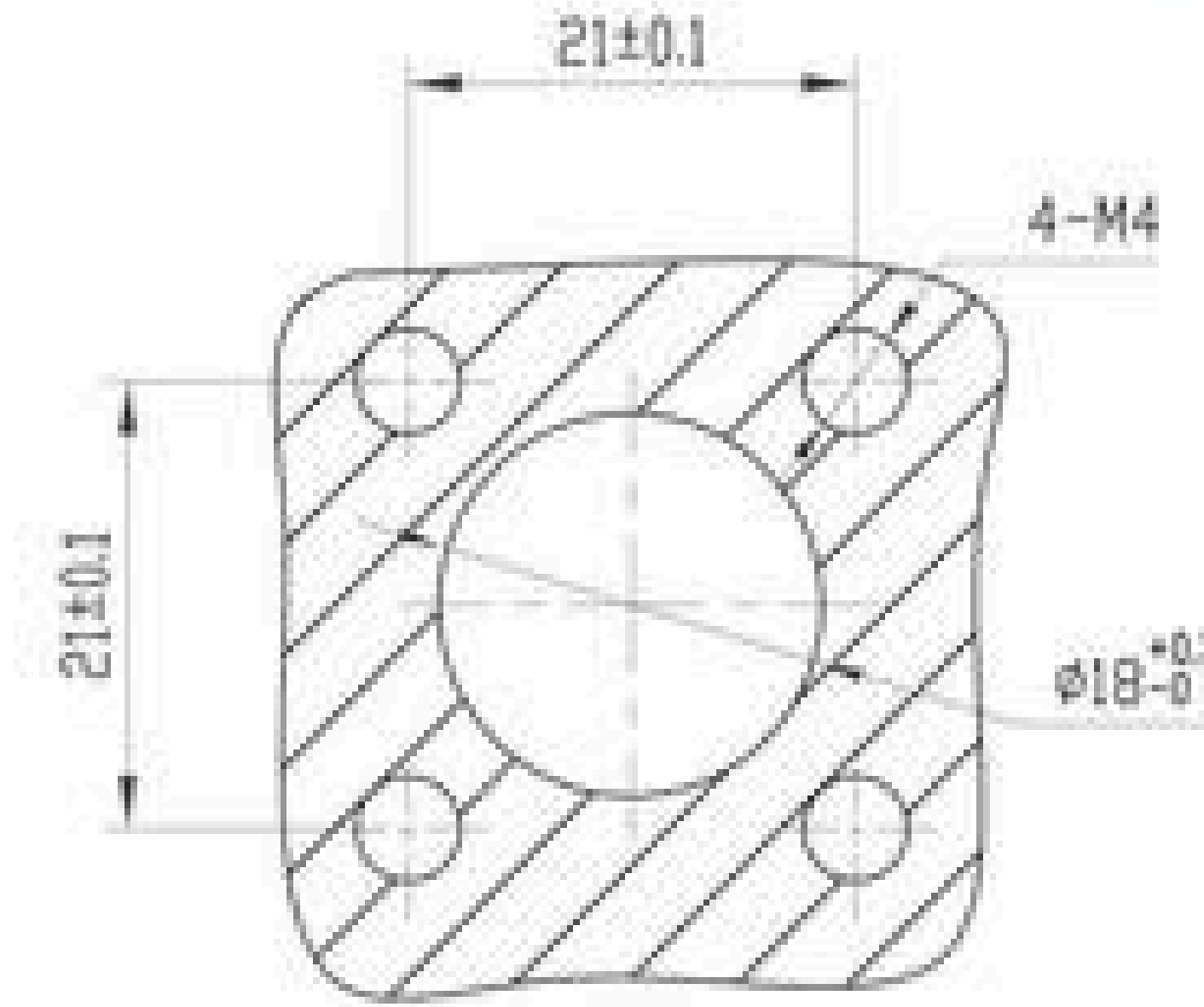
CN08 ENERGY STORAGE CONNECTOR(250A)



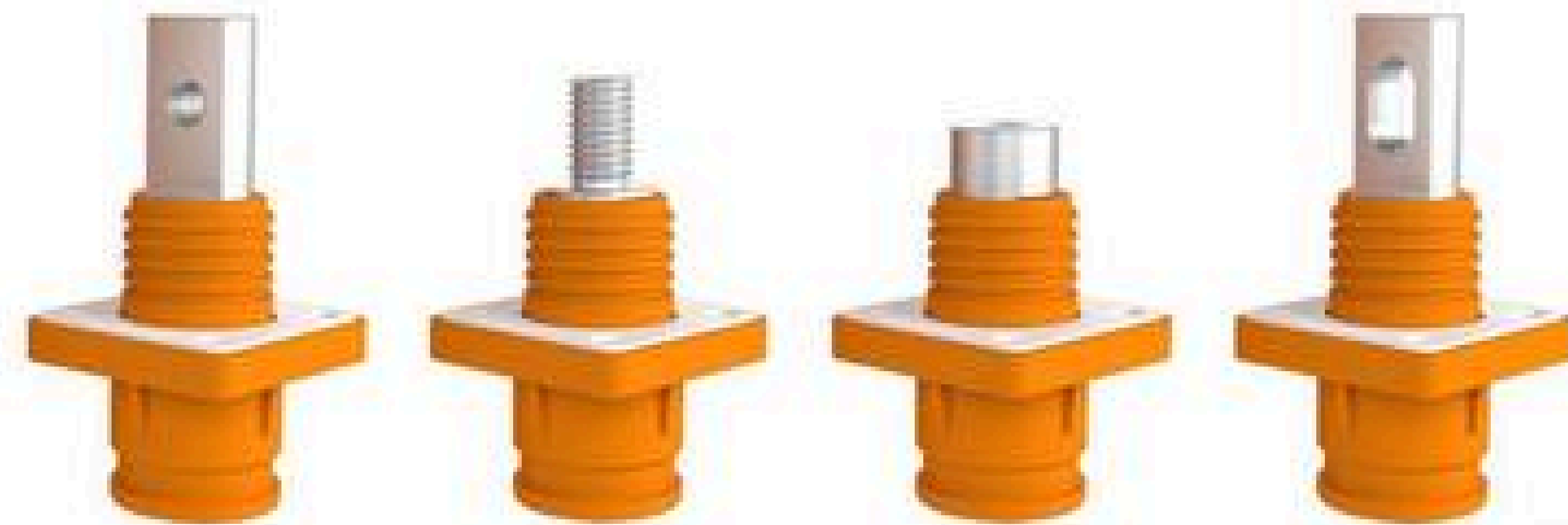
(Right-angle)
energy storage connectors



(Straight)
energy storage connectors



Mounting panel size



M: Threaded hole type LD: Screw type LM: Nut type T: Through-hole type
Note: There are four ways of plug to choose from (can also be customized according to customer needs)



Technical parameters

Material	PA66/T2Y pure copper silver-plated	Number of cores	Single core
Rated current	150A/200A/250A	Rated voltage	1500V DC
Contact resistance	$\leq 0.2\text{m}\Omega(100\text{mA})$	Insulation resistance	$>500\text{M}\Omega$
Plugging force	$\leq 75\text{N}$	Dielectric strength	4000V AC
Number of mating cycles	≥ 500 times	Degree of protection	IP67\UL94 V-0
Applicable cables	$35\text{mm}^2/50\text{mm}^2/70\text{mm}^2$	Operating temperature	$-40\sim 125^\circ\text{C}$

储能连接器

CN10 Energy Storage Connector(300A)

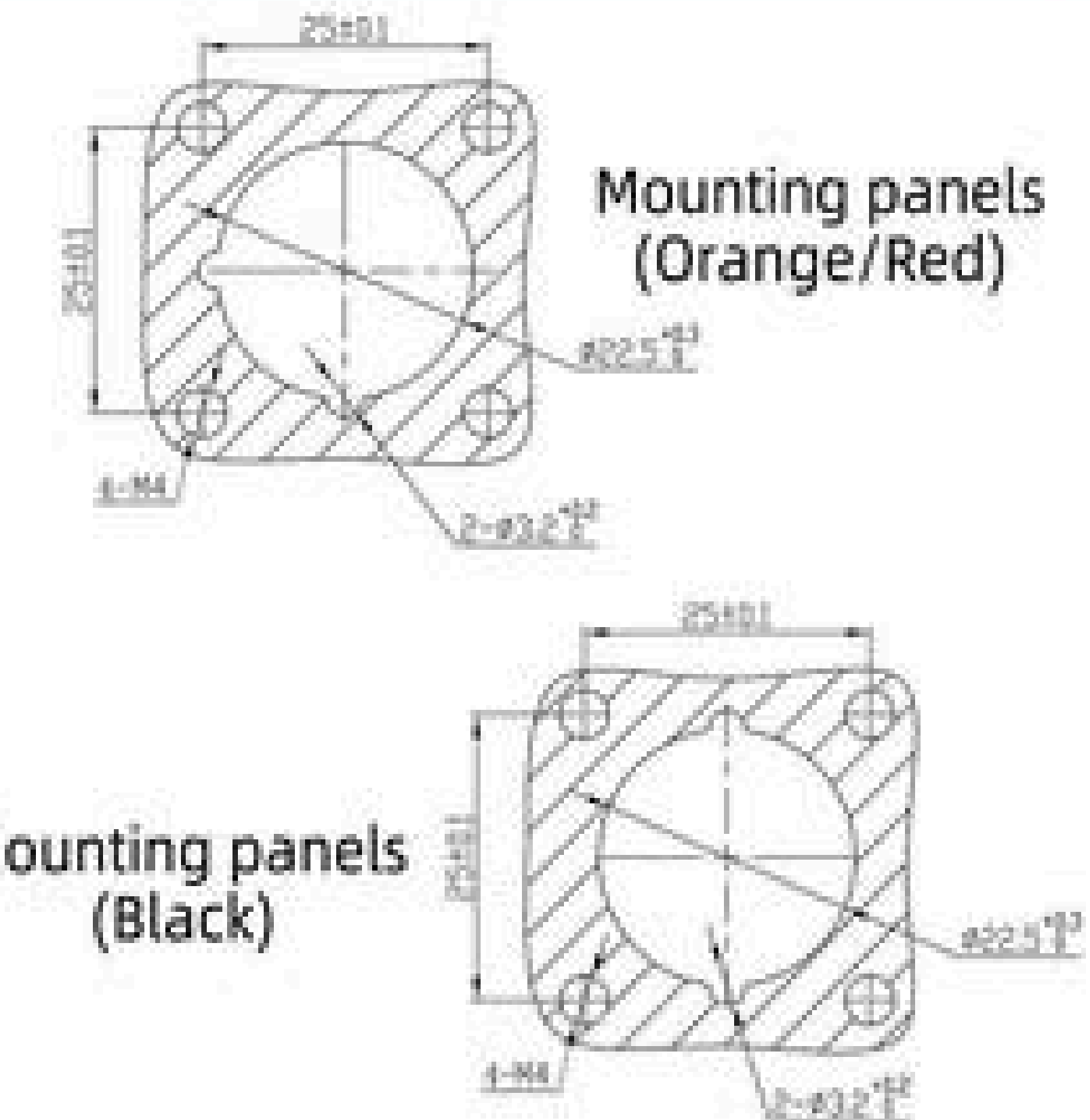
CN10 ENERGY STORAGE CONNECTOR(300A)



(Right-angle)
energy storage connectors



(Straight)
energy storage connectors



Mounting panels
(Black)



M: Threaded hole type LD: Screw type LM: Nut type T: Through-hole type
Note: There are four ways of plug to choose from (can also be customized according to customer needs)



Technical parameters

Material	PA66/T2Y pure copper silver-plated	Number of cores	Single core
Rated current	200A/250A/300A	Rated voltage	1500V DC
Contact resistance	$\leq 0.5\text{m}\Omega(100\text{mA})$	Insulation resistance	$>500\text{M}\Omega$
Plugging force	$\leq 75\text{N}$	Dielectric strength	4000V AC
Number of mating cycles	≥ 500 times	Degree of protection	IP67\UL94 V-0
Applicable cables	$50\text{mm}^2/70\text{mm}^2/95\text{mm}^2$	Operating temperature	$-40\sim 125^\circ\text{C}$

储能连接器

CN12 Energy Storage Connector(350A)

CN12 ENERGY STORAGE CONNECTOR(350A)



Technical parameters

Material	PA66/T2Y pure copper silver-plated	Number of cores	Single core
Rated current	250A/300A/350A	Rated voltage	1500V DC
Contact resistance	≤0.5mΩ(100mA)	Insulation resistance	>500MΩ
Plugging force	≤75N	Dielectric strength	4000V AC
Number of mating cycles	≥500 times	Degree of protection	IP67\UL94 V-0
Applicable cables	70mm ² /95mm ² /120mm ²	Operating temperature	-40~125℃

ENERGY STORAGE CONNECTOR

储能连接器

CN14 Energy Storage Connector(500A)

CN14 ENERGY STORAGE CONNECTOR(500A)



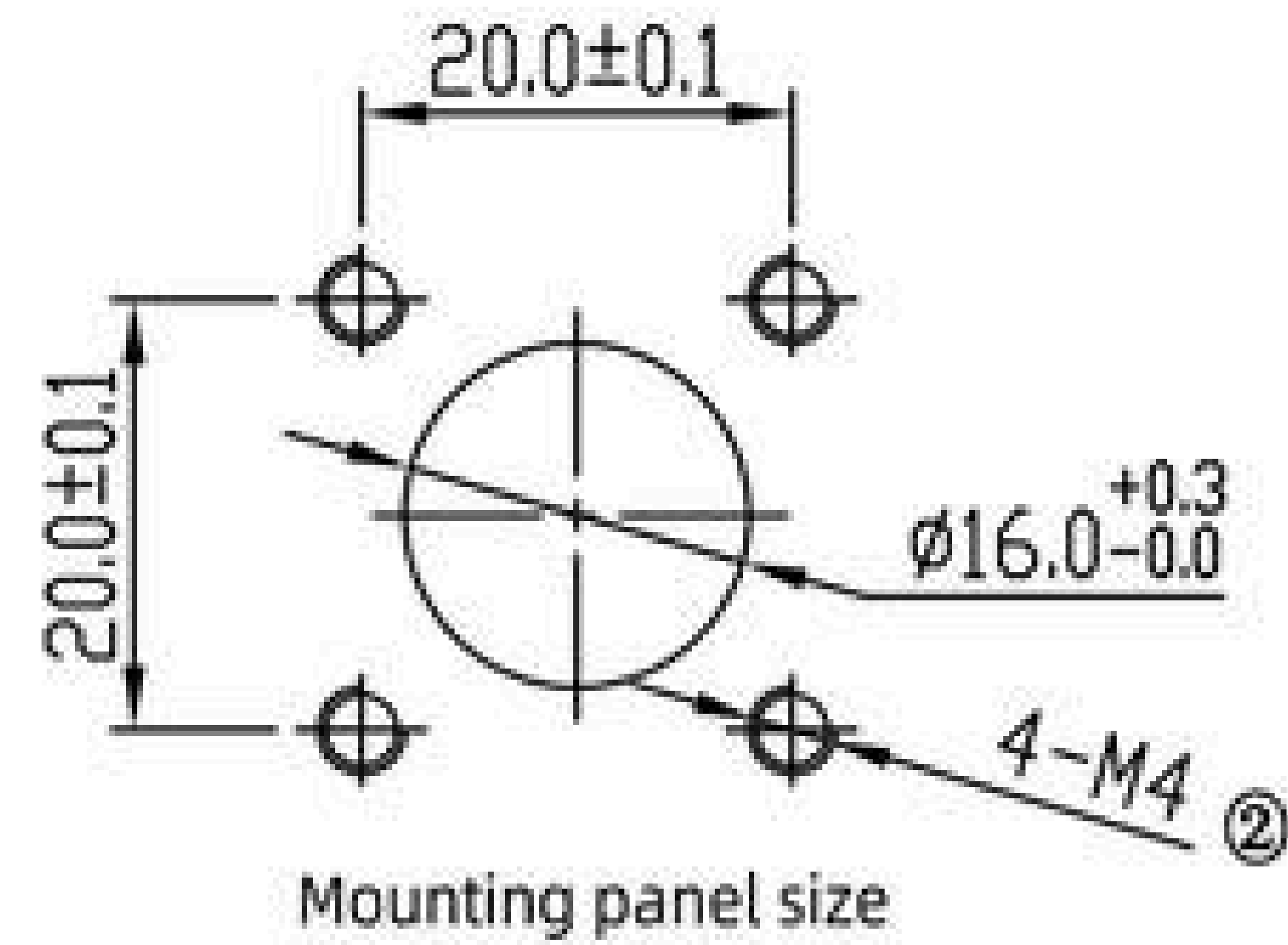
Technical parameters

Material	PA66/T2Y pure copper silver-plated	Number of cores	Single core
Rated current	400A/450A/500A	Rated voltage	1500V DC
Contact resistance	≤0.5mΩ(100mA)	Insulation resistance	>500MΩ
Plugging force	≤75N	Dielectric strength	4000V AC
Number of mating cycles	≥500 times	Degree of protection	IP67\UL94 V-0
Applicable cables	150mm ² /185mm ²	Operating temperature	-40~125℃

螺栓接线器

BOLT CONNECTOR SERIES(120A)

BOLT CONNECTOR SERIES(120A)



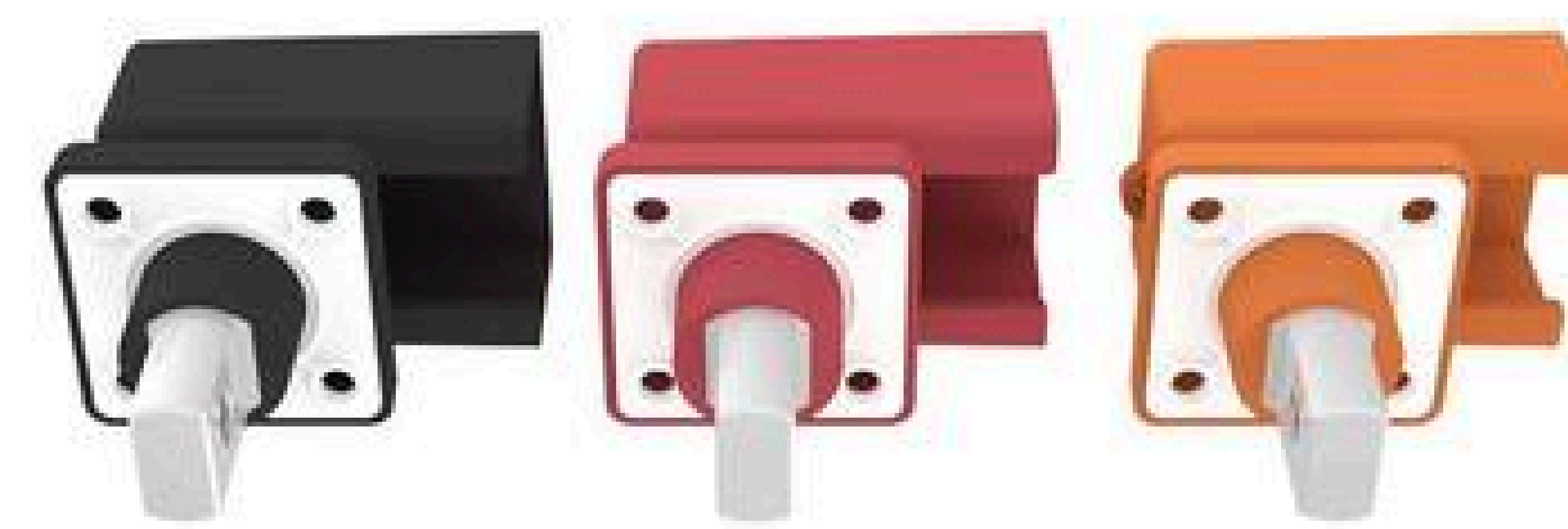
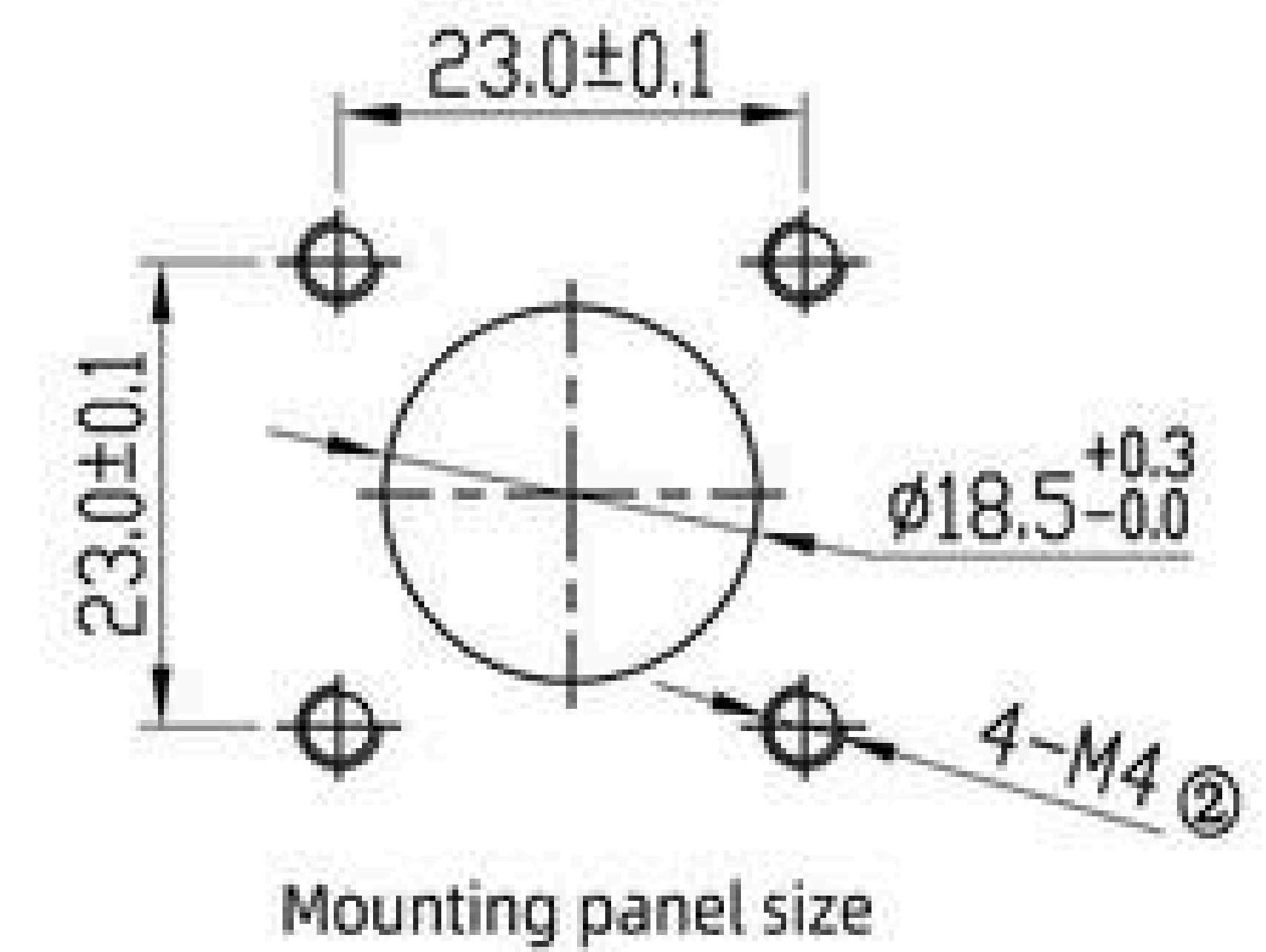
Technical parameters

Material	PA66/H59 brass with nickel plating	Number of cores	Single core
Rated current	100A/120A	Rated voltage	600V DC
Applicable busbar	15*3mm	Dielectric strength	2200V AC
Applicable cable lug	JG25-6	Mounting screws	M6-5.5N.m / M4-2N.m
Applicable cables	10/16/25mm ²	Cable outlet orientation	360° rotatable

BOLT CONNECTOR 螺栓接线器

BOLT CONNECTOR SERIES(250A)

BOLT CONNECTOR SERIES(250A)



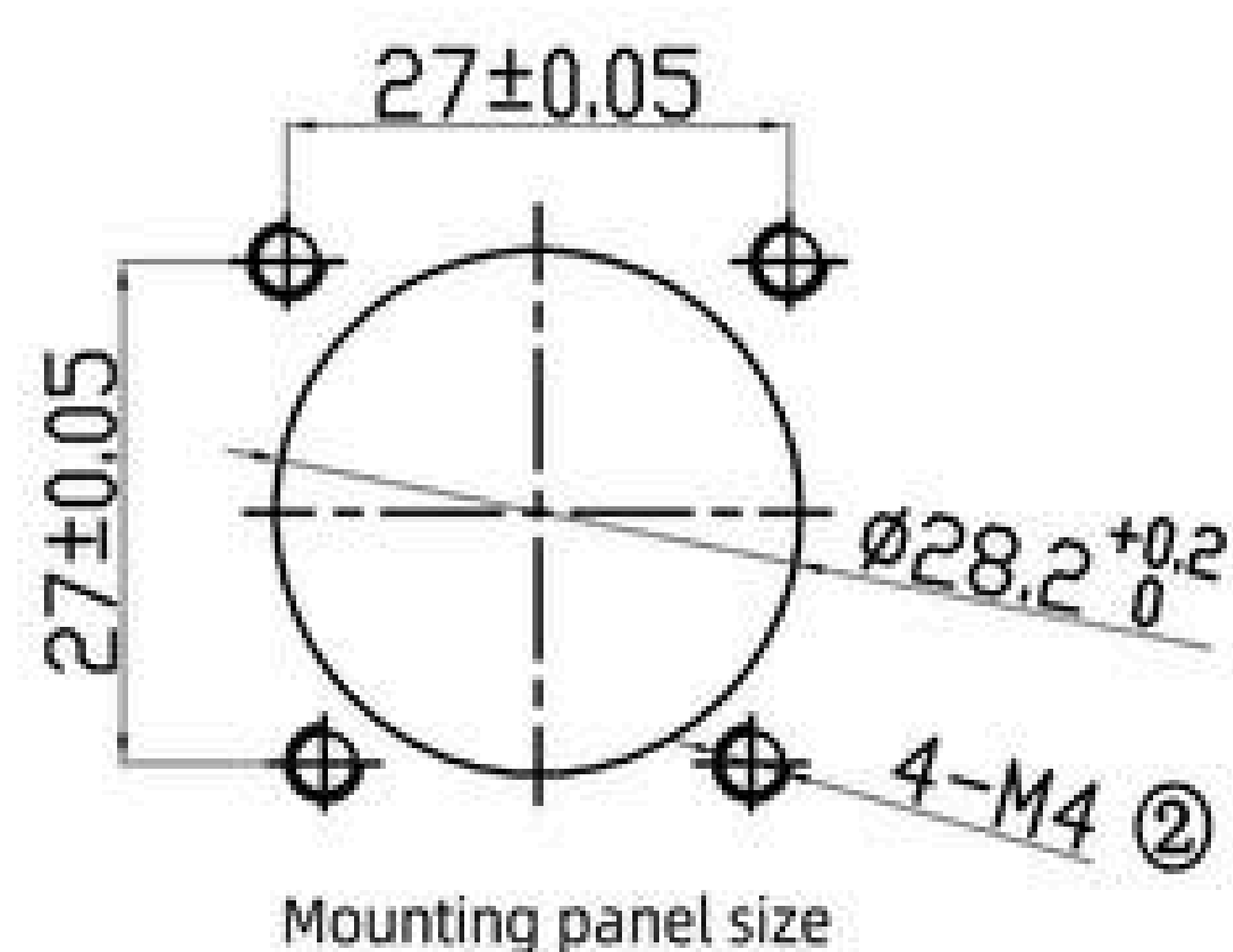
Technical parameters

Material	PA66/H59 brass with nickel plating	Number of cores	Single core
Rated current	150A/250A	Rated voltage	1000V DC
Applicable busbar	20*4mm	Dielectric strength	2200V AC
Applicable cable lug	JG50-6 / JG50-8	Mounting screws	M6-5.5N.m / M8-12N.m / M4-2N
Applicable cables	35/50mm ²	Cable outlet orientation	360° rotatable

螺栓接线器

BOLT CONNECTOR SERIES(400A)

BOLT CONNECTOR SERIES(400A)



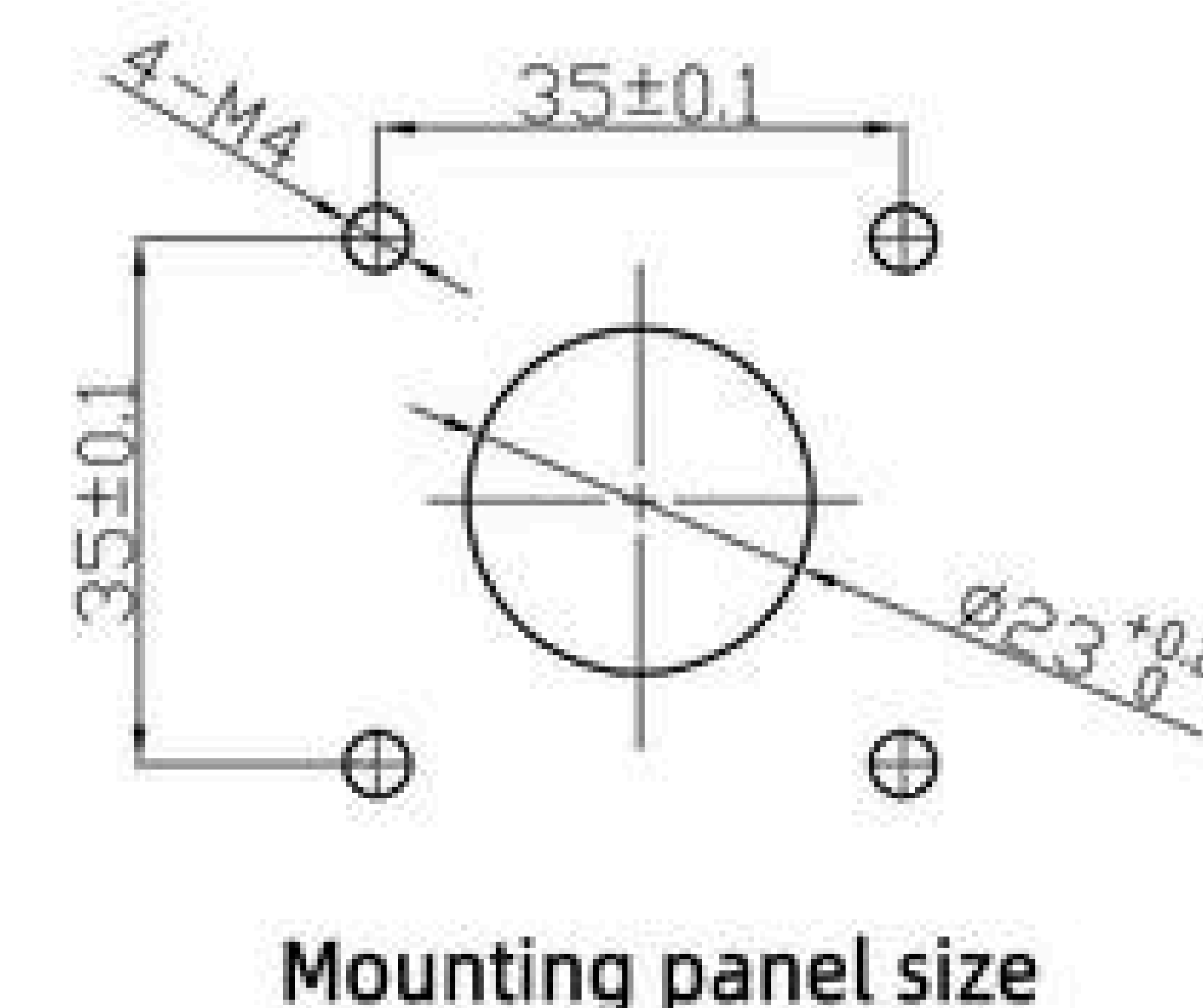
Technical parameters

Material	PA66/H59 brass with nickel plating	Number of cores	Single core
Rated current	400A	Rated voltage	1500V DC
Applicable busbar	25*6mm (400A)	Dielectric strength	4000V AC
Applicable cable lug	JG120-10 (350A)	Mounting screws	M8-12N.m / M4-2.0N.m
Applicable cables	120mm ²	Cable outlet orientation	360° rotatable

COPPER BAR CONNECTOR 铜排接线器

COPPER BAR CONNECTOR (250A)

COPPER BAR CONNECTOR (250A)



Technical parameters

Material	PA66/T2Y pure copper with nickel plating	Rated voltage	1500V DC
Rated current	200A/250A	Insulation resistance	>500MΩ
Contact resistance	≤0.5mΩ (100mA)	Dielectric strength	4000V AC
Mounting screws	M8-12N.m, M4-2N.m	Degree of protection	IP65/UL94 V-0
Applicable busbar	20*4mm	Applicable cable lug	JG50-8/G70-10
Applicable cables	50mm ² / 70mm ²	Operating temperature	-40~125°C

铜排接线器

COPPER BAR CONNECTOR (350A)

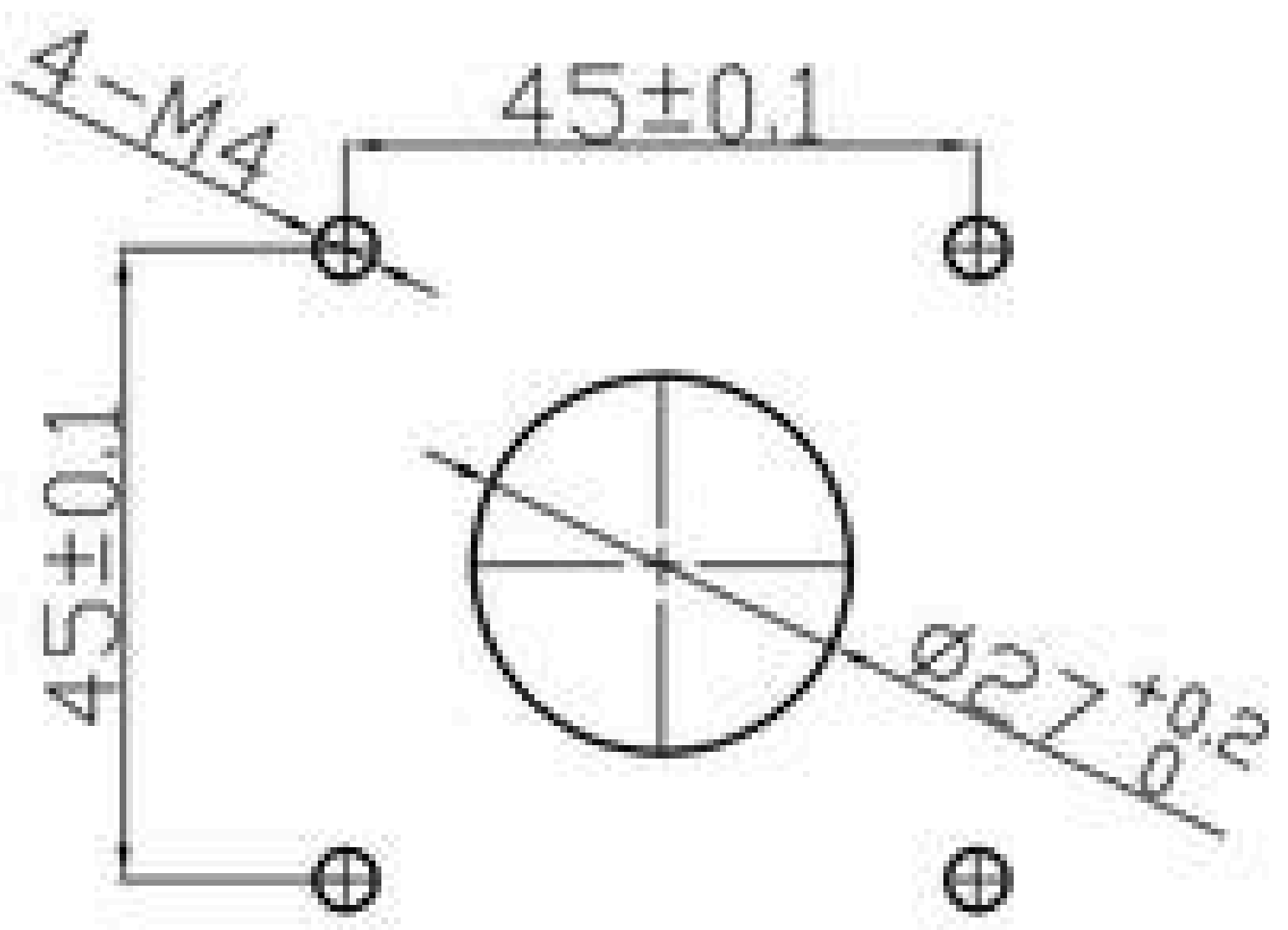
COPPER BAR CONNECTOR (350A)



(orange) copper bar connector



(Black) copper bar connector



Mounting panel size



Technical parameters

Material	PA66/T2Y pure copper with nickel plating	Rated voltage	1500V DC
Rated current	300A/350A	Insulation resistance	>500MΩ
Contact resistance	≤0.5mΩ (100mA)	Dielectric strength	4000V AC
Mounting screws	M10-23N.m,M4-2N.m	Degree of protection	IP65/UL94 V-0
Applicable busbar	25*6mm	Applicable cable lug	JG95-10/JG120-10
Applicable cables	95mm ² / 120mm ²	Operating temperature	-40~125℃

COPPER BAR CONNECTOR
铜排接线器

COPPER BAR CONNECTOR (600A)

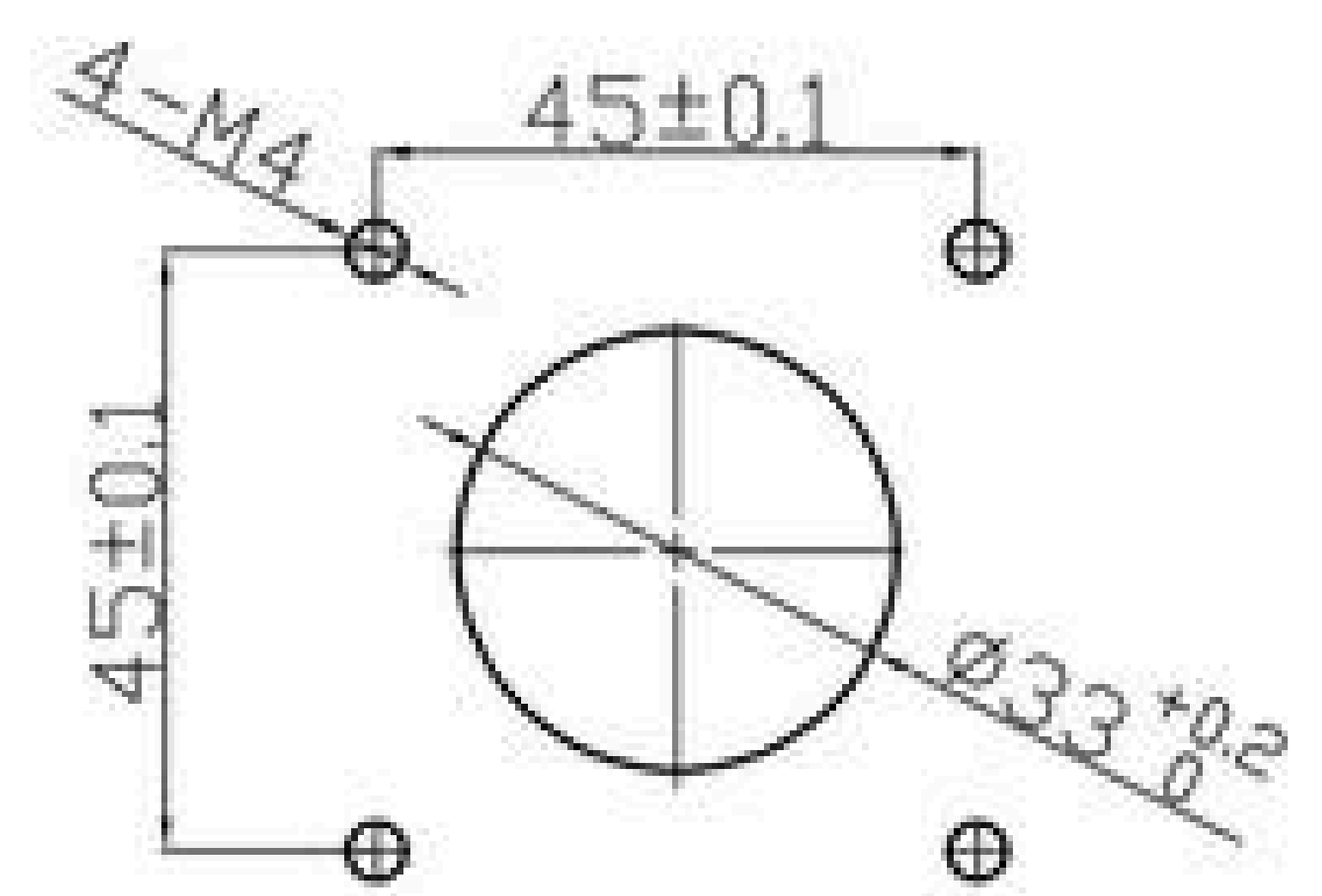
COPPER BAR CONNECTOR (600A)



(orange) copper bar connector



(Black) copper bar connector



Mounting panel size

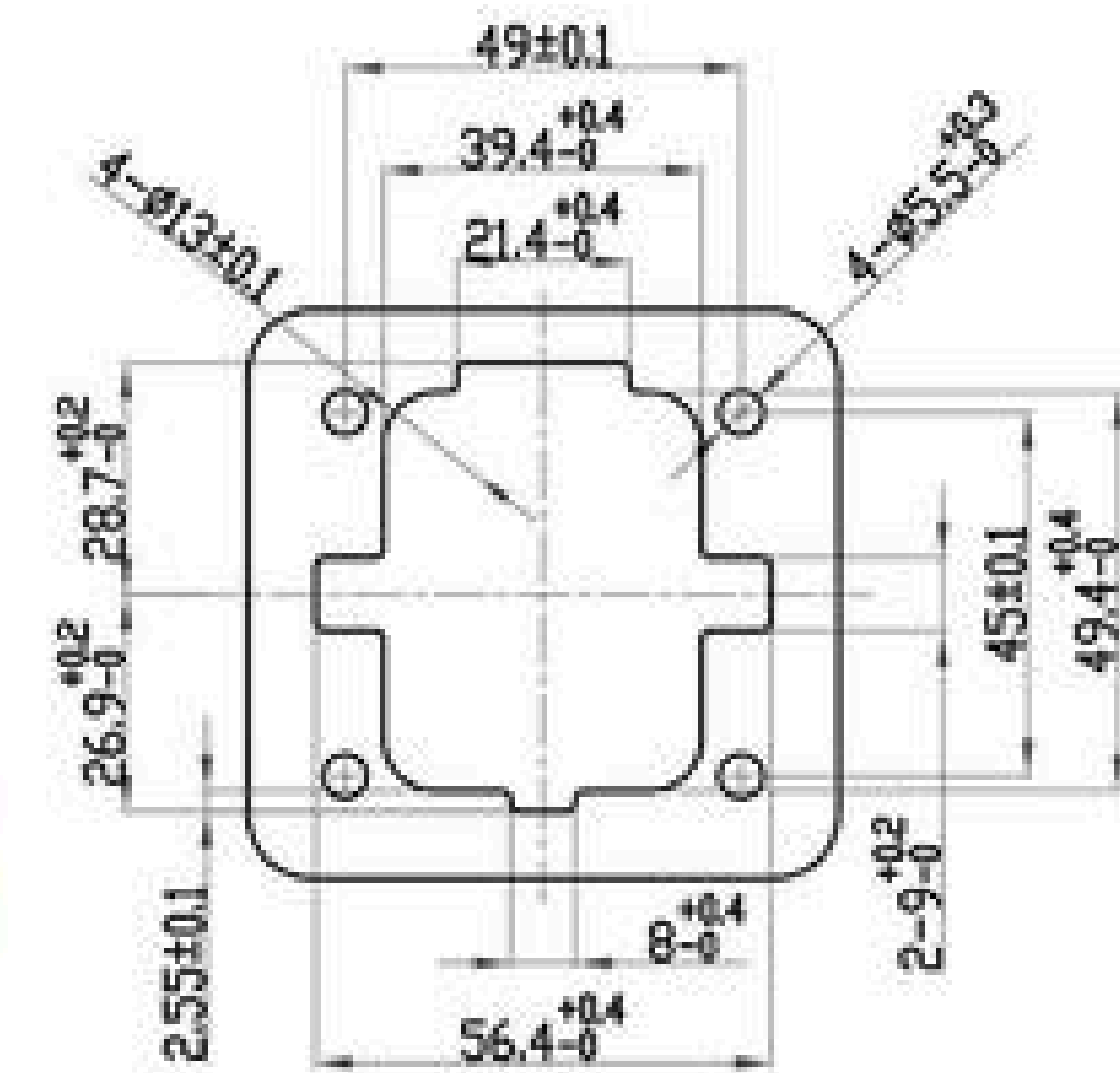


Technical parameters

Material	PA66/T2Y pure copper with nickel plating	Rated voltage	1500V DC
Rated current	400A/450A/600A	Insulation resistance	>500MΩ
Contact resistance	≤0.5mΩ (100mA)	Dielectric strength	4000V AC
Mounting screws	M10-23N.m,M4-2N.m	Degree of protection	IP65/UL94 V-0
Applicable busbar	30*8mm - 600A	Applicable cable lug	JG150-10/SC185-10
Applicable cables	185mm ² - 450A	Operating temperature	-40~125℃

MSD手动维修开关

MSD (Manual Service Switches) is a key component to ensure the high-voltage electrical safety of energy storage equipment and electric vehicles, and is an executive component to realize the electrical isolation of high-voltage system at critical moments. The main function of MSD manual maintenance switch: in order to protect the safety of technicians who repair equipment in a high-voltage environment or strain emergency events, the connection of high-voltage circuits can be quickly separated, so that maintenance and other work are in a safer state, such as external short-circuit protection, and high-voltage needs to be disconnected during maintenance.



Mounting panel size

Product Description:

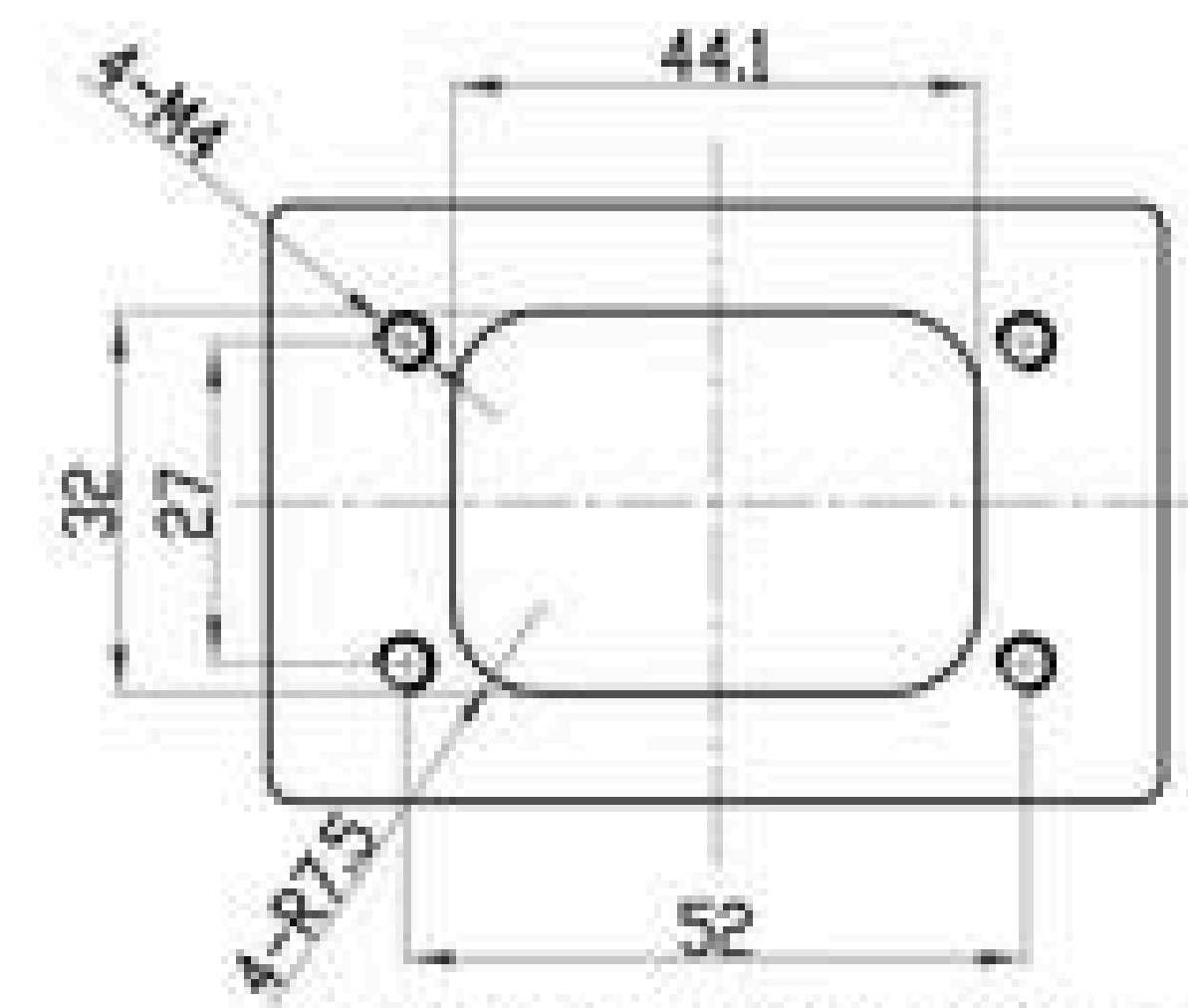
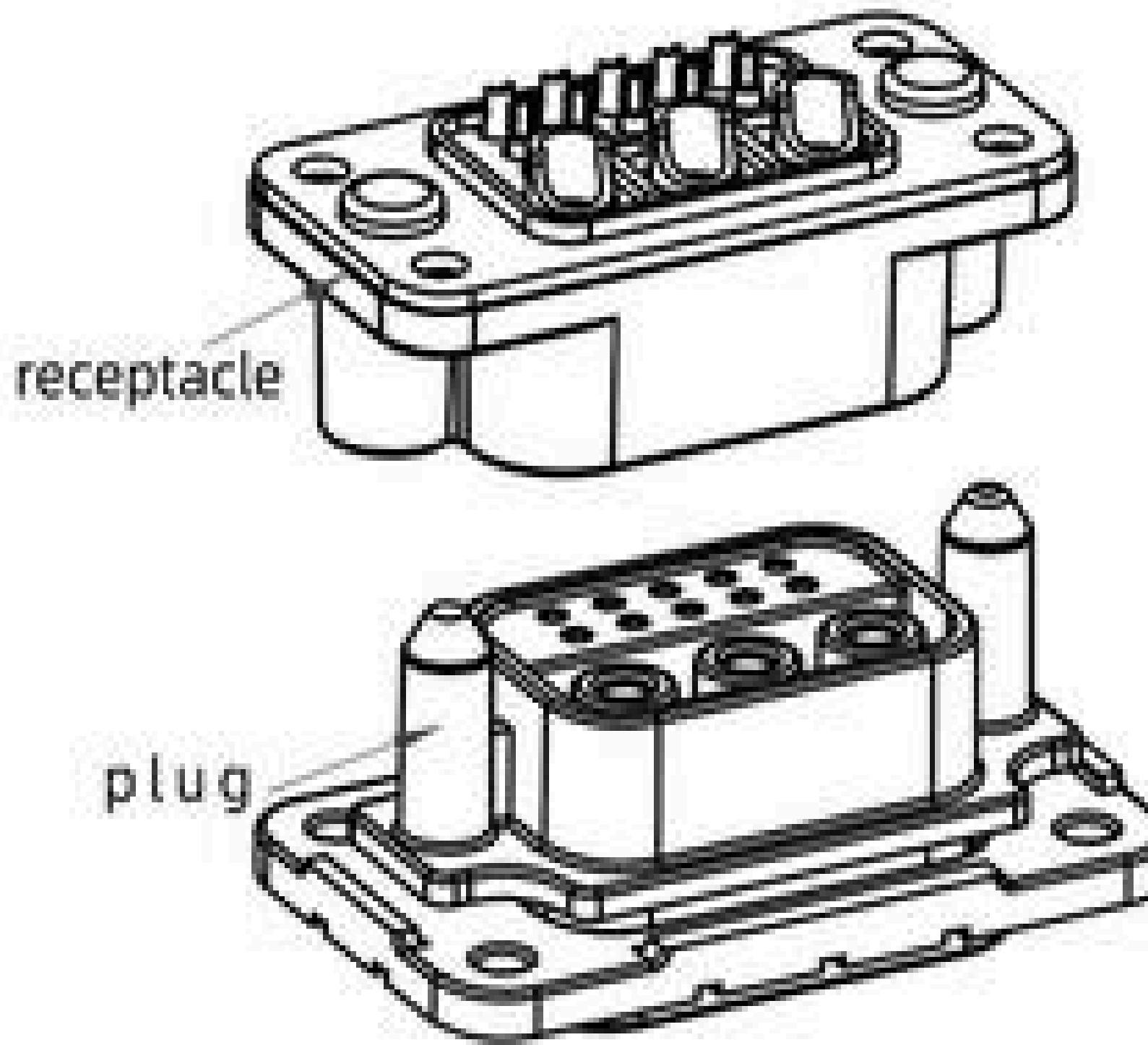
- 1. The product is forbidden to be extruded and stored for a long time, and the ambient temperature is controlled at -20~65°C and the relative humidity is controlled below 60%.
- 2. The storage period of the product is one year, and the products stored for more than one year need to be re-inspected before they can be used.
- 3. It is forbidden to store the product near chemical or flammable and explosive products to prevent the risk of corrosion or early oxidation caused by chemicals to the product.

Technical parameters			
Material	PA66/high conductivity copper silver plating	Rated voltage	1500V DC
Rated current	350A	Dielectric strength	4000V AC
Contact impedance	≤0.20mΩ	Insulation resistance	>100MΩ @ 1000V DC
Plugging force	≤75N	Degree of protection	IP67\UL94 V-0
Number of mating cycles	≥300 times	Operating temperature	-40~125°C
Locking method	Two-stage interlocking	Mounting screws	M8

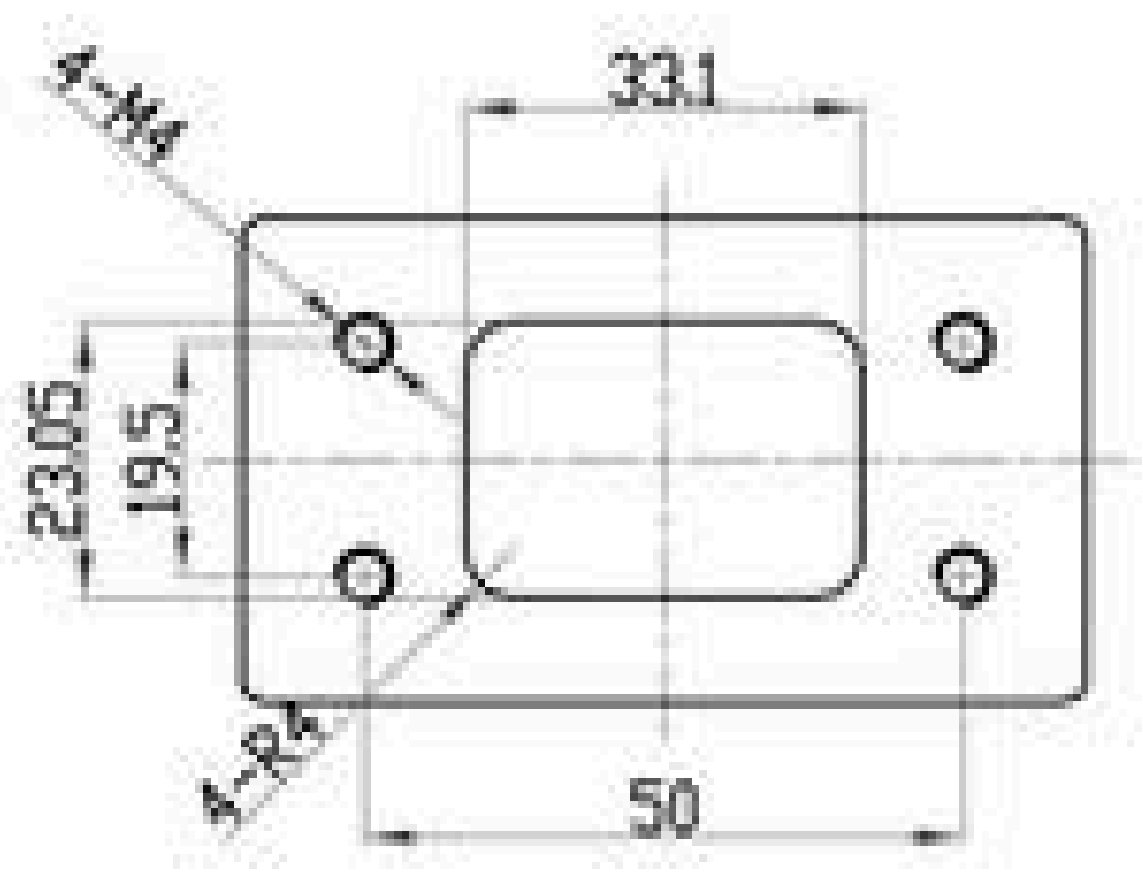
STACKABLE ENERGY STORAGE
堆叠式储能连接器

70A Stackable energy storage connector (Floating)

70A STACKABLE ENERGY STORAGE CONNECTOR (FLOATING)



Plug mounting panel T=3.0mm
Panel tolerance: ±0.05



Socket mounting panel T=3.0mm
Panel tolerance: ±0.05

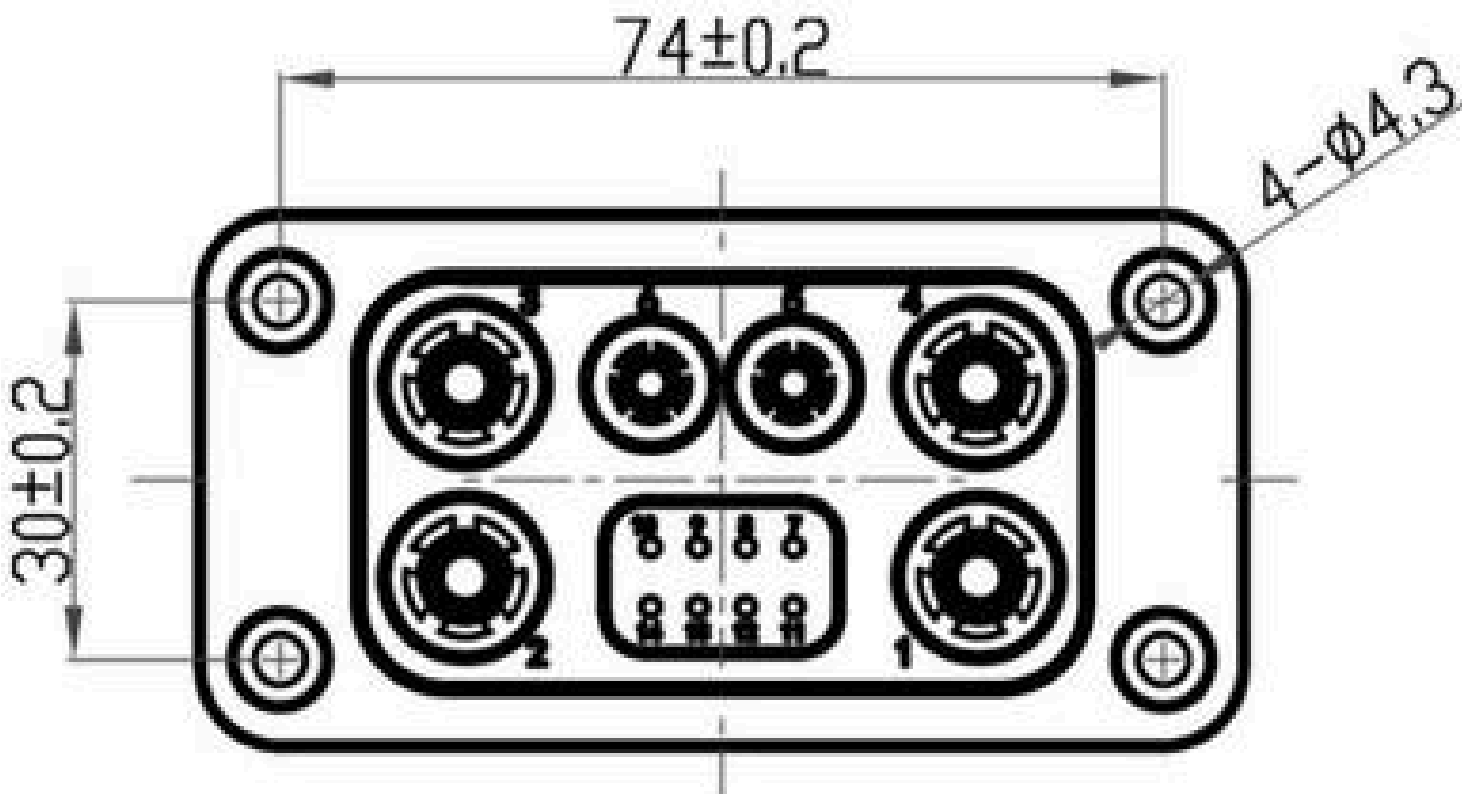
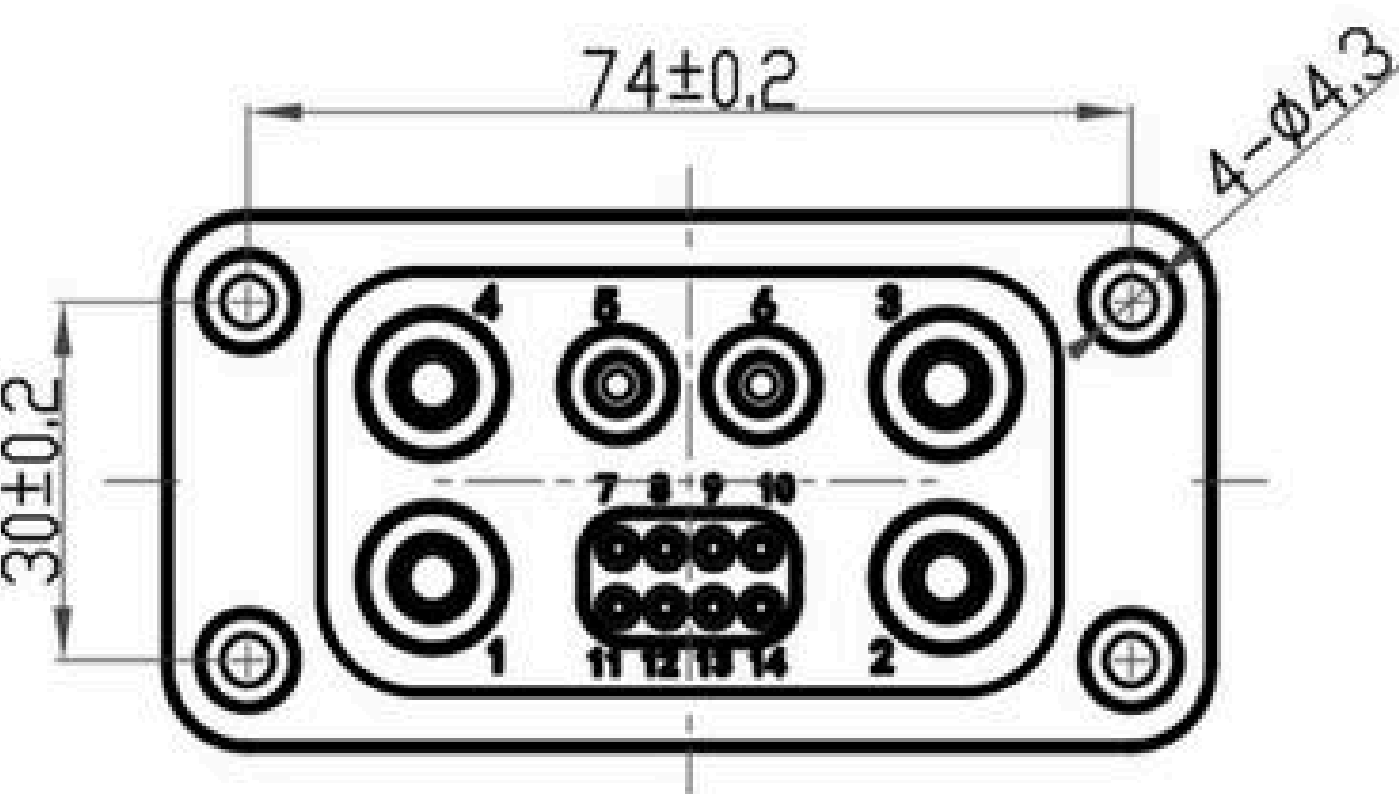
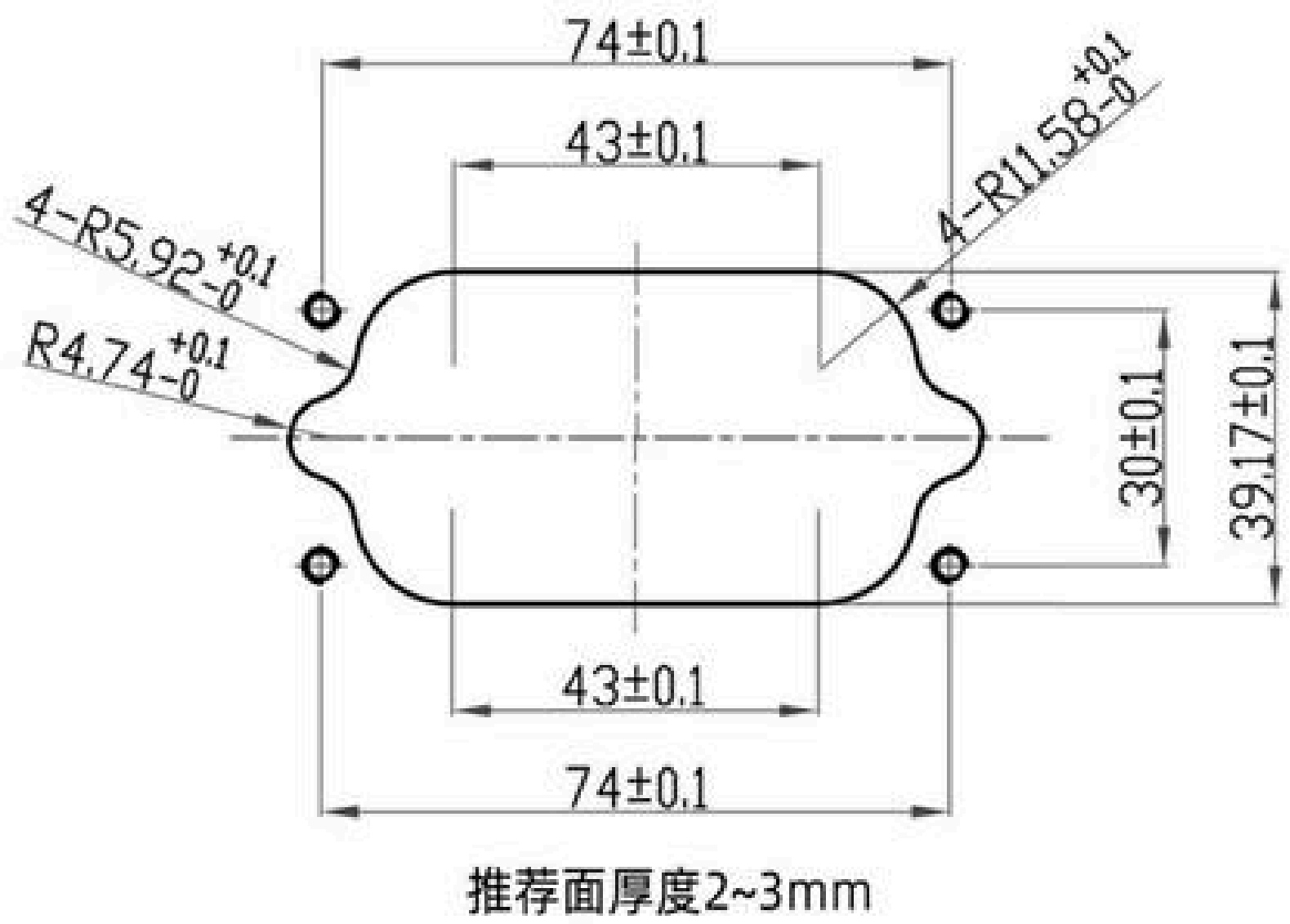


Technical parameters			
Material	PA66/Gold-plated brass	Rated voltage	220V DC
Rated current	50A-70A	Dielectric strength	500V AC
Contact resistance	≤0.5mΩ	Insulation resistance	>10MΩ @ 500V DC
Mounting screw size	M4	Degree of protection	UL94 V-0
Installation type	Floating	Operating temperature	-40~125°C

堆叠式储能连接器

240A Stackable energy storage connector (Stationary)

240A STACKABLE ENERGY STORAGE CONNECTOR (STATIONARY)



Technical parameters			
Material	PA66/T2Y pure copper with silver plating	Rated voltage	1500V DC
Rated current	120A-240A	Dielectric strength	4000V AC
Contact resistance	≤0.5mΩ	Insulation resistance	>10MΩ @ 500V DC
Mounting screw size	M4	Degree of protection	IP67\UL94 V-0
Installation type	Stationary	Operating temperature	-40~125℃



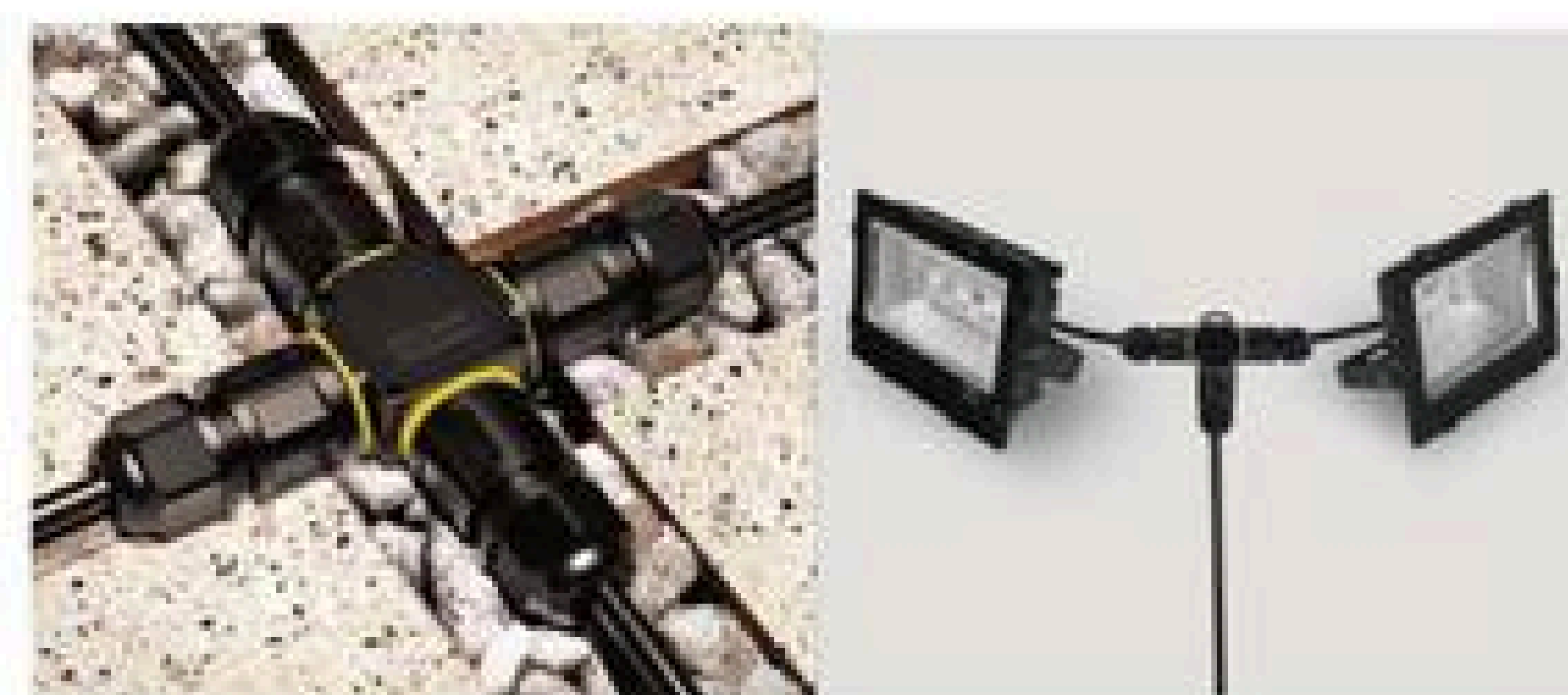
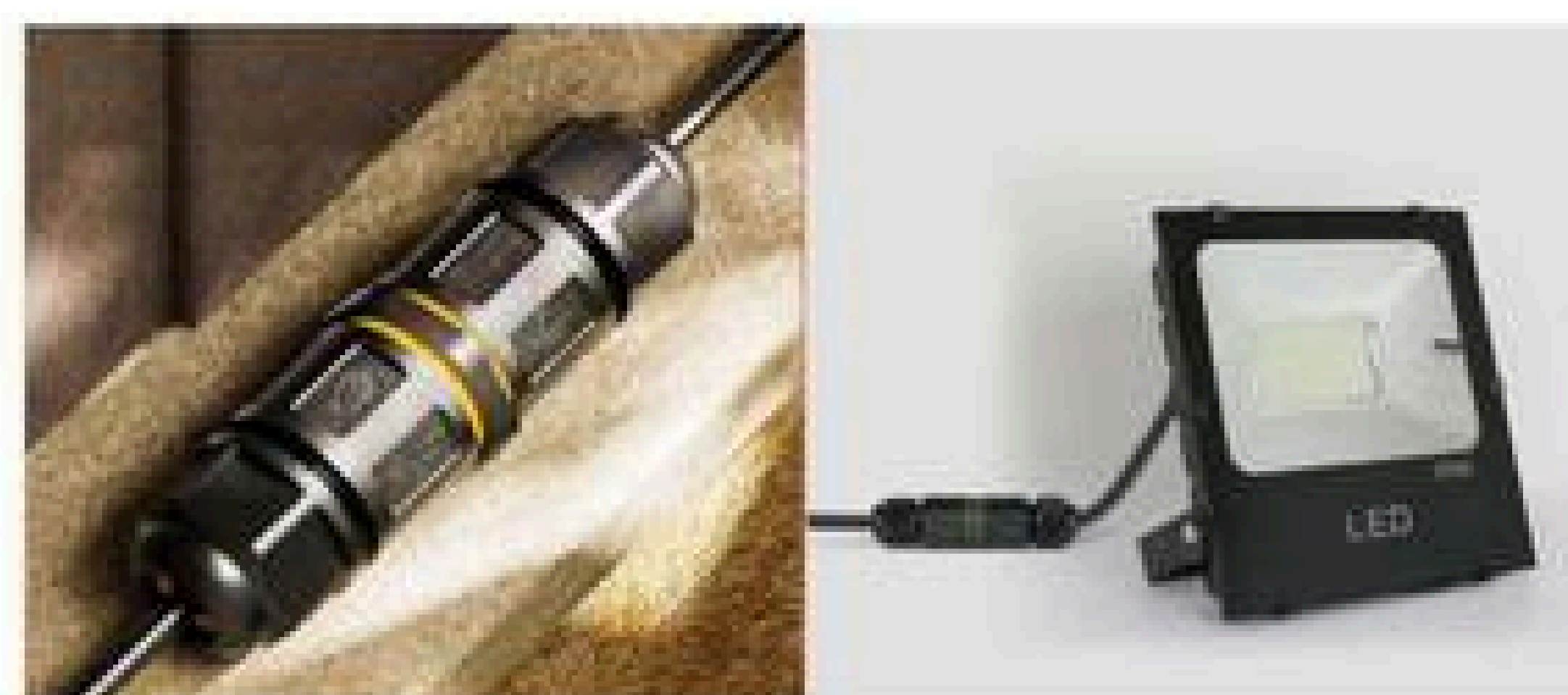
IP68防水接线器系列

IP68 WATERPROOF CONNECTOR SERIES



IP68防水接线器能够广泛的应用于各种需要防水通电的场合，方便快捷、节约工时。安全可靠，外壳绝缘层全部采用防火阻燃材料，精工制作、不易磨损、耐高低温、使用寿命长。取得了全球各权威机构的认证，如：ENEC、CE、UKCA、ETL、NSW、CB等，各种规格型号种类齐全。

The IP68 connector can be widely used in various scenarios requiring waterproof power connections. It making installation fast and efficient while saving labor time. Ensuring safety and reliability, the outer insulation layer is made of fire-resistant and flame-retardant materials, offering fine craftsmanship, wear resistance, durability in extreme temperatures, and a long service life. It has obtained certifications from authoritative institutions worldwide, such as ENEC, CE, UKCA, ETL, NSW, and CB. A full range of specifications and models are available.



M682-A



M682-C

公母对插
Male and female



M683-B

公母对插
Male and female



M682-B



M683-A

公母对插
Male and female



M684迷你/mini



M684-A



M684-B



M684-T



M684-Y



M684-C

公母对插
Male and female



M684-D



M684-H



M684-X



M684-E

公母对插
Male and female



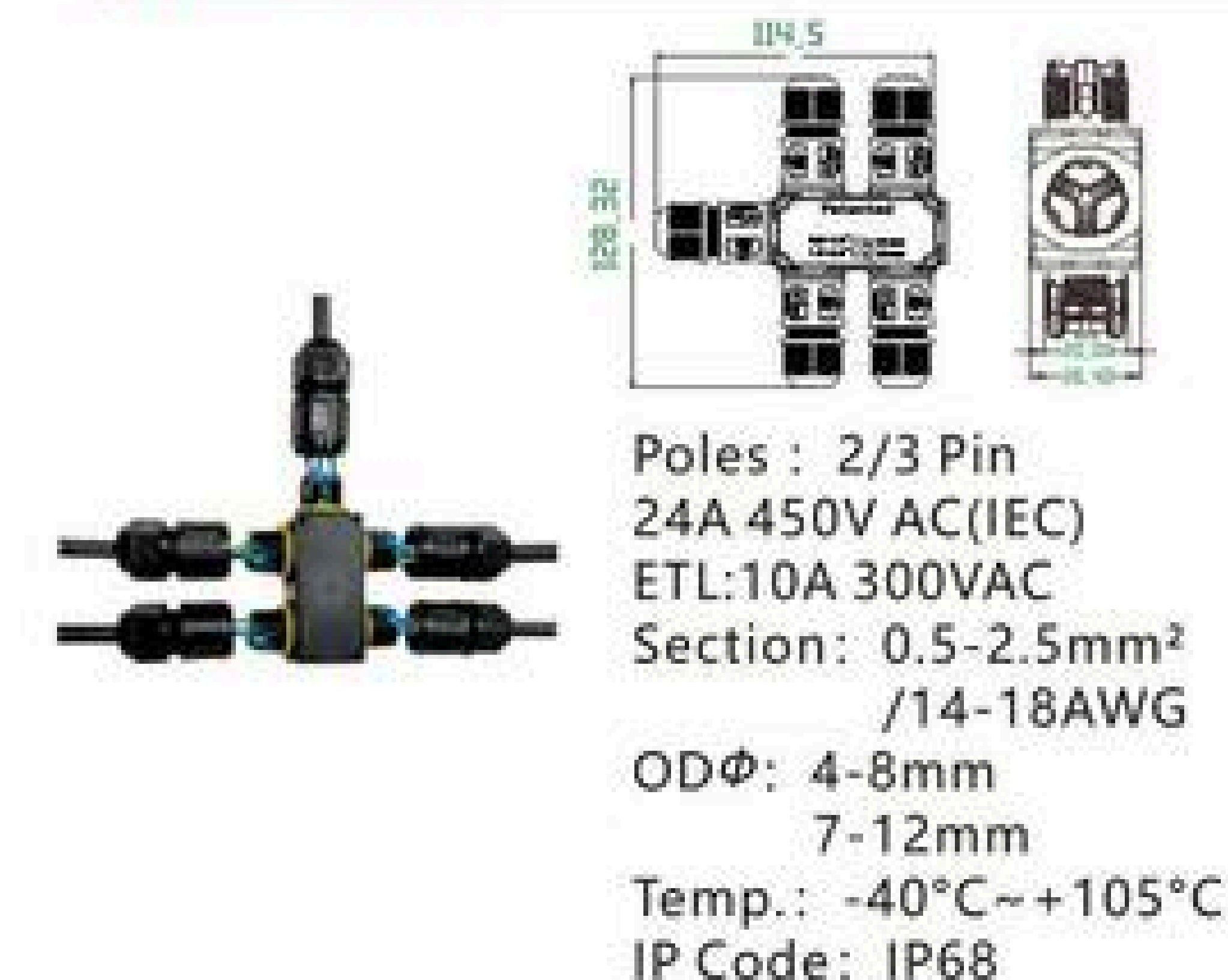
M684-L



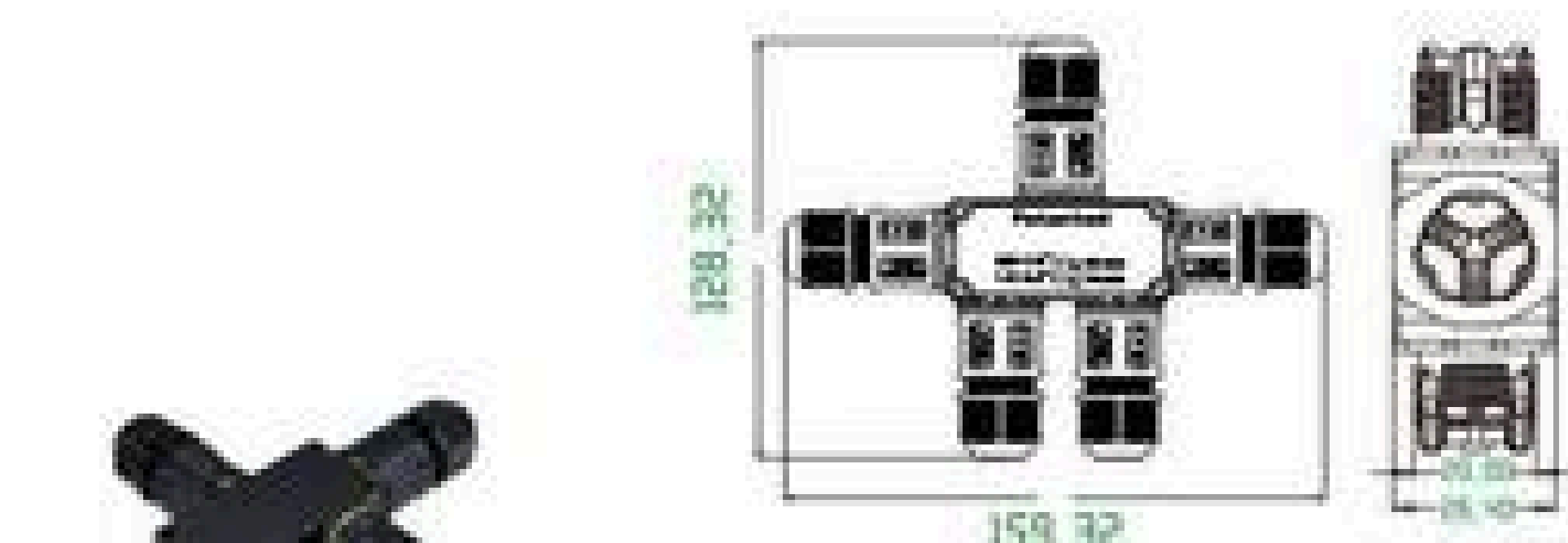
M684-F



M684-F1

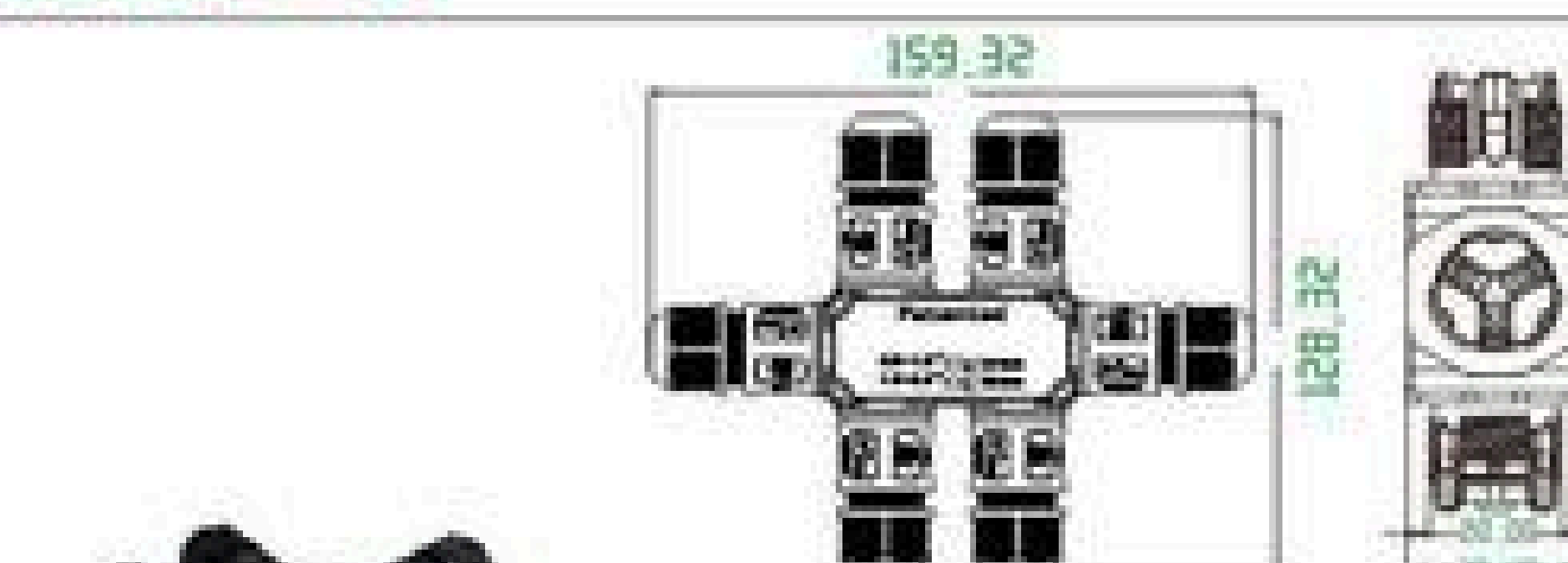


M684-F2



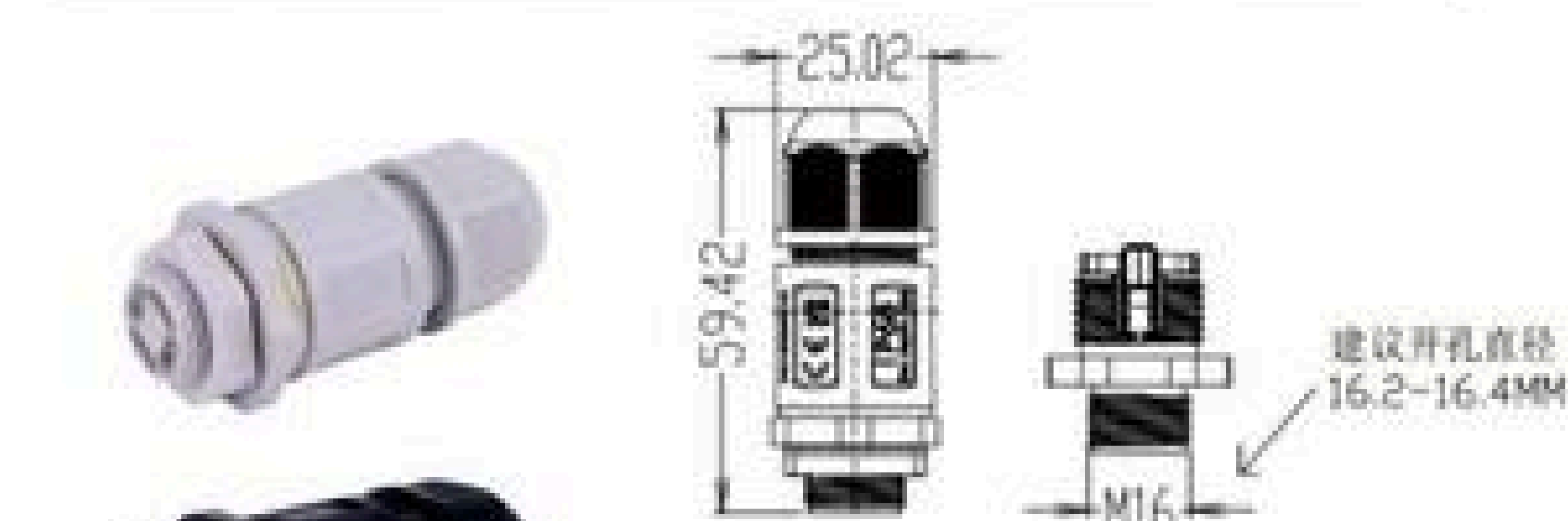
Poles : 2/3 Pin
24A 450V AC(IEC)
ETL:10A 300VAC
Section: 0.5-2.5mm²
/14-18AWG
ODΦ: 4-8mm
7-12mm
Temp.: -40°C~+105°C
IP Code: IP68

M684-S



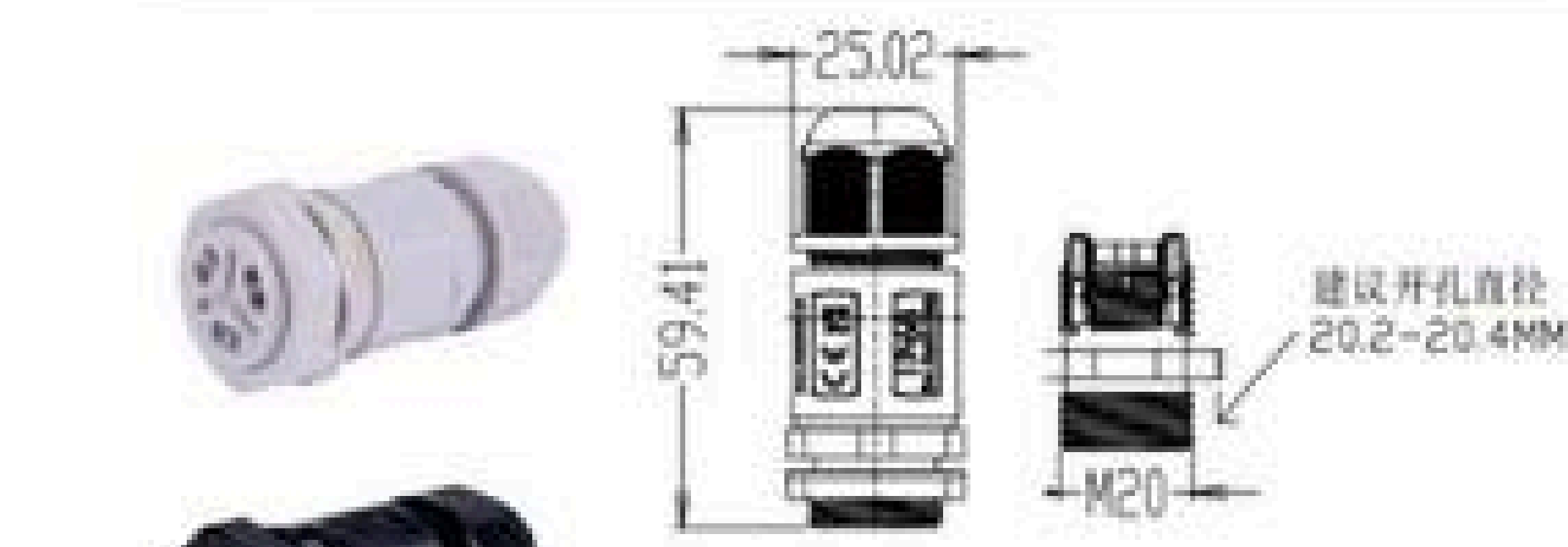
Poles : 2/3 Pin
24A 450V AC(IEC)
ETL:10A 300VAC
Section: 0.5-2.5mm²
/14-18AWG
ODΦ: 4-8mm
7-12mm
Temp.: -40°C~+105°C
IP Code: IP68

M684CB-2线对板/Cable to board



24A 450V AC(IEC)
ETL:10A 300VAC
Section: 0.5-2.5mm²
/14-18AWG
ODΦ: 4-8mm
7-12mm
Temp.: -40°C~+105°C
IP Code: IP68

M684CB-3线对板/Cable to board



24A 450V AC(IEC)
ETL:10A 300VAC
Section: 0.5-2.5mm²
/14-18AWG
ODΦ: 4-8mm
7-12mm
Temp.: -40°C~+105°C
IP Code: IP68

LP-20防水接线器



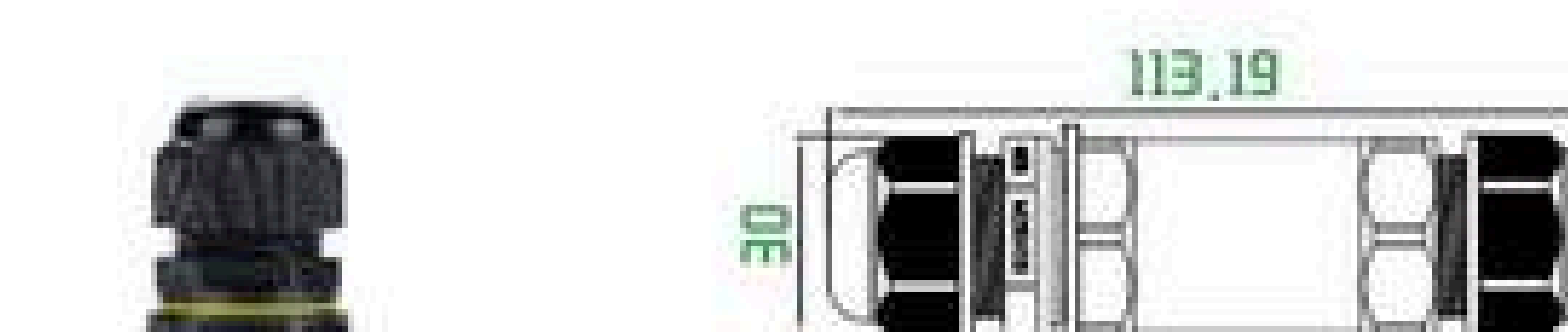
24A 450V AC(IEC)
ETL:10A 300VAC
Section: 0.5-2.5mm²
/14-18AWG
ODΦ: 4-8mm
7-12mm
Temp.: -40°C~+105°C
IP Code: IP68

LP-20D



24A 450V AC(IEC)
ETL:10A 300VAC
Section: 0.5-2.5mm²
/14-18AWG
ODΦ: 4-8mm
7-12mm
Temp.: -40°C~+105°C
IP Code: IP68

M685-AL



Poles : 2/3/4/5 Pin
32A 450V AC(IEC)
ETL:18A 300VAC
Section: 0.5-2.5mm²
/12-14AWG
ODΦ: 4-8mm
8-12mm
10-14mm
Temp.: -40°C~+105°C
IP Code: IP68

M685-U



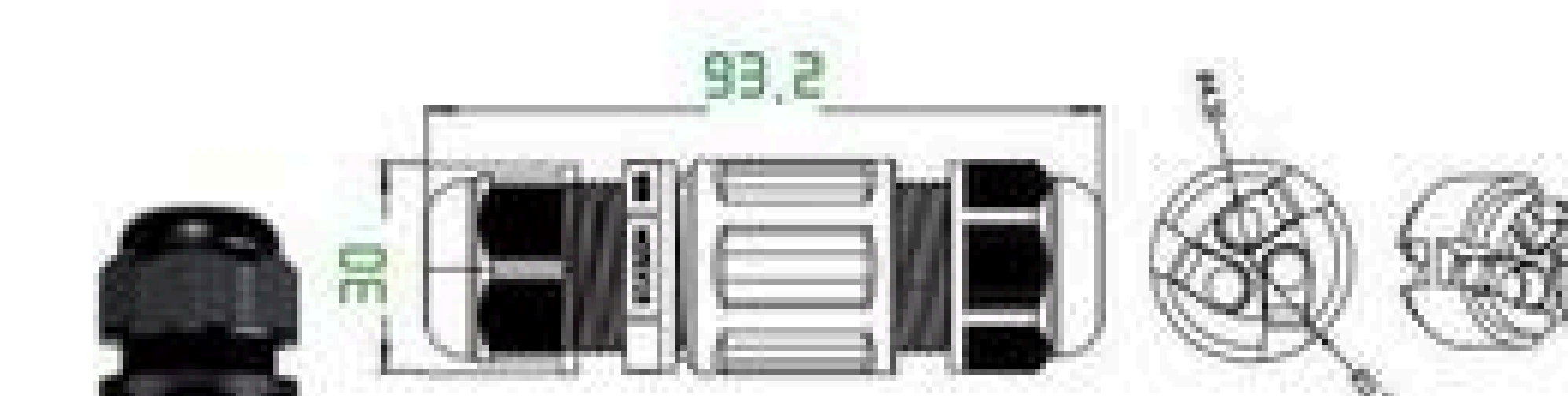
Poles : 2/3/4/5 Pin
32A 450V AC(IEC)
ETL:18A 300VAC
Section: 0.5-2.5mm²
/12-14AWG
ODΦ: 4-8mm
8-12mm
10-14mm
Temp.: -40°C~+105°C
IP Code: IP68

M685二出二 /2 in 2 out



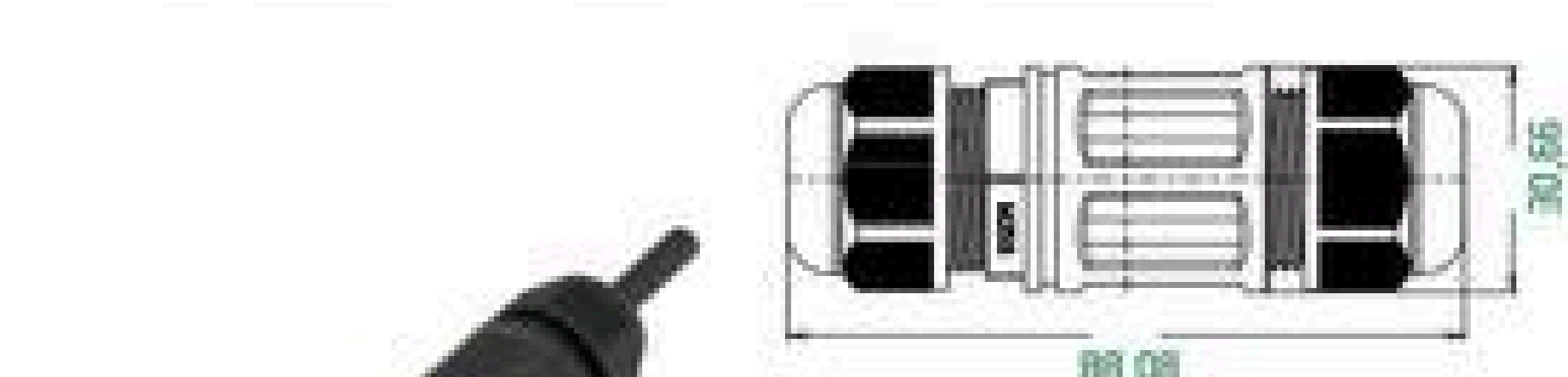
Poles : 2/3/4/5 Pin
32A 450V AC(IEC)
ETL:18A 300VAC
Section: 0.5-2.5mm²
/12-14AWG
ODΦ: 4-8mm
8-12mm
10-14mm
Temp.: -40°C~+105°C
IP Code: IP68

M685-AS



Poles : 2/3/4/5 Pin
32A 450V AC(IEC)
ETL:18A 300VAC
Section: 0.5-2.5mm²
/12-14AWG
ODΦ: 4-8mm
8-12mm
10-14mm
Temp.: -40°C~+105°C
IP Code: IP68

M685一出二 /1 in 2 out



Poles : 2/3/4/5 Pin
32A 450V AC(IEC)
ETL:18A 300VAC
Section: 0.5-2.5mm²
/12-14AWG
ODΦ: 4-8mm
8-12mm
10-14mm
Temp.: -40°C~+105°C
IP Code: IP68

M685/1 in 3/4 out



Poles : 2/3/4/5 Pin
32A 450V AC(IEC)
ETL:18A 300VAC
Section: 0.5-2.5mm²
/12-14AWG
ODΦ: 4-8mm
8-12mm
10-14mm
Temp.: -40°C~+105°C
IP Code: IP68

M685-TL



M685-Y



M685-B线对板/Cable to board



M685-TS



M685-B



M685-E



M685-T



M685-X





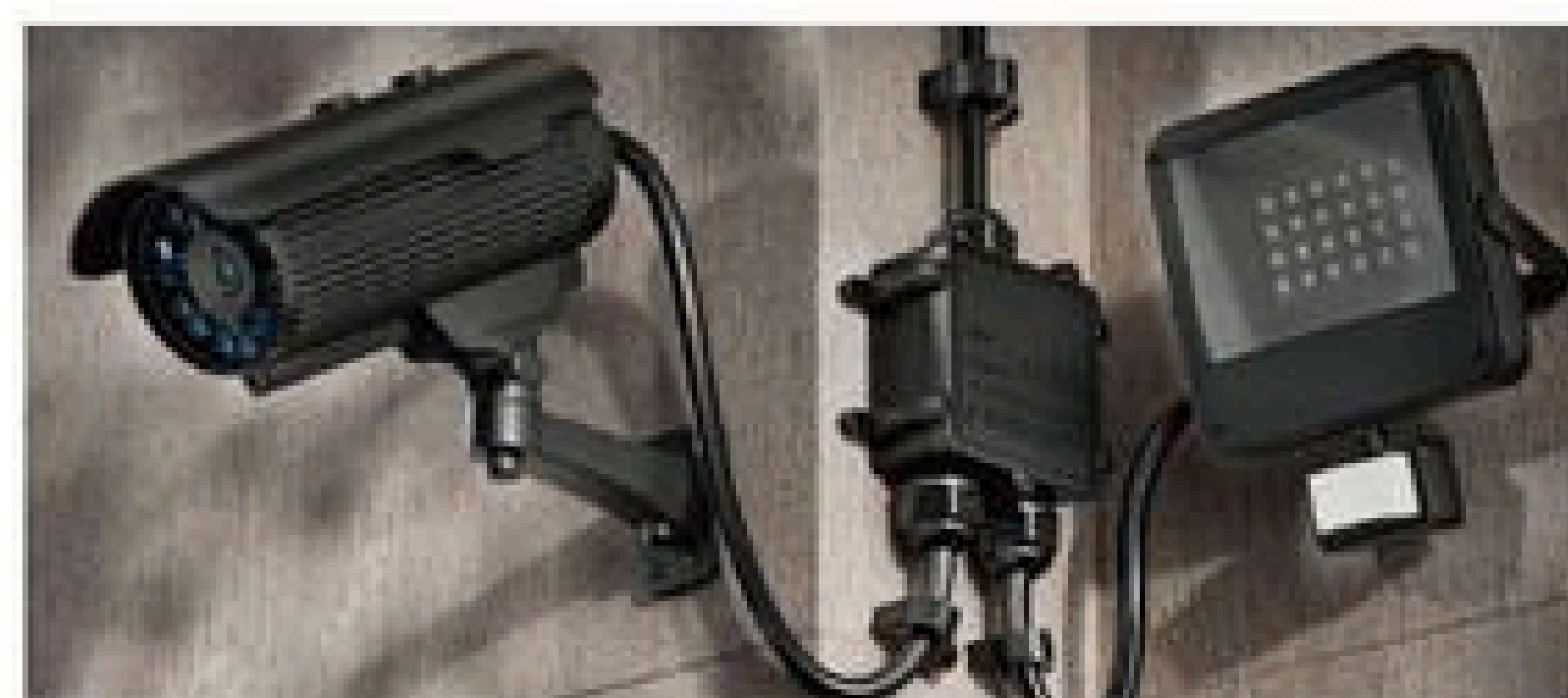
Ip68防水接线盒系列

WATERPROOF JUNCTION BOX SERIES

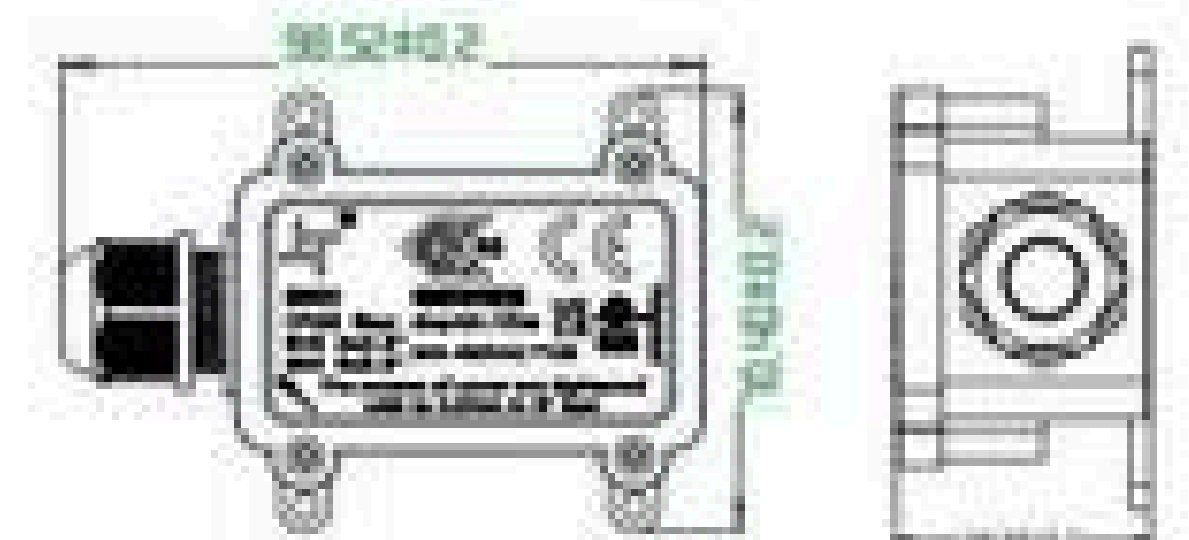
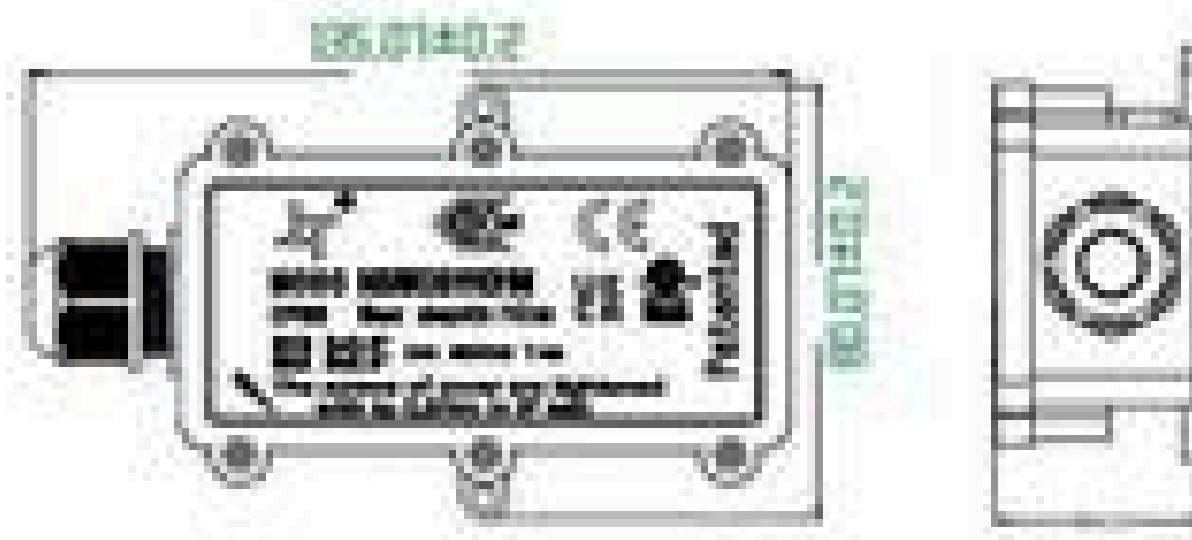
2

IP68防水接线盒能够广泛的应用于各种需要防水通电的场合，各种大小尺寸供您选择。外壳绝缘层全部采用防火阻燃材料，精工制作、不易磨损、耐高低温、使用寿命长。取得了全球各地权威机构的认证，如 ENEC、CE、ETL、NSW、UKCA、CB等。

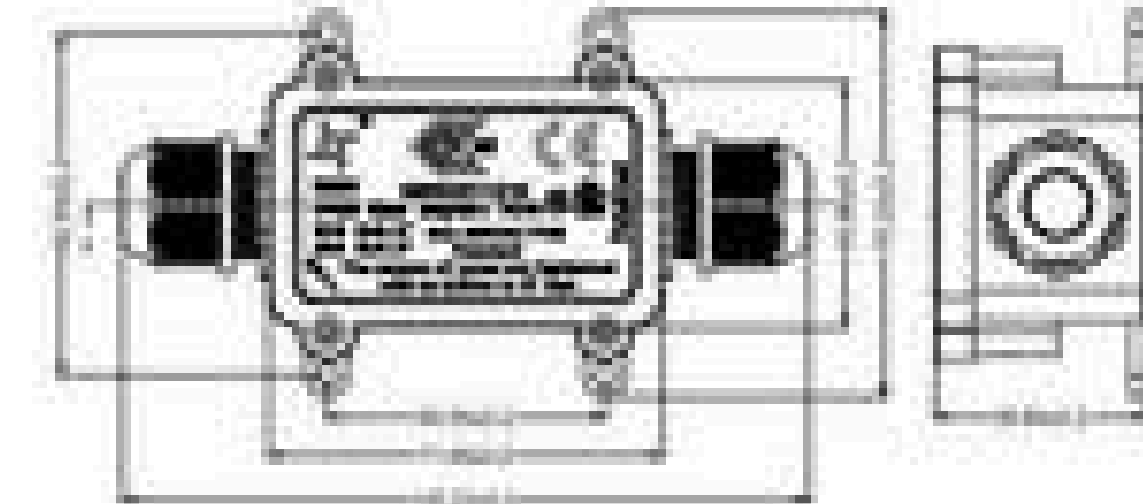
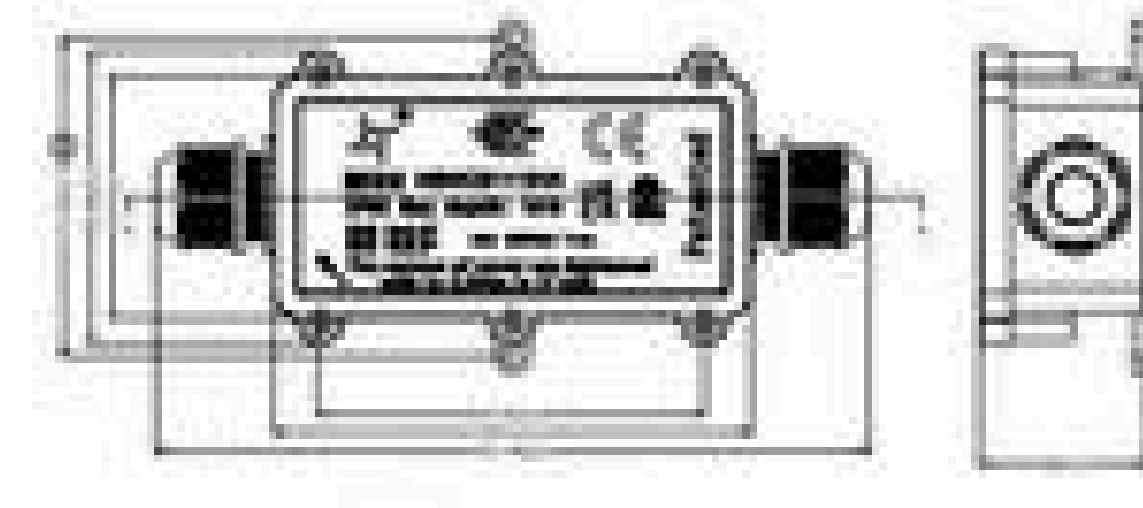
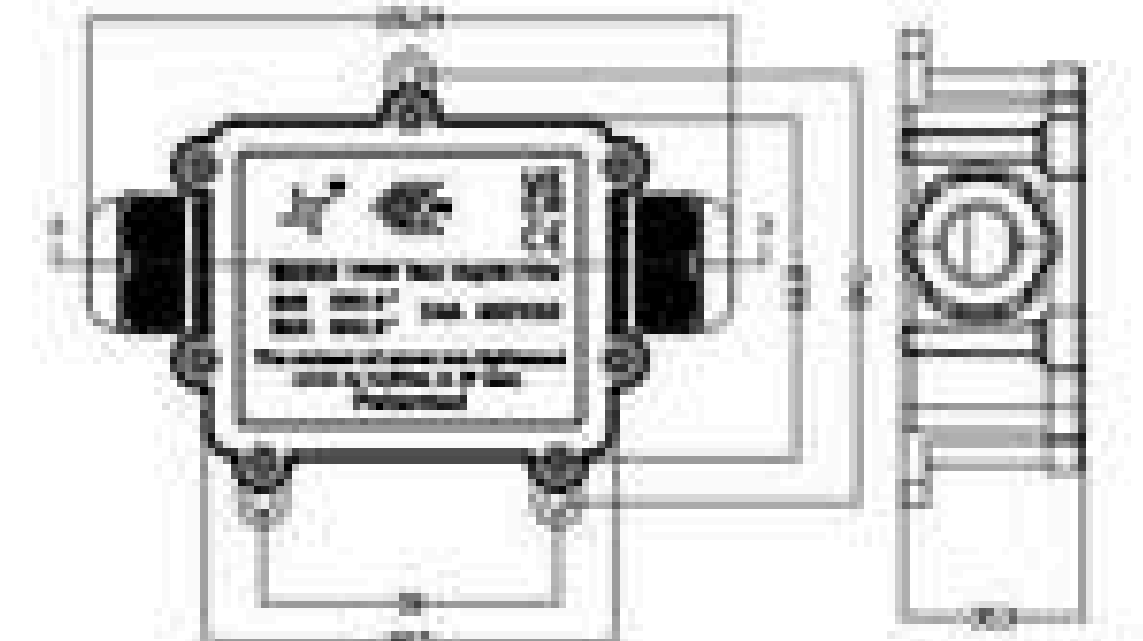
The IP68 waterproof junction box can be widely used in various scenarios requiring waterproof power connections, with a variety of sizes available for selection. The outer insulation layer is made of fire-resistant and flame-retardant materials, ensuring fine craftsmanship, wear resistance, durability in extreme temperatures, and a long service life. It has obtained certifications from authoritative institutions worldwide, such as ENEC, CE, ETL, NSW, UKCA, and CB.

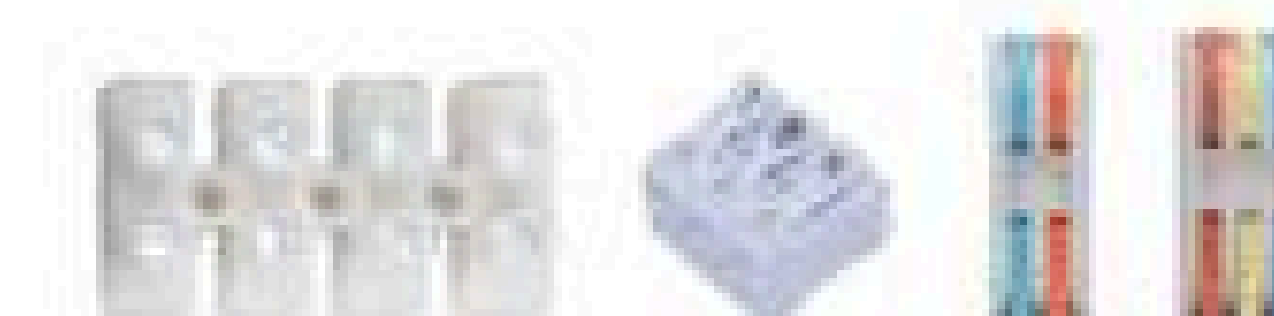


M686-1 一进防水接线盒 / 1 in Waterproof Junction Box

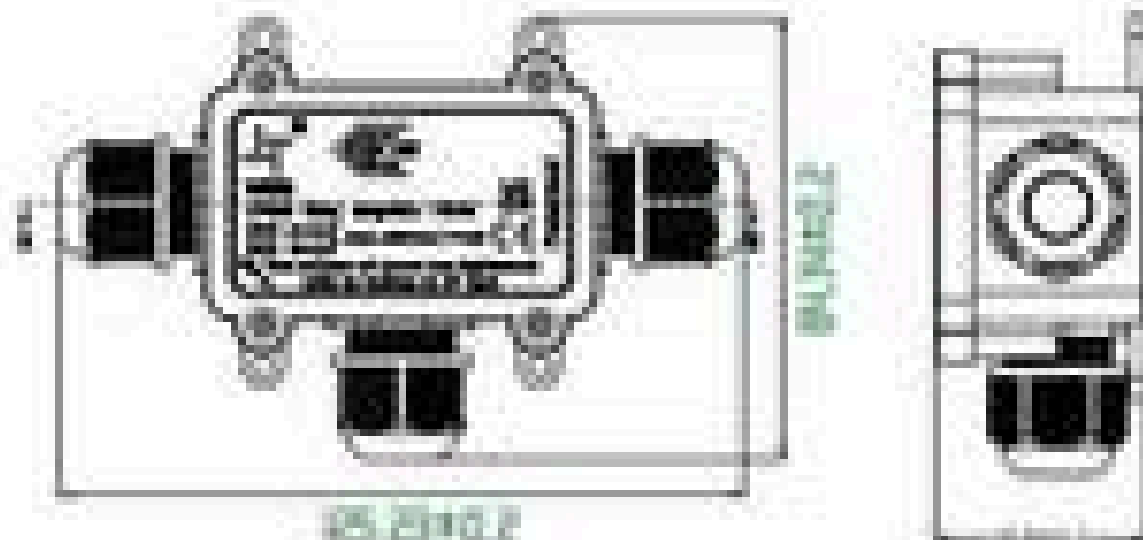
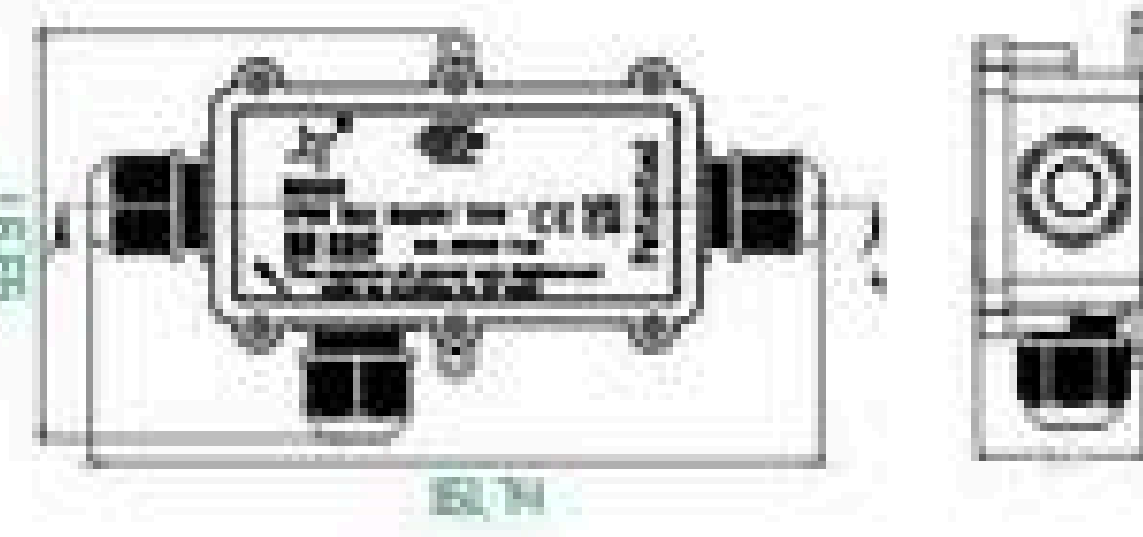
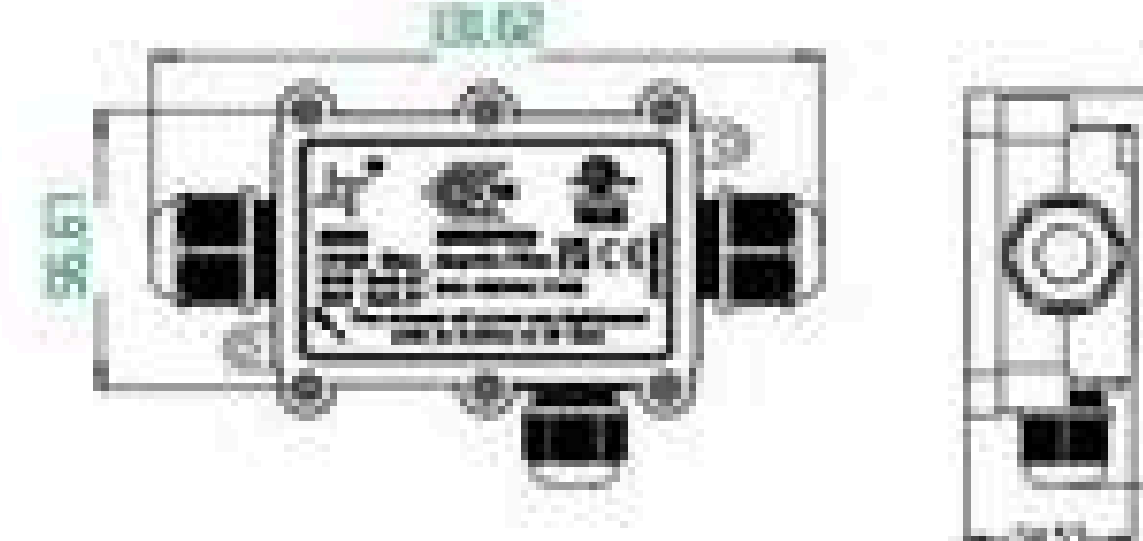
			
24A 450V AC(IEC) ETL:10-15A 300VAC Cross Section: 0.5-2.5mm² / 12-14AWG ODΦ: 4-8mm 6-11mm Temp.: -40°C~+105°C IP Code: IP68		24A 450V AC(IEC) ETL:10-15A 300VAC Cross Section: 0.5-2.5mm² / 12-14AWG ODΦ: 4-8mm 6-11mm Temp.: -40°C~+105°C IP Code: IP68	

M686-2 一进一出防水接线盒 / 1 in 1 out Waterproof Junction Box

		24A 450V AC(IEC) ETL:10-15A 300VAC Cross Section: 0.5-2.5mm² / 12-14AWG ODΦ: 4-8mm 6-11mm Temp.: -40°C~+105°C IP Code: IP68
		
		

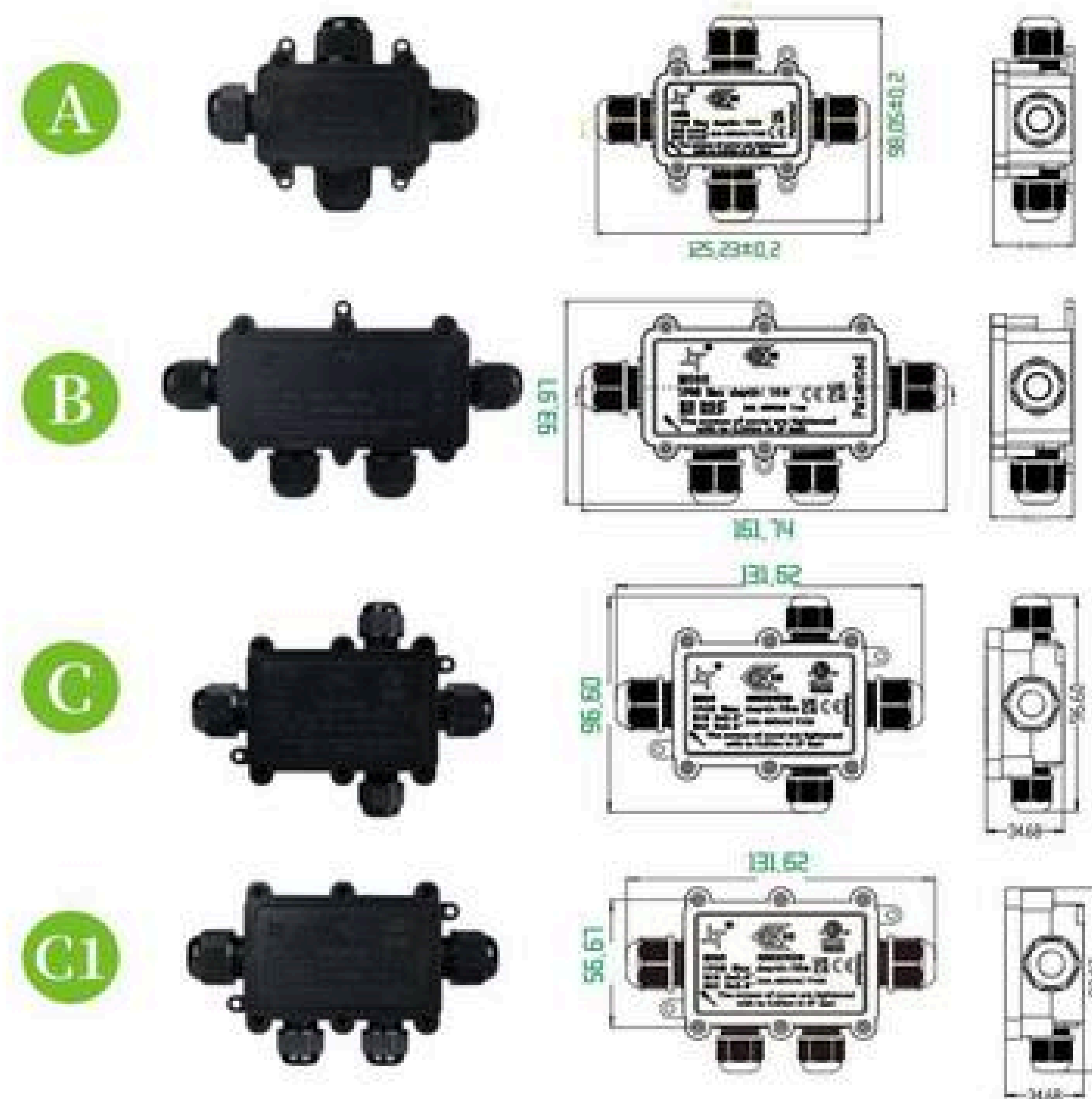


M686-3 一进二出防水接线盒 / 1 in 2 out Waterproof Junction Box

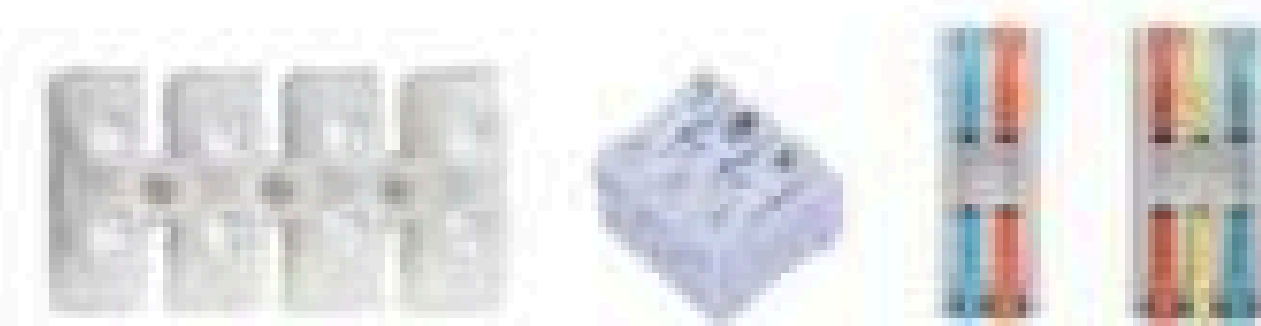
		24A 450V AC(IEC) ETL:10-15A 300VAC Cross Section: 0.5-2.5mm² / 12-14AWG ODΦ: 4-8mm 6-11mm Temp.: -40°C~+105°C IP Code: IP68
		
		



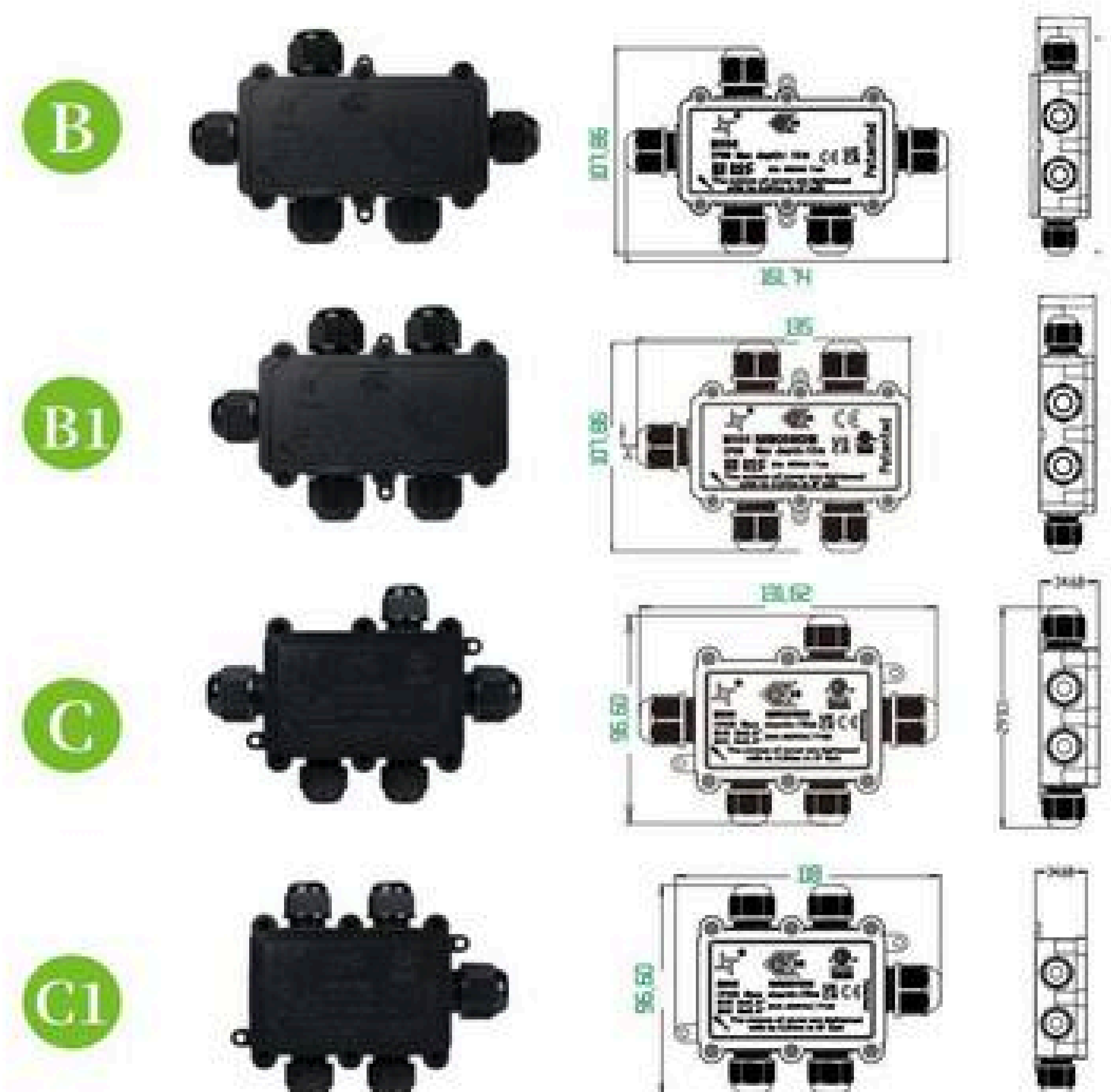
M686-4 一进三出防水接线盒 / 1 in 3 out Waterproof Junction Box



24A 450V AC(IEC)
ETL:10-15A 300VAC
Cross Section: 0.5-2.5mm²
/ 12-14AWG
ODΦ: 4-8mm
6-11mm
Temp.: -40°C~+105°C
IP Code: IP68



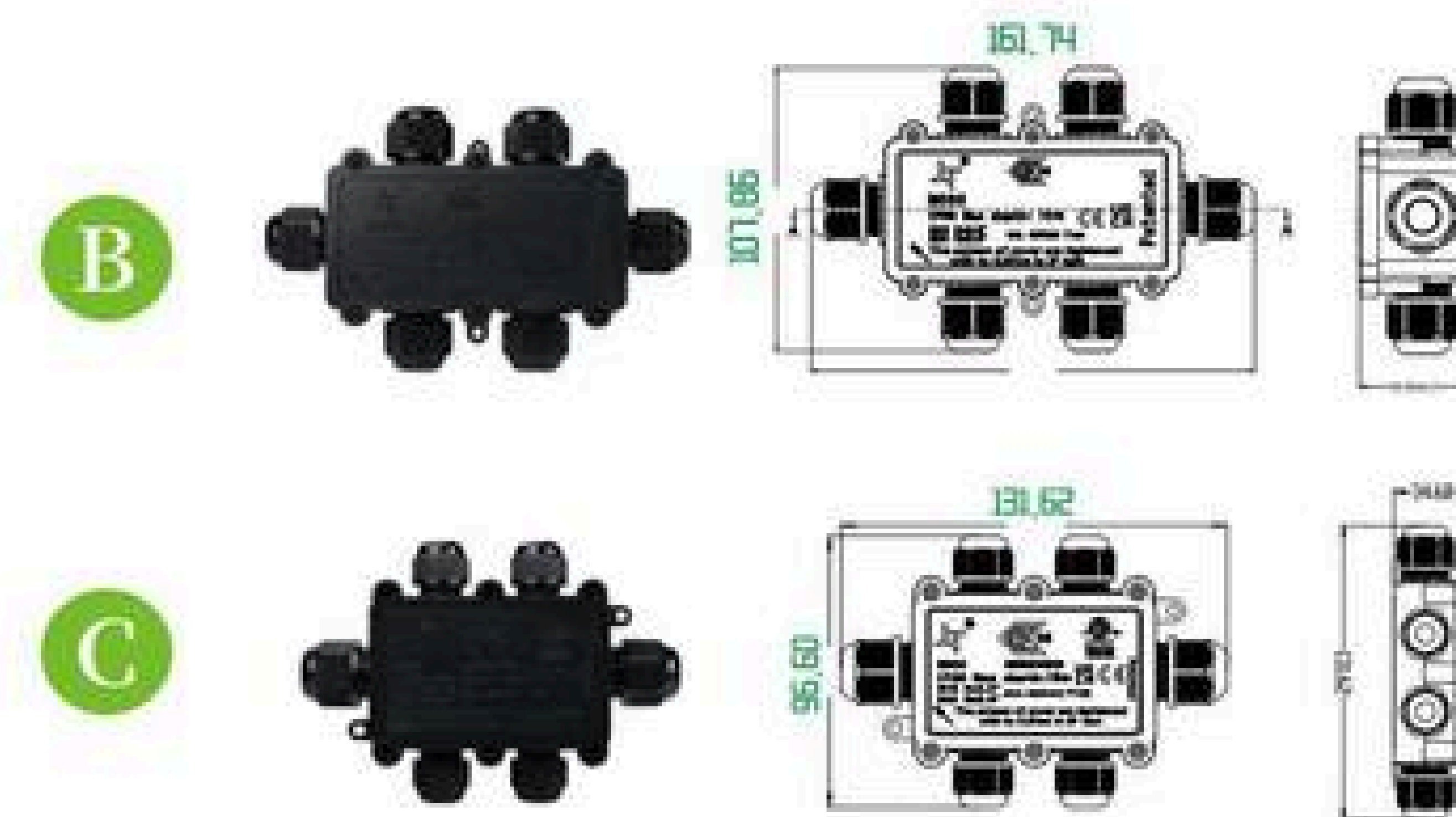
M686-5 一进四出防水接线盒 / 1 in 4 out Waterproof Junction Box



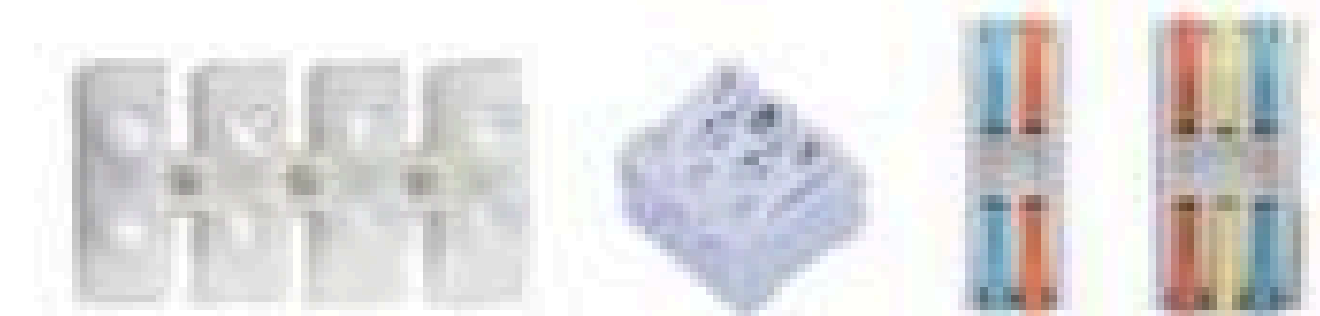
24A 450V AC(IEC)
ETL:10-15A 300VAC
Cross Section: 0.5-2.5mm²
/ 12-14AWG
ODΦ: 4-8mm
6-11mm
Temp.: -40°C~+105°C
IP Code: IP68



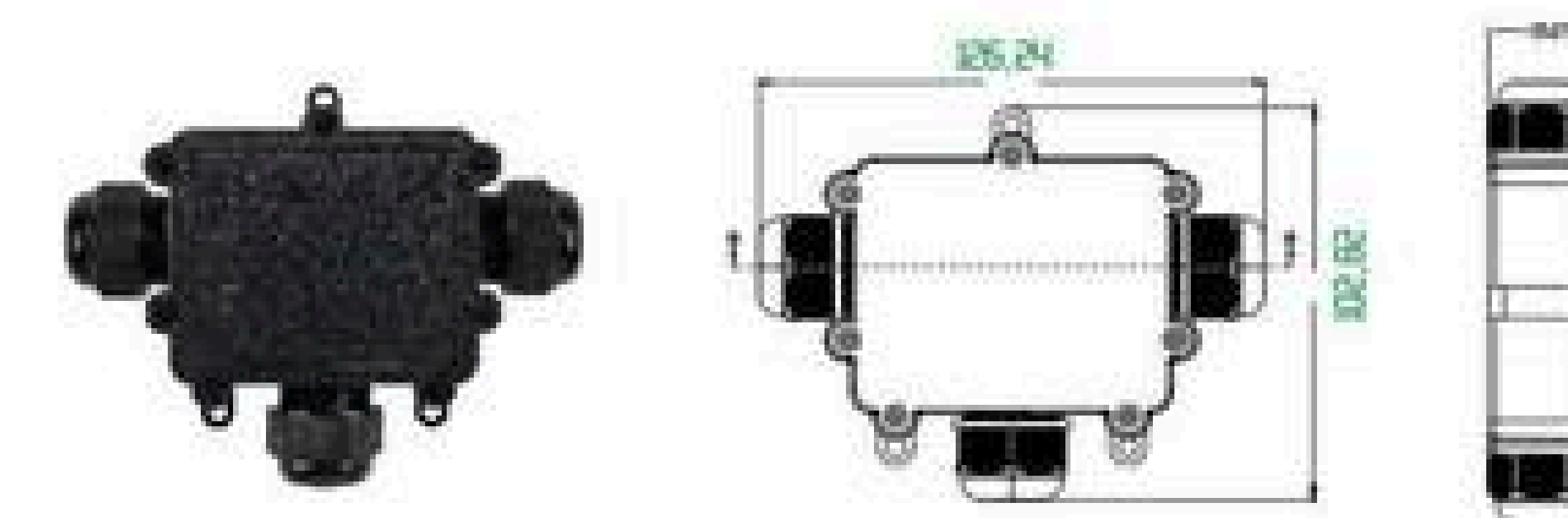
M686-6 一进五出防水接线盒 / 1 in 5 out Waterproof Junction Box



24A 450V AC(IEC)
ETL:10-15A 300VAC
Cross Section: 0.5-2.5mm²
/ 12-14AWG
ODΦ: 4-8mm
6-11mm
Temp.: -40°C~+105°C
IP Code: IP68

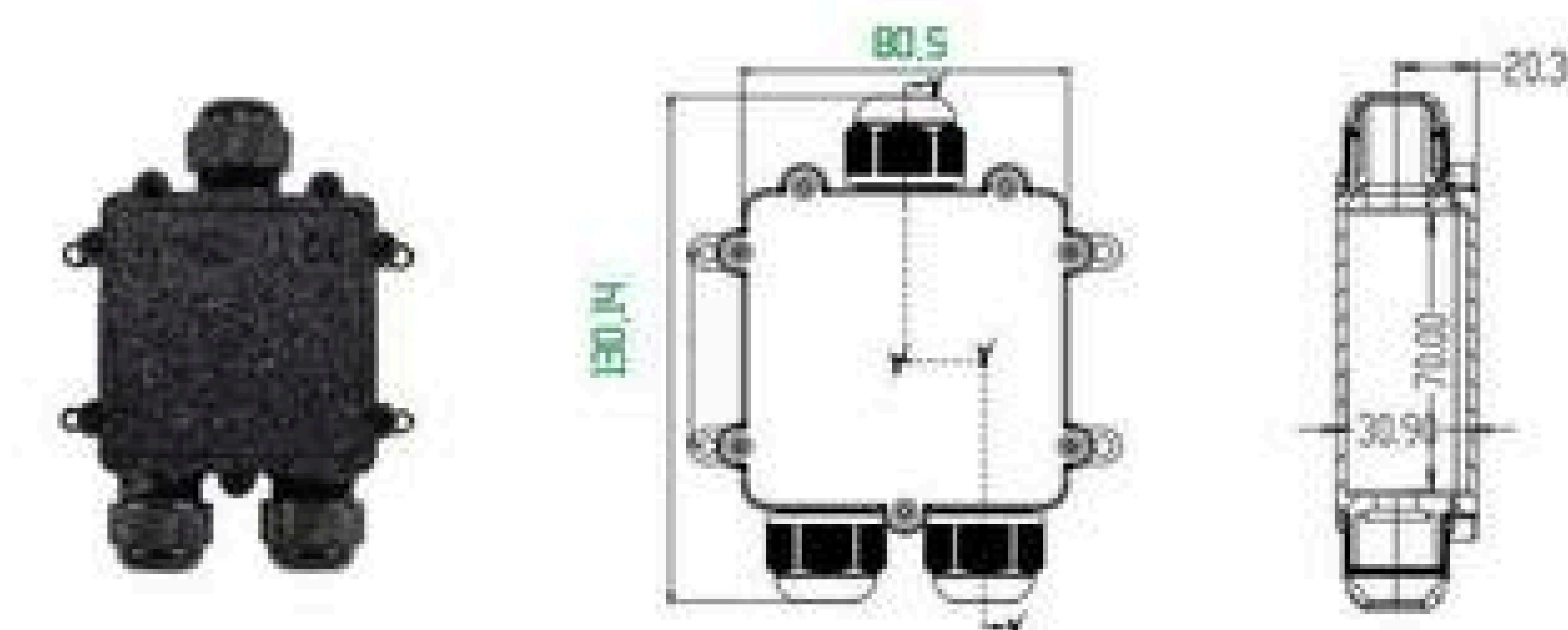


M686-T 一进二出防水接线盒 / 1 in 2 out Waterproof Junction Box



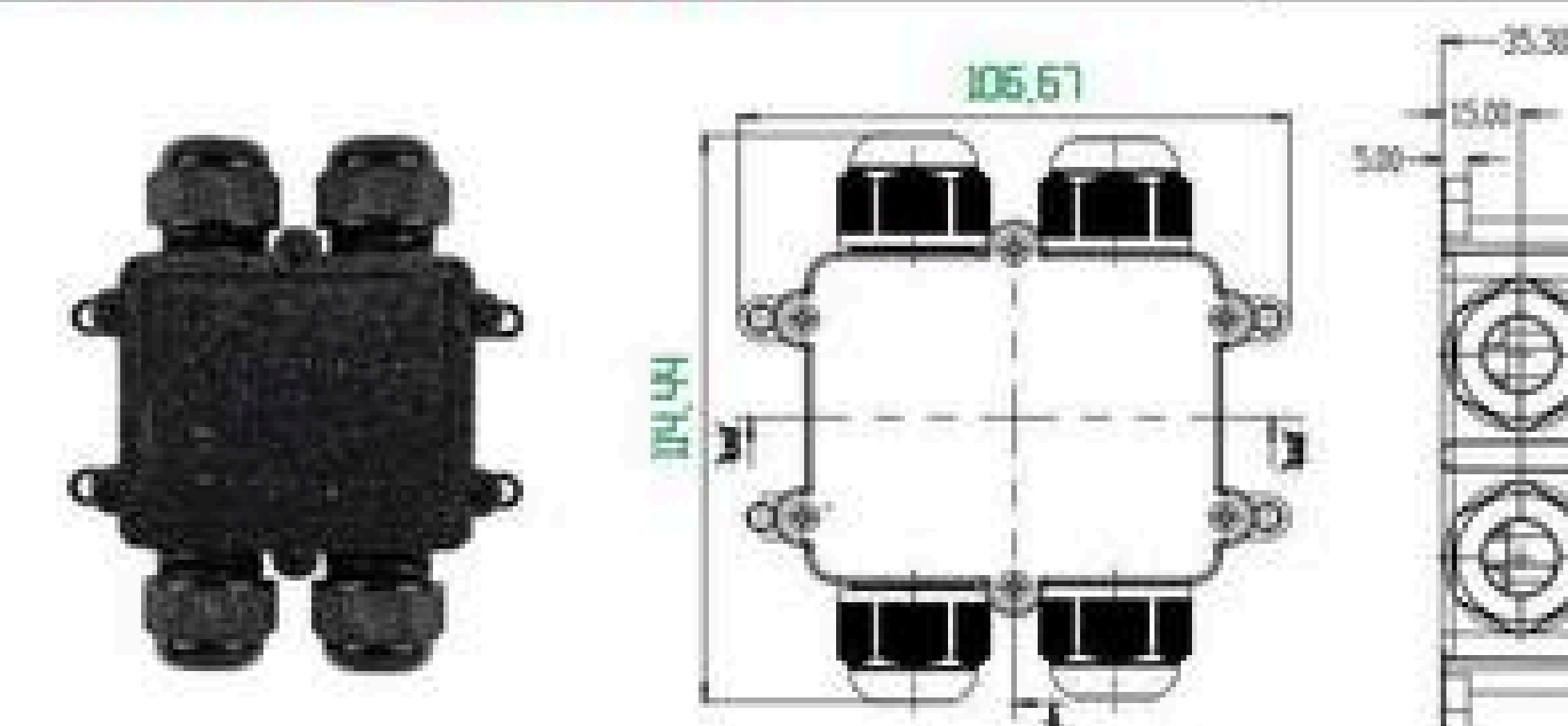
24A 450V AC(IEC)
ETL:10-15A 300VAC
Cross Section: 0.5-2.5mm²
/ 12-14AWG
ODΦ: 3-6mm
4-8mm
8-12mm
10-14mm
Temp.: -40°C~+105°C
IP Code: IP68

M686-Y 一进二出防水接线盒 / 1 in 2 out Waterproof Junction Box



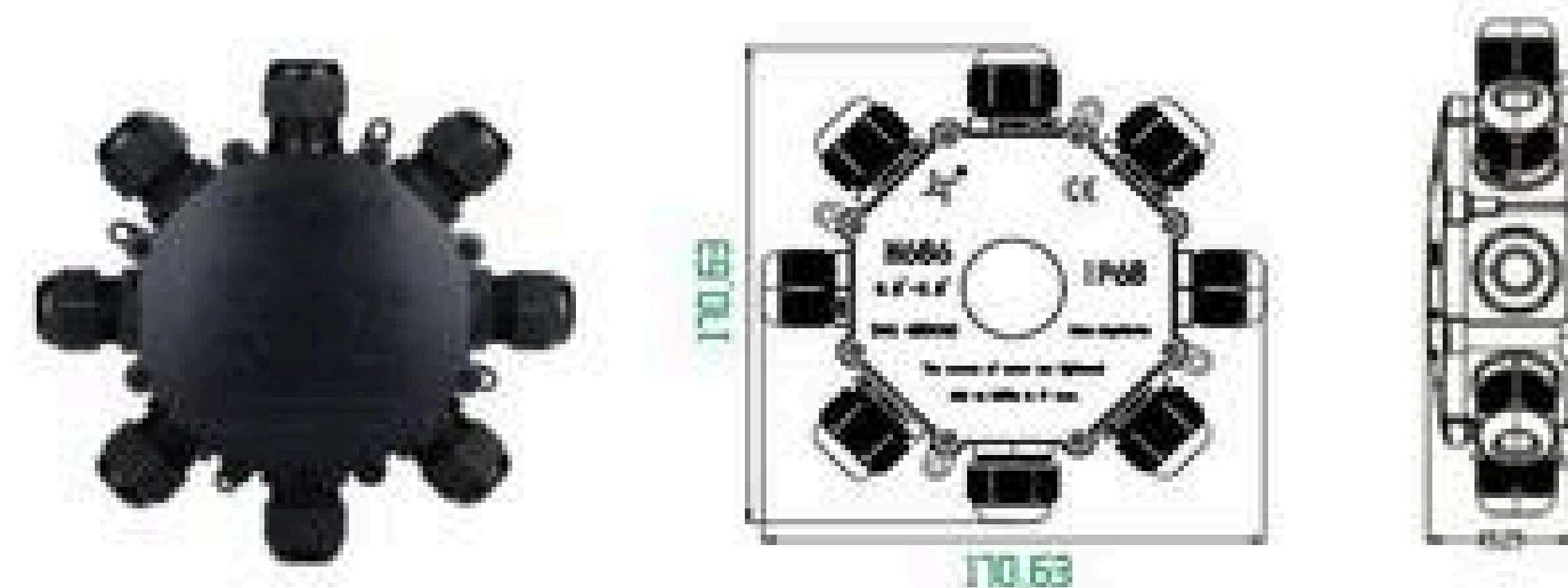
24A 450V AC(IEC)
ETL:10-15A 300VAC
Cross Section: 0.5-2.5mm²
/ 12-14AWG
ODΦ: 3-6mm
4-8mm
8-12mm
10-14mm
Temp.: -40°C~+105°C
IP Code: IP68

M686-H 一进三出防水接线盒 / 1 in 3 out Waterproof Junction Box



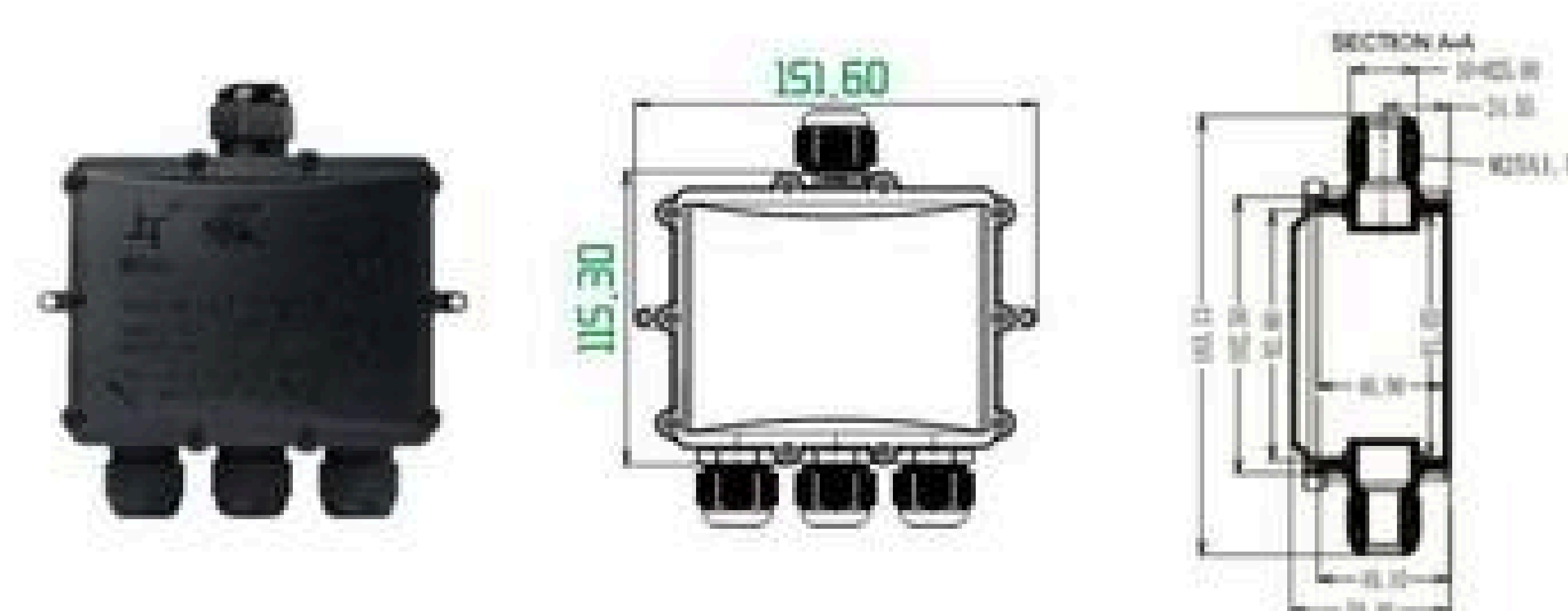
24A 450V AC(IEC)
ETL:10-15A 300VAC
Cross Section: 0.5-2.5mm²
/ 12-14AWG
ODΦ: 3-6mm
4-8mm
8-12mm
10-14mm
Temp.: -40°C~+105°C
IP Code: IP68

M686-O 八通防水接线盒 8 way Waterproof Junction Box



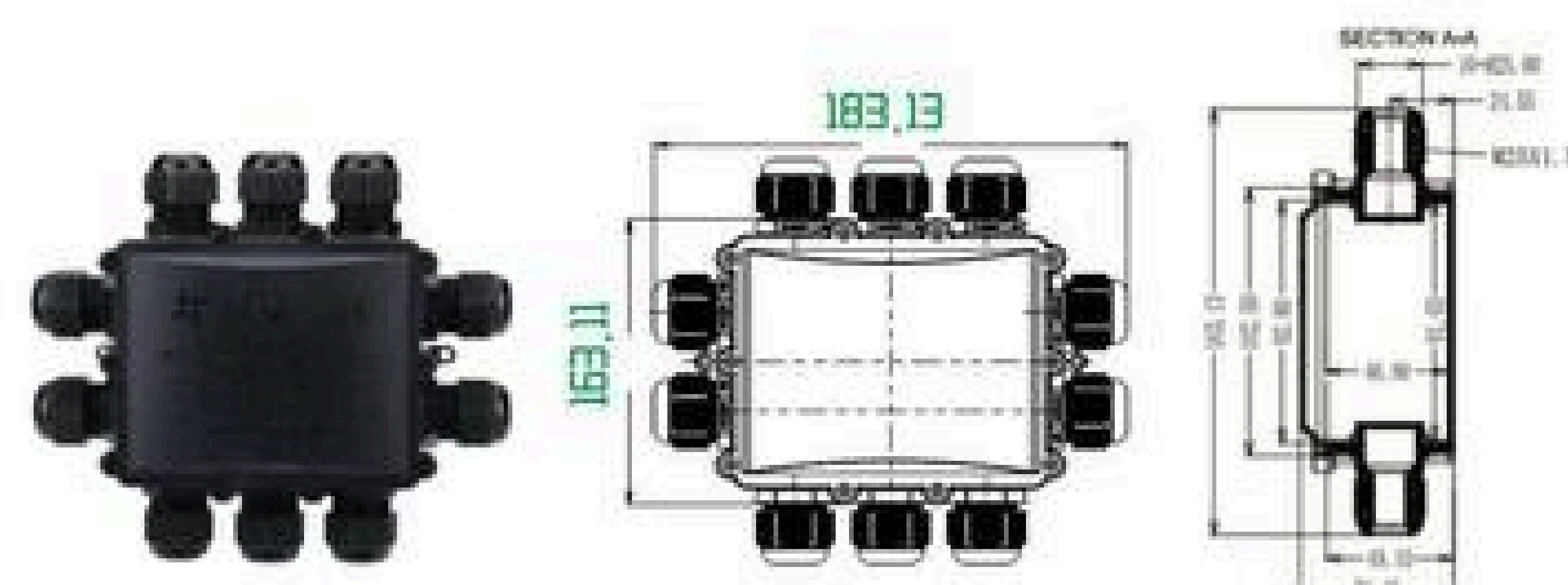
24A 450V AC(IEC)
ETL:10-15A 300VAC
Cross Section: 0.5-2.5mm²
/ 12-14AWG
ODΦ: 3-6mm
4-8mm
8-12mm
10-14mm
Temp.: -40°C~+105°C
IP Code: IP68

M686-S一进三出防水接线盒 1 in 3 out Waterproof Junction Box



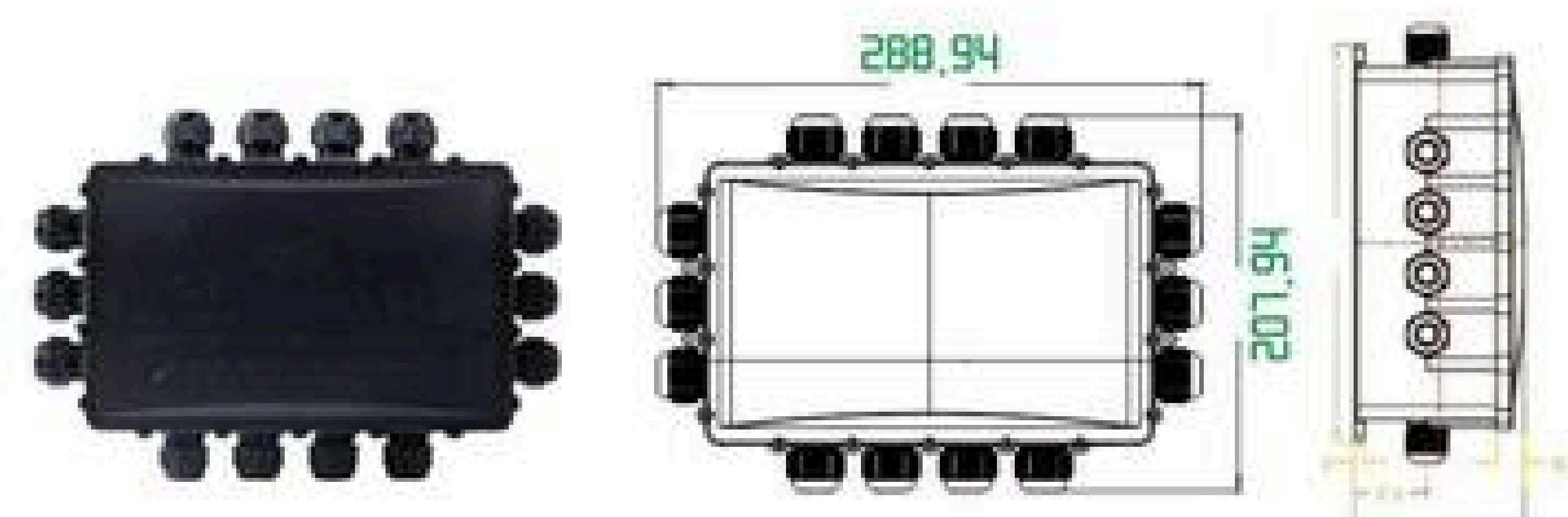
24A 450V AC(IEC)
ETL:10-15A 300VAC
Cross Section: 0.5-2.5mm²
/ 12-14AWG
ODΦ: 3-6mm
4-8mm
8-12mm
10-14mm
Temp.: -40°C~+105°C
IP Code: IP68

M686-S(10)一进九出防水接线盒 1 in 9 out Waterproof Junction Box



24A 450V AC(IEC)
ETL:10-15A 300VAC
Cross Section: 0.5-2.5mm²
/ 12-14AWG
ODΦ: 3-6mm
4-8mm
8-12mm
10-14mm
Temp.: -40°C~+105°C
IP Code: IP68

M686-14十四通防水接线盒 14 way Waterproof Junction Box



24A 450V AC(IEC)
ETL:10-15A 300VAC
Cross Section: 0.5-2.5mm²
/ 12-14AWG
OD : 3-6mm
4-8mm
8-12mm
10-14mm
Temp.: -40°C~+105°C
IP Code: IP68



防雷器系列

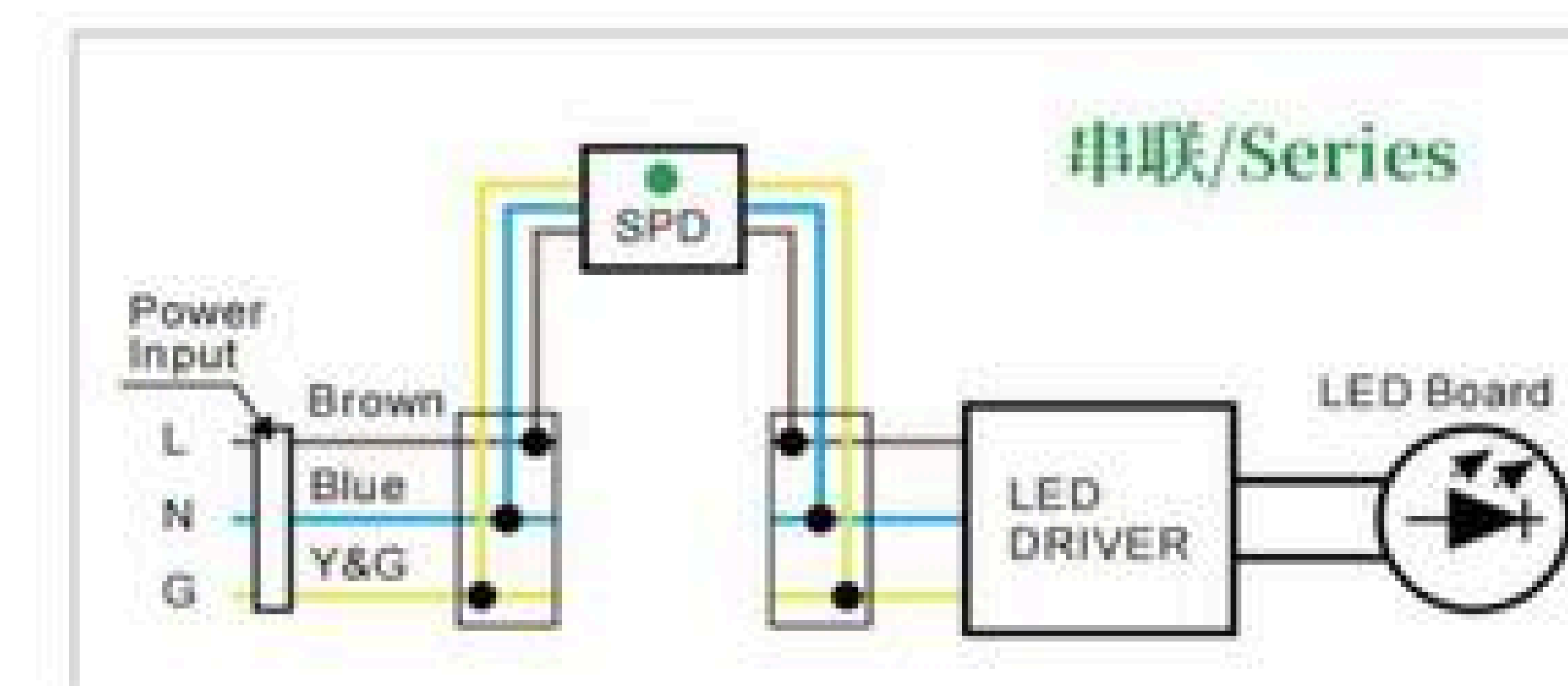
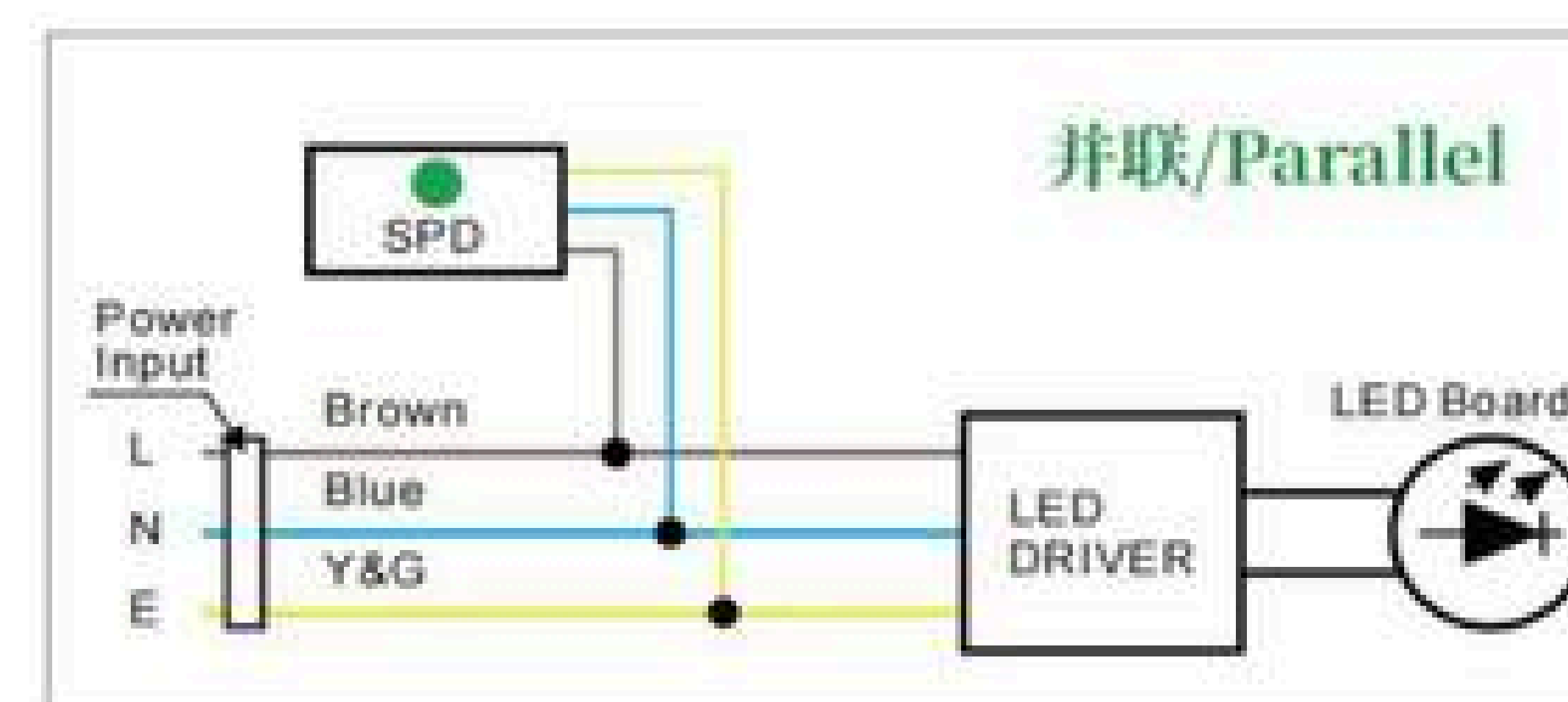
SURGE PROTECTIVE DEVICES SERIES



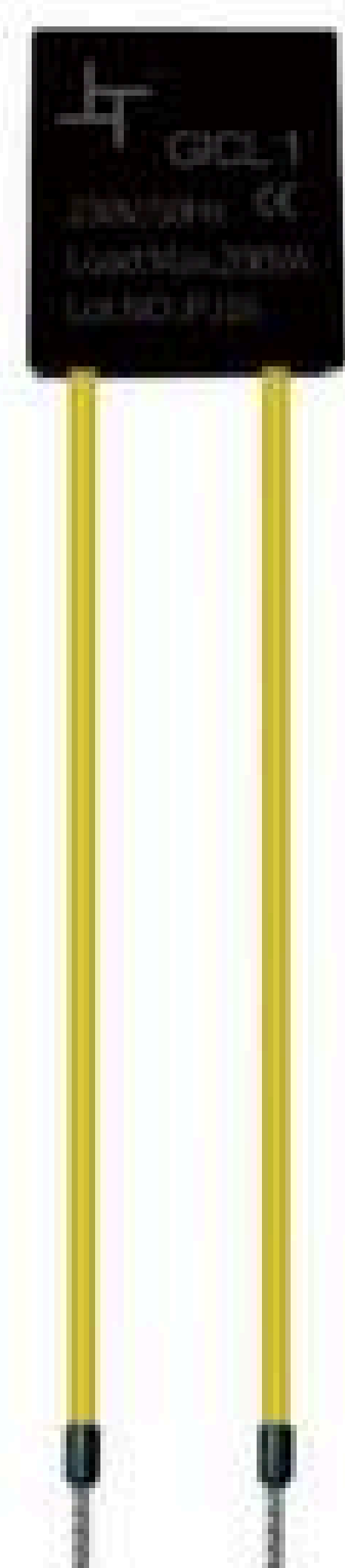
PVLinkTech LED浪涌保护器适用于户外LED照明系统，可为设备提供浪涌与雷击过电压保护。产品配备热保护和失效指示功能，采用可靠的电子元件，可帮助提升照明系统在复杂户外环境中的稳定性与安全性。多种型号可选，支持10 kV和20 kV浪涌保护等级。不同型号的认证及技术参数可能有所不同，具体信息请参阅产品规格书或联系我们确认。

PVLinkTech LED surge protective devices are designed to protect outdoor LED lighting systems against transient overvoltages caused by switching events and lightning surges. Featuring thermal protection and a failure indicator, they use reliable components to support stable performance in demanding outdoor environments.

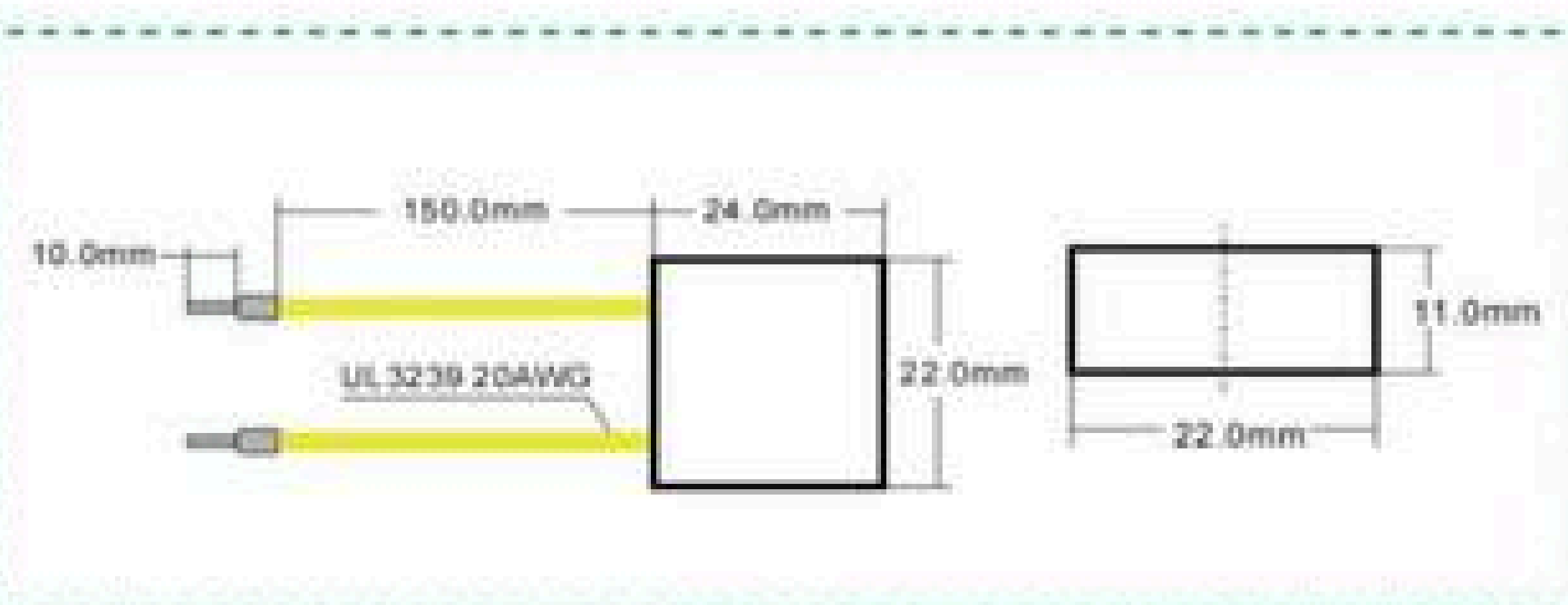
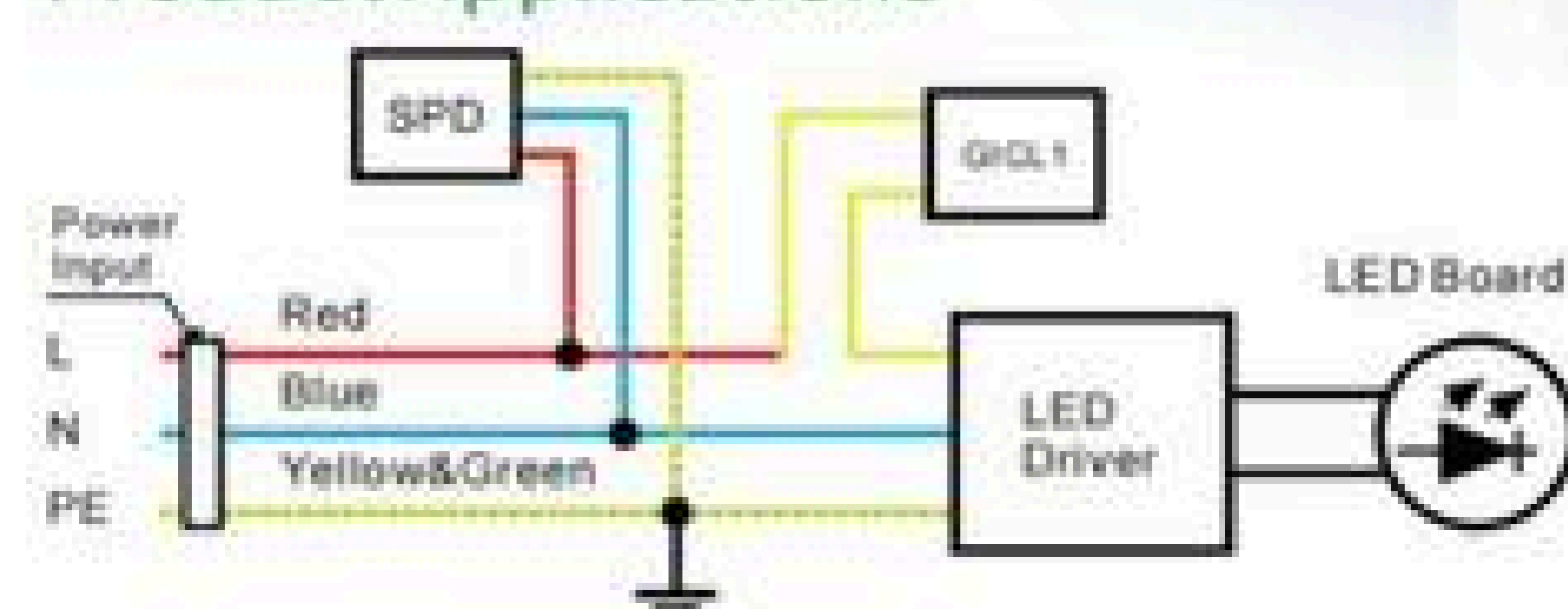
Multiple models are available with 10 kV and 20 kV surge protection options. Certifications and technical specifications vary by model. Please refer to the relevant datasheet or contact us for details.



电流限制器GICL 1
IP67



产品应用图
Product Applications

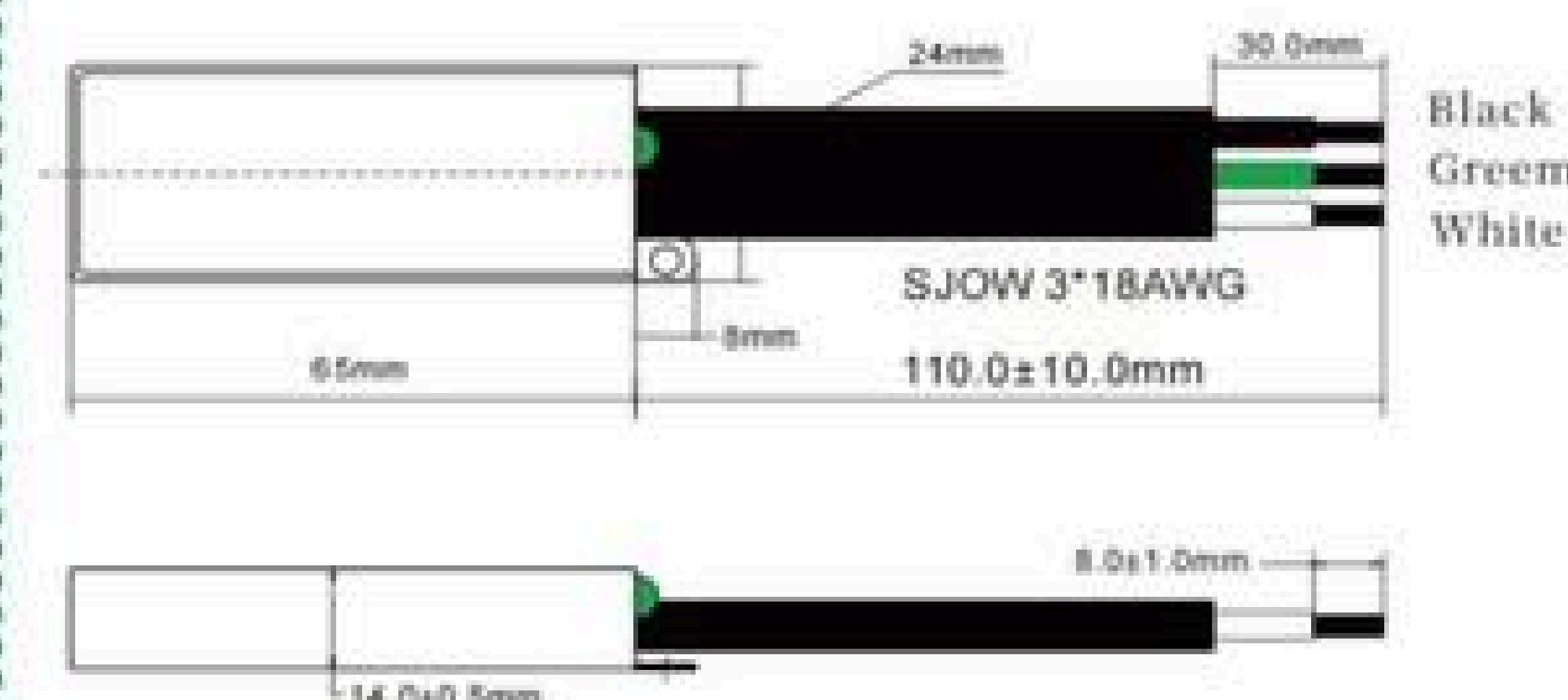
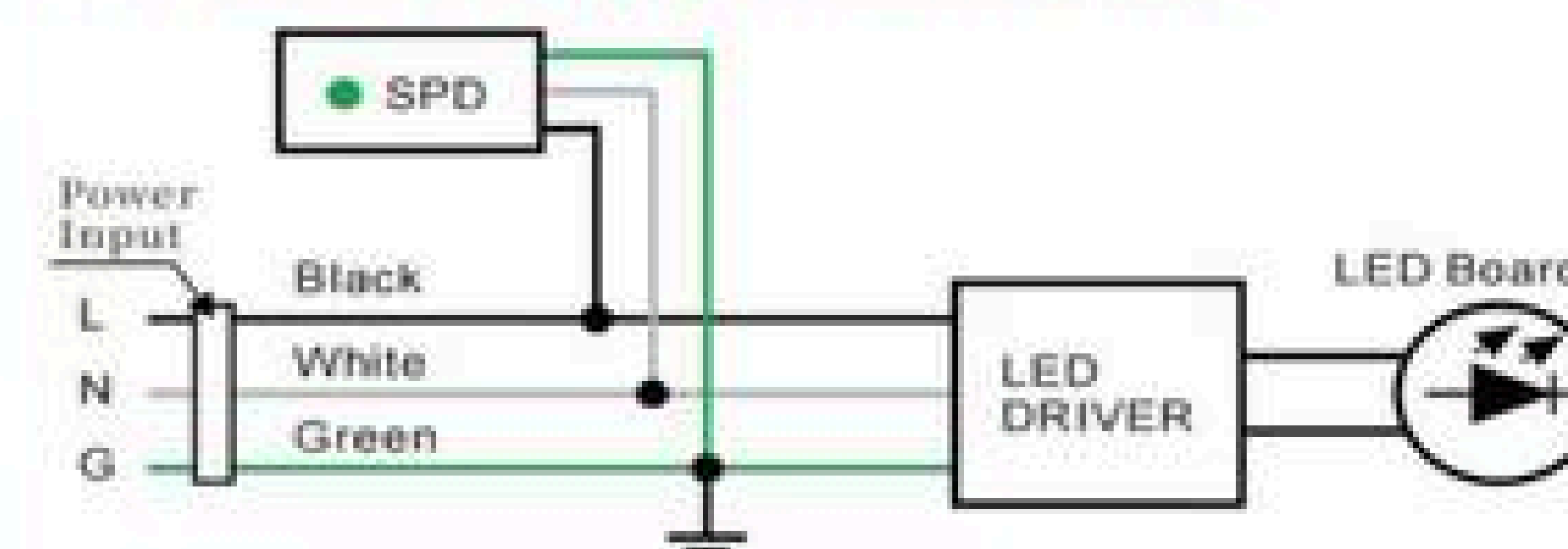


规格/Datasheet	工作电压/Uc	最大持续工作电压 Mcov	最大功率 Maximum power	保护电压/Up	标称负载电流 Nominal Load Current	最大负载电流 Maximum Load Current
欧规/CE	230VAC 50Hz	275V	<200VA	<90A@1mS	800mA	≤5A

GSPD1并联 10kV/20kV
IP67



产品应用图
Product Applications



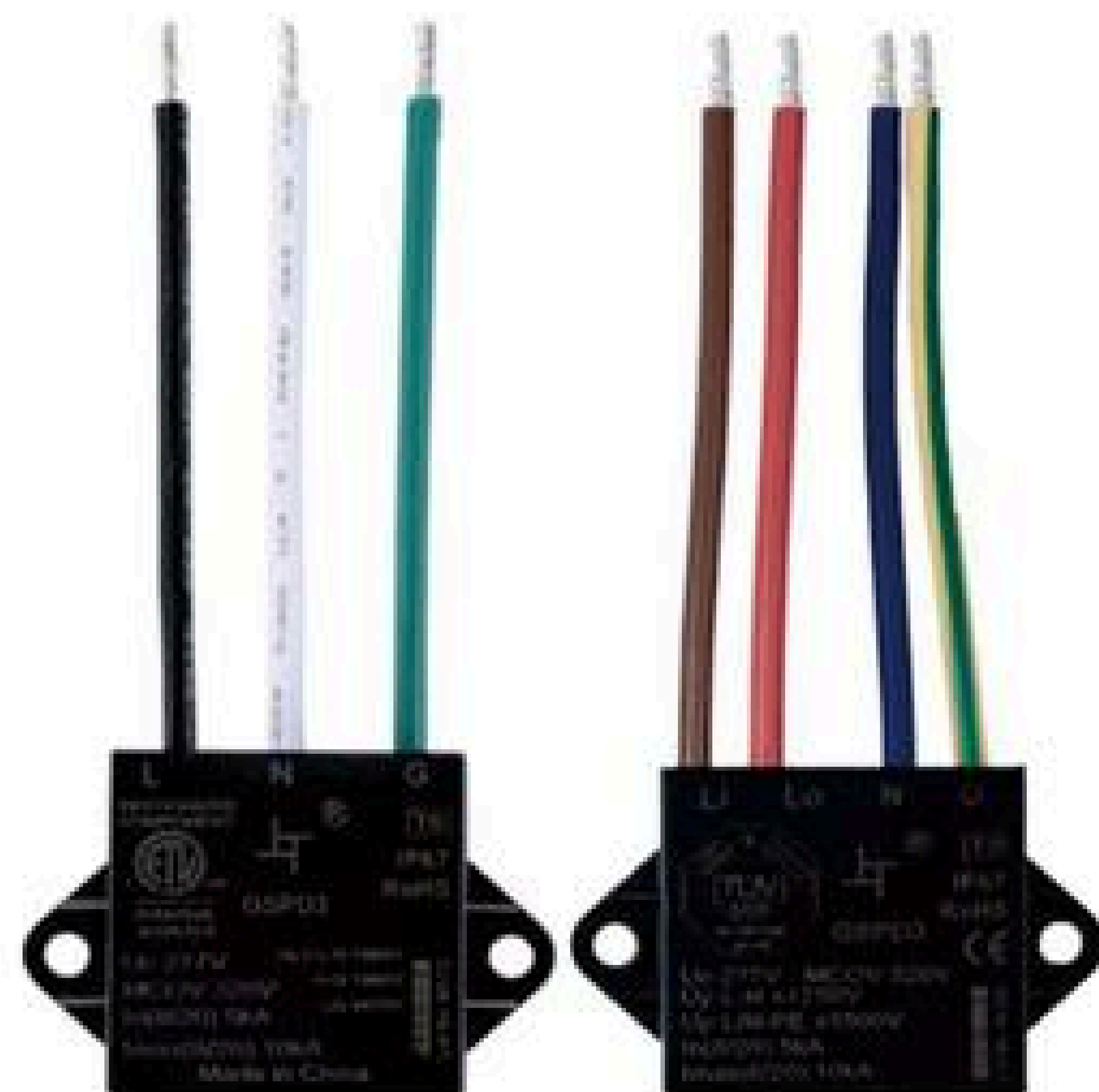
GSPD1/10kV

规格/Datasheet	工作电压/Uc	最大持续工作电压 Mcov	冲击电压/Uoc	保护电压/Up	标准放电流 In(8/20uS)	最大放电流 Imax(8/20uS)
欧规/TUV/CE	320VAC 50Hz	320V	10kV	L-N: ≤1.25kV L-PE: ≤1.5kV N-PE: ≤1.5kV	5kA	10kA
美规/ETL	277VAC 50Hz	320V	10kV	MLV L-N: 1250V L-G: 1500V N-G: 1500V	5kA	10kA
国标/CQC	277VAC 50Hz	320V	10kV	L-N: 1250V L-G: 1500V N-G: 1500V	5kA	10kA

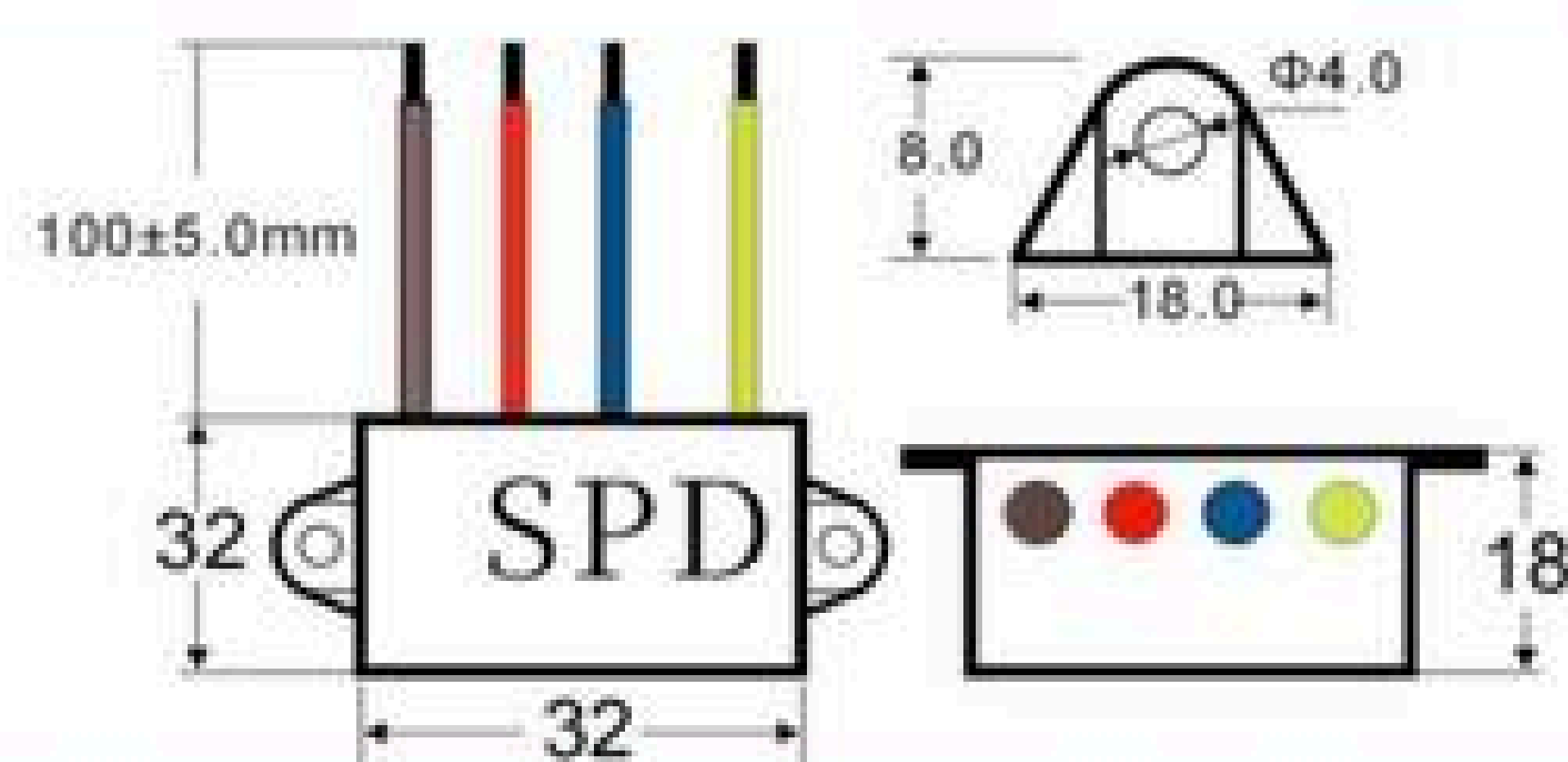
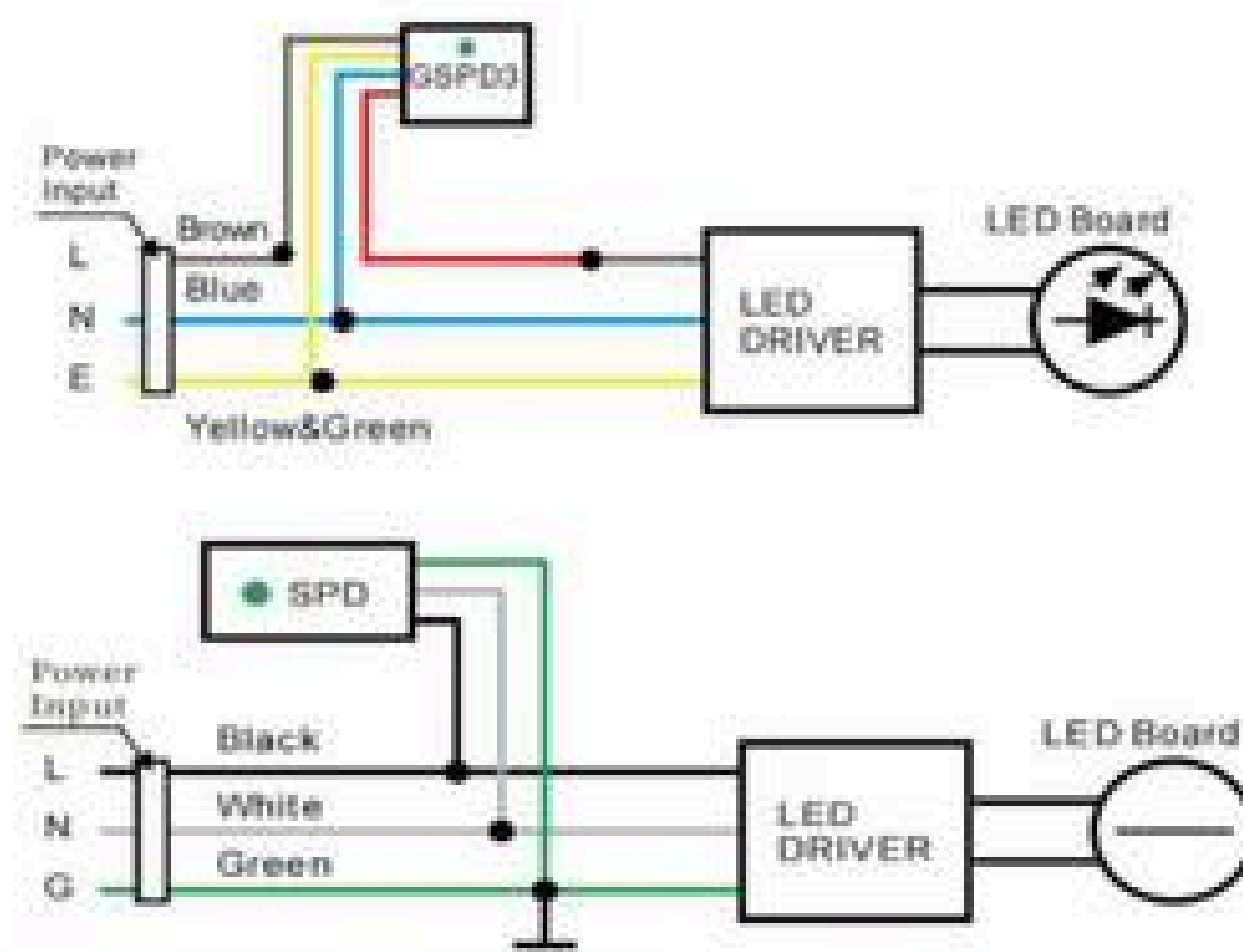
GSPD1-20/20kV

规格/Datasheet	工作电压/Uc	最大持续工作电压 Mcov	冲击电压/Uoc	保护电压/Up	标准放电流 In(8/20uS)	最大放电流 Imax(8/20uS)
欧规/TUV/CE	320VAC 50Hz	320V	20kV	L-N: ≤1.4kV L-PE: ≤1.5kV N-PE: ≤1.5kV	10kA	20kA
美规/ETL	277VAC 50Hz	320V	20kV	MLV L-N: 1250V L-G: 1500V N-G: 1500V	10kA	20kA
国标/CQC	277VAC 50Hz	320V	20kV	L-N: 1400V L-G: 1500V N-G: 1500V	10kA	20kA

GSPD3 IP67



产品应用图 Product Applications



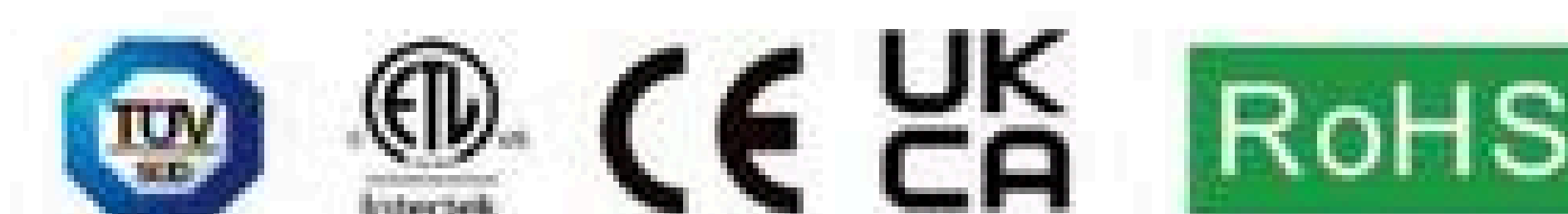
GSPD3/10kV

规格/Datasheet	工作电压/Uc	最大持续工作电压 Mcov	冲击电压/Uoc	保护电压/Up	标准放电流 In(8/20uS)	最大放电流 Imax(8/20uS)
欧规/TUV/CE	320VAC 50Hz	320V	10kV	L-N: ≤1.25kV L-PE: ≤1.5kV N-PE: ≤1.5kV	5kA	10kA
美规/ETL	277VAC 50Hz	320V	10kV	MLV L-N: 1300V L-G: 2500V N-G: 1380V	5kA	10kA
国标/CQC	277VAC 50Hz	320V	10kV	L-N: 1250V L-G: 1500V N-G: 1500V	5kA	10kA

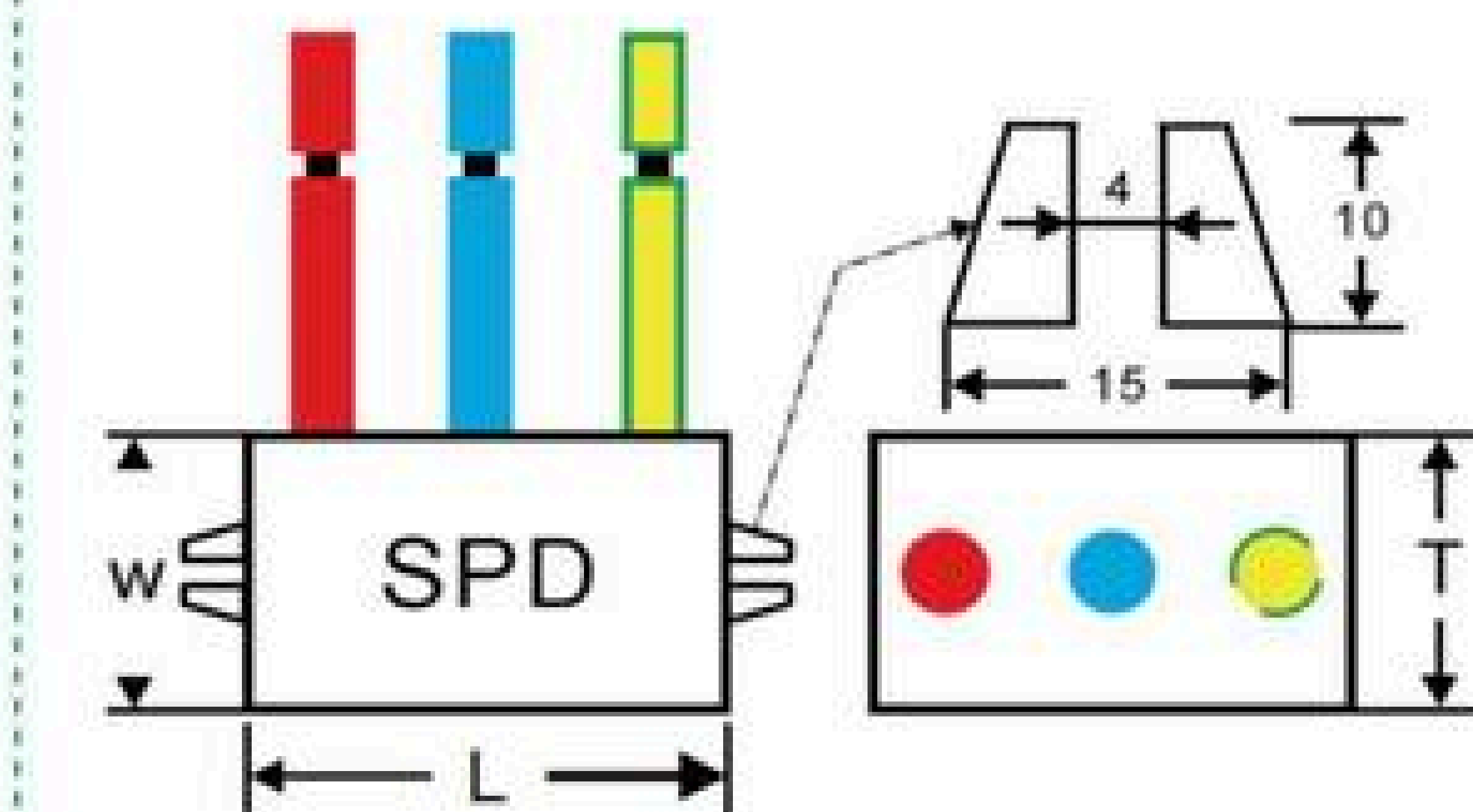
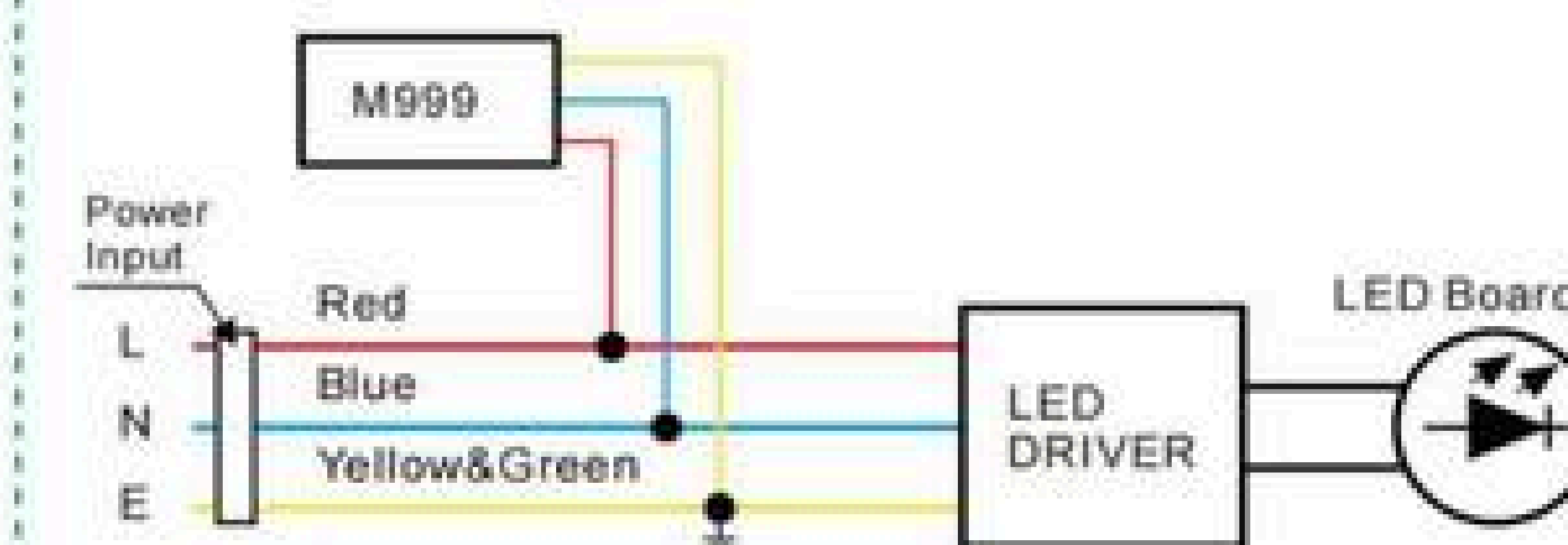
GSPD3-20/20kV

规格/Datasheet	工作电压/Uc	最大持续工作电压 Mcov	冲击电压/Uoc	保护电压/Up	标准放电流 In(8/20uS)	最大放电流 Imax(8/20uS)
欧规/TUV/CE	320VAC 50Hz	320V	20kV	L-N: ≤1.4kV L-PE: ≤1.5kV N-PE: ≤1.5kV	10kA	20kA
美规/ETL	277VAC 50Hz	320V	20kV	MLV L-N: 1370V L-G: 2500V N-G: 1360V	10kA	20kA
国标/CQC	277VAC 50Hz	320V	20kV	L-N: 1400V L-G: 1500V N-G: 1500V	10kA	20kA

M999 10kV/20kV IP67



产品应用图 Product Applications



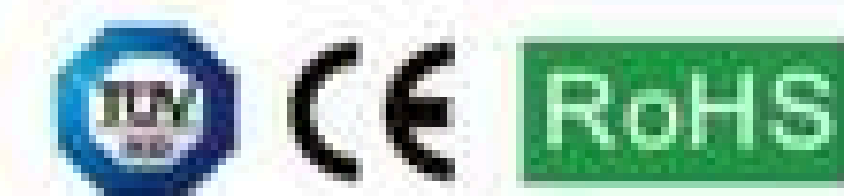
M999/10kV

规格/Datasheet	工作电压/Uc	最大持续工作电压 Mcov	冲击电压/Uoc	保护电压/Up	标准放电流 In(8/20uS)	最大放电流 Imax(8/20uS)
欧规/TUV/CE	277VAC 50Hz	277V	10kV	1.8kV	6kA	10kA
美规/ETL	277VAC 50Hz	320V	20kV	MLV L-N: 1300V L-G: 2500V N-G: 1380V	5kA	10kA

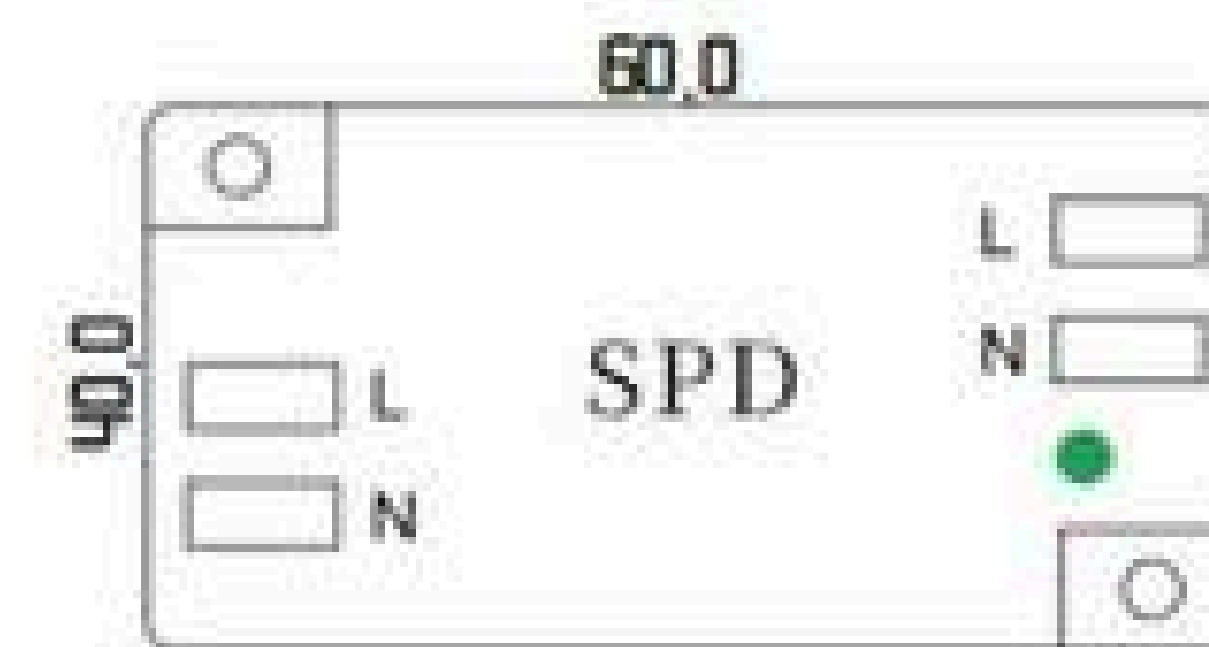
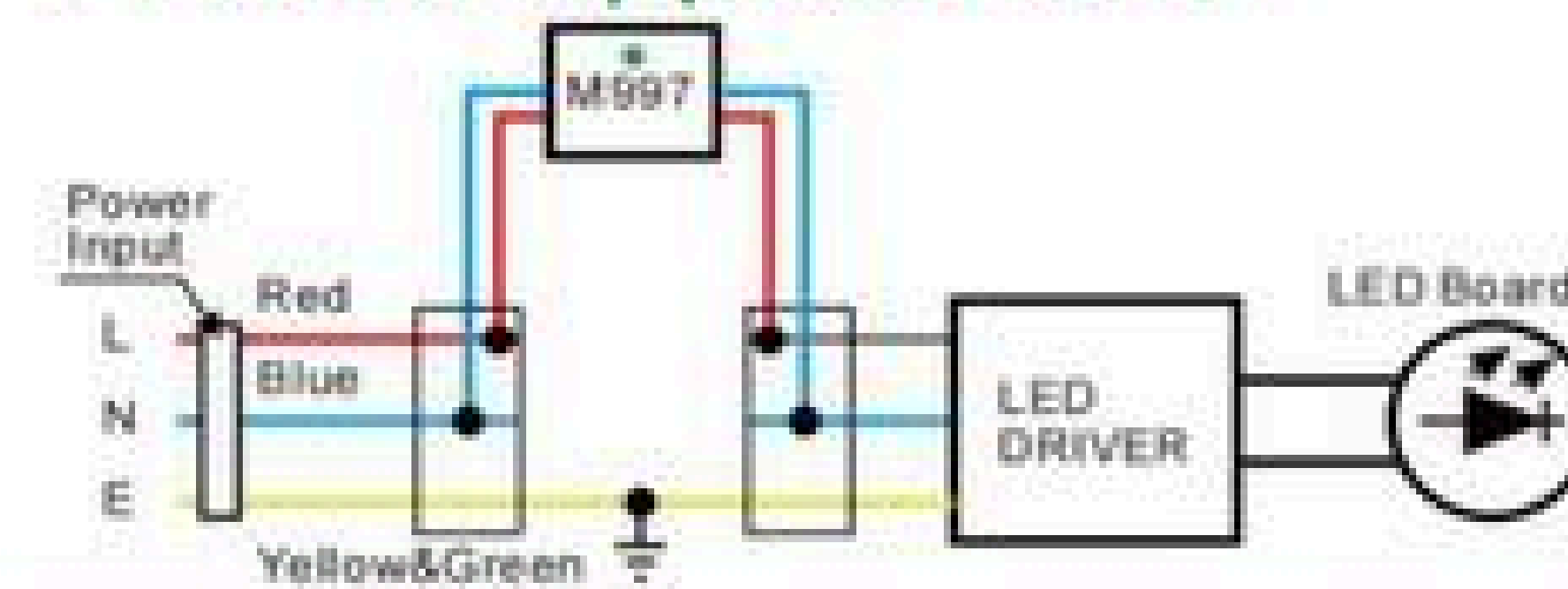
M999/20kV

规格/Datasheet	工作电压/Uc	最大持续工作电压 Mcov	冲击电压/Uoc	保护电压/Up	标准放电流 In(8/20uS)	最大放电流 Imax(8/20uS)
美规/ETL	277VAC 50Hz	320V	20kV	MLV L-N: 1370V L-G: 2500V N-G: 1360V	10kA	20kA

M997

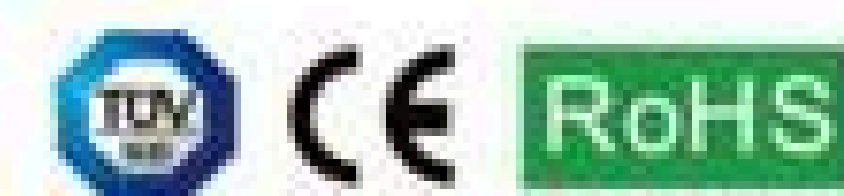


产品应用图 Product Applications

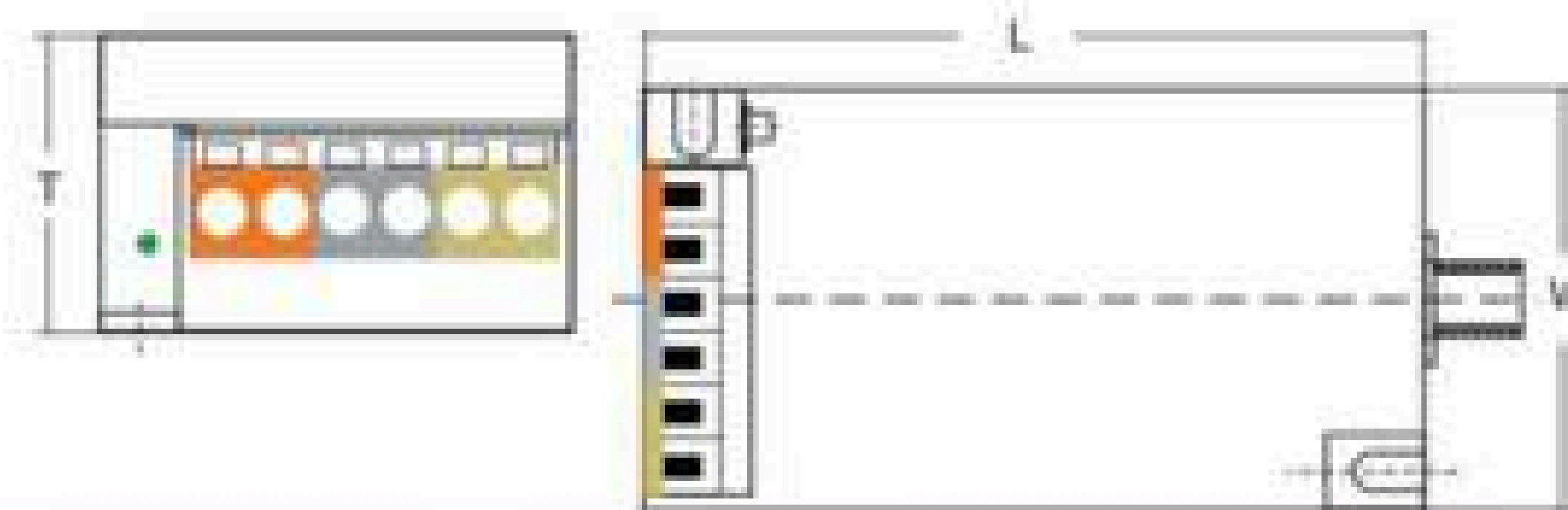
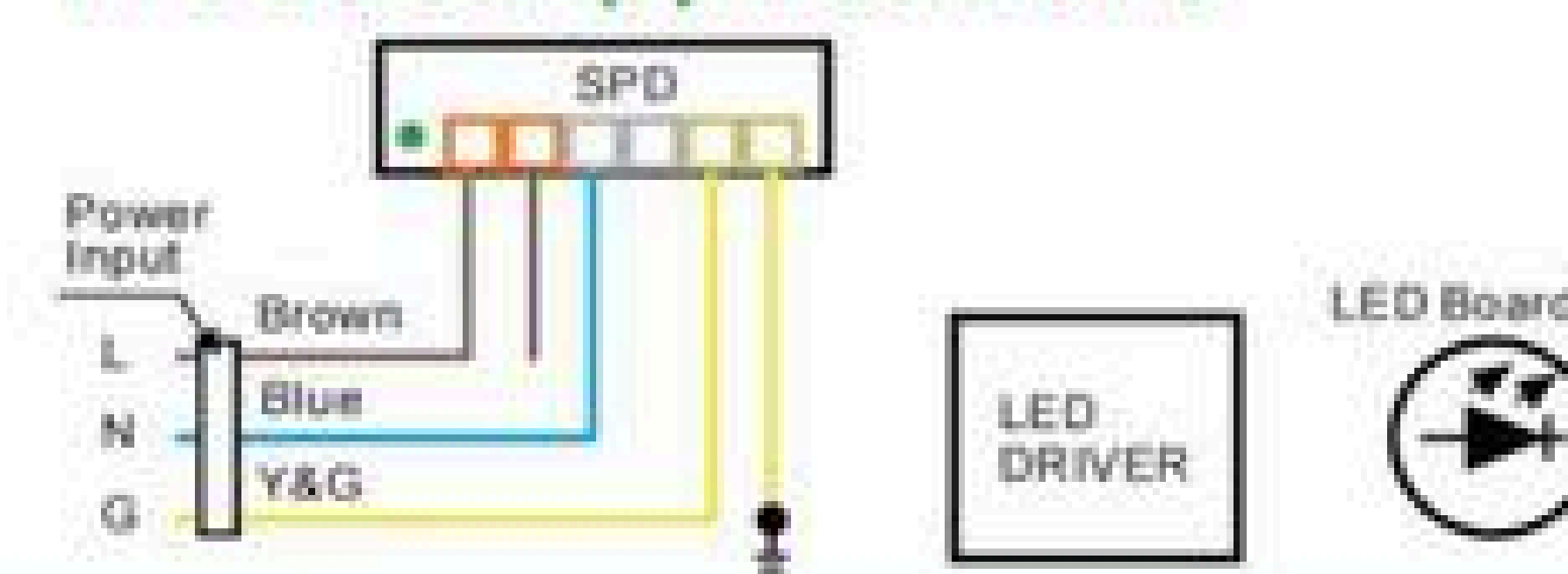


规格/Datasheet	工作电压/Uc	最大持续工作电压 Mcov	冲击电压/Uoc	保护电压/Up	标准放电流 In(8/20uS)	最大放电流 Imax(8/20uS)
欧规/TUV/CE 10kV	320VAC 50Hz	320V	10kV	L-N: ≤1.25kV L-PE: ≤1.5kV N-PE: ≤1.5kV	5kA	10kA
欧规/TUV/CE 20kV	320VAC 50Hz	320V	10kV	L-N: ≤1.4kV L-PE: ≤1.5kV N-PE: ≤1.5kV	10kA	20kA

GSPD4

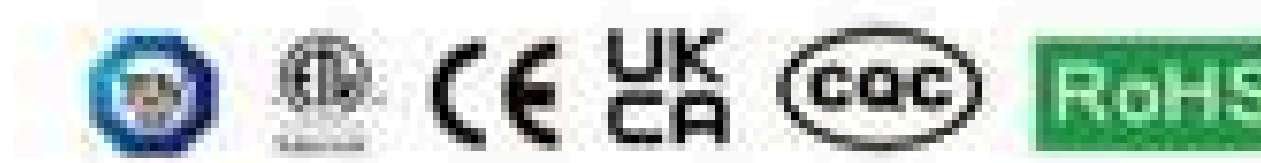


产品应用图 Product Applications

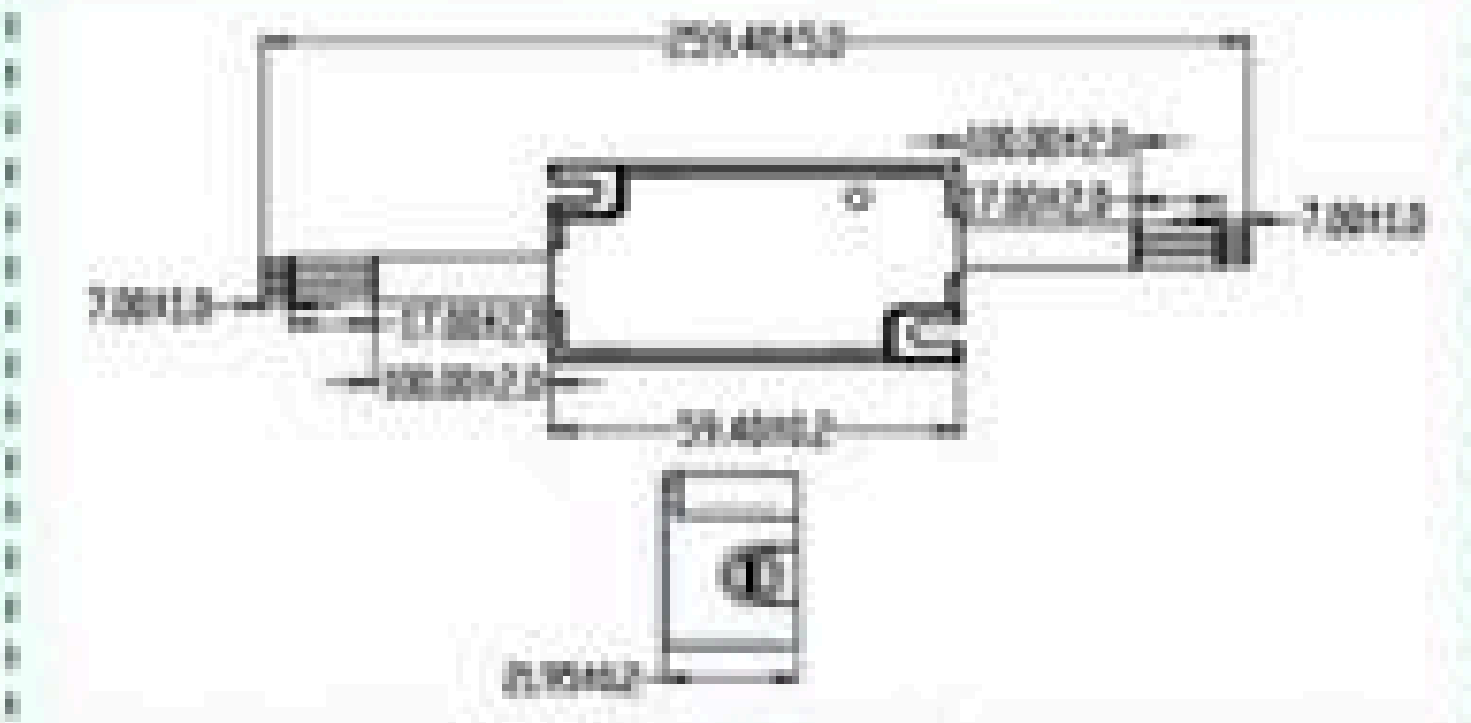
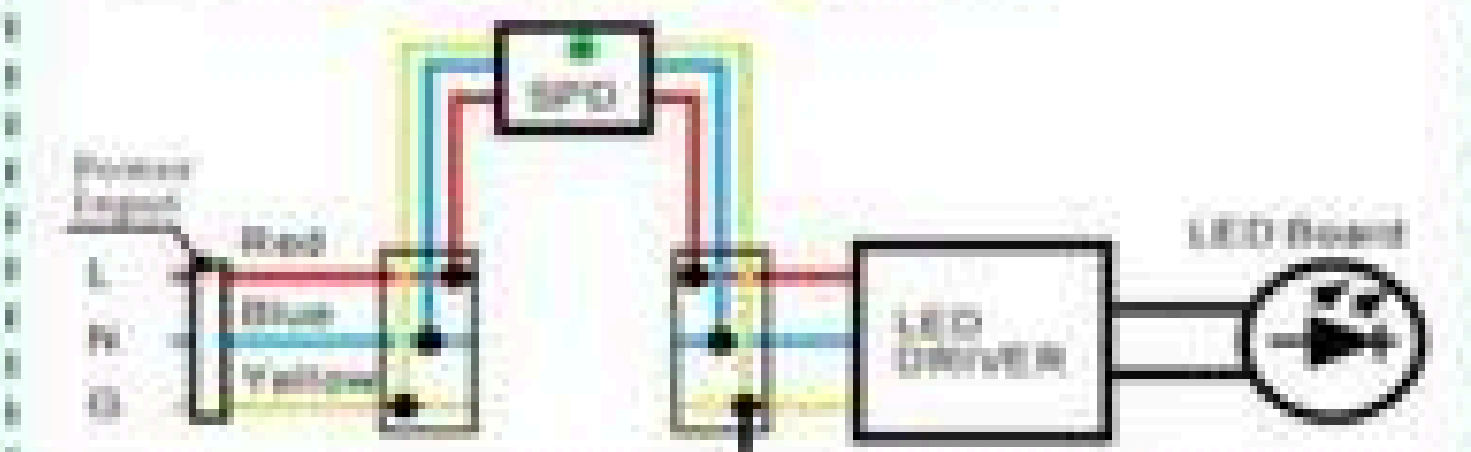


规格/Datasheet	工作电压/Uc	最大持续工作电压 Mcov	冲击电压/Uoc	保护电压/Up	标准放电流 In(8/20uS)	最大放电流 Imax(8/20uS)
欧规/TUV/CE 10kV	320VAC 50Hz	320V	10kV	L-N: ≤1.25kV L-PE: ≤1.5kV N-PE: ≤1.5kV	5kA	10kA
欧规/TUV/CE 20kV	320VAC 50Hz	320V	10kV	L-N: ≤1.4kV L-PE: ≤1.5kV N-PE: ≤1.5kV	10kA	20kA

GSPD5串联 10kV/20kV
IP67



产品应用图 Product Applications



GSPD5/10kV

规格/Datasheet	工作电压/Uc	最大持续工作电压 Mcov	冲击电压 Uoc	保护电压/Up	标准放电流 In(8/20uS)	最大放电流 Imax(8/20uS)
欧规/TUV/CE	320VAC	320V	10kV	L-N: ≤1.2kV L-PE: ≤1.3kV VN-PE: ≤1.3kV	5kA	10kA
美规/ETL	277VAC	320V	10kV	MLV L-N: 1250V L-G: 1500V N-G: 1500V	5kA	10kA
国标/CQC	277VAC	320V	10kV	L-N: 1250V L-G: 1500V N-G: 1500V	5kA	10kA

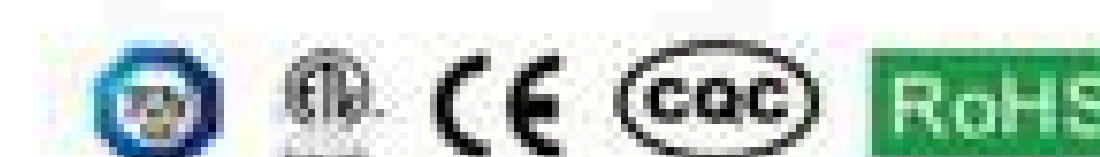
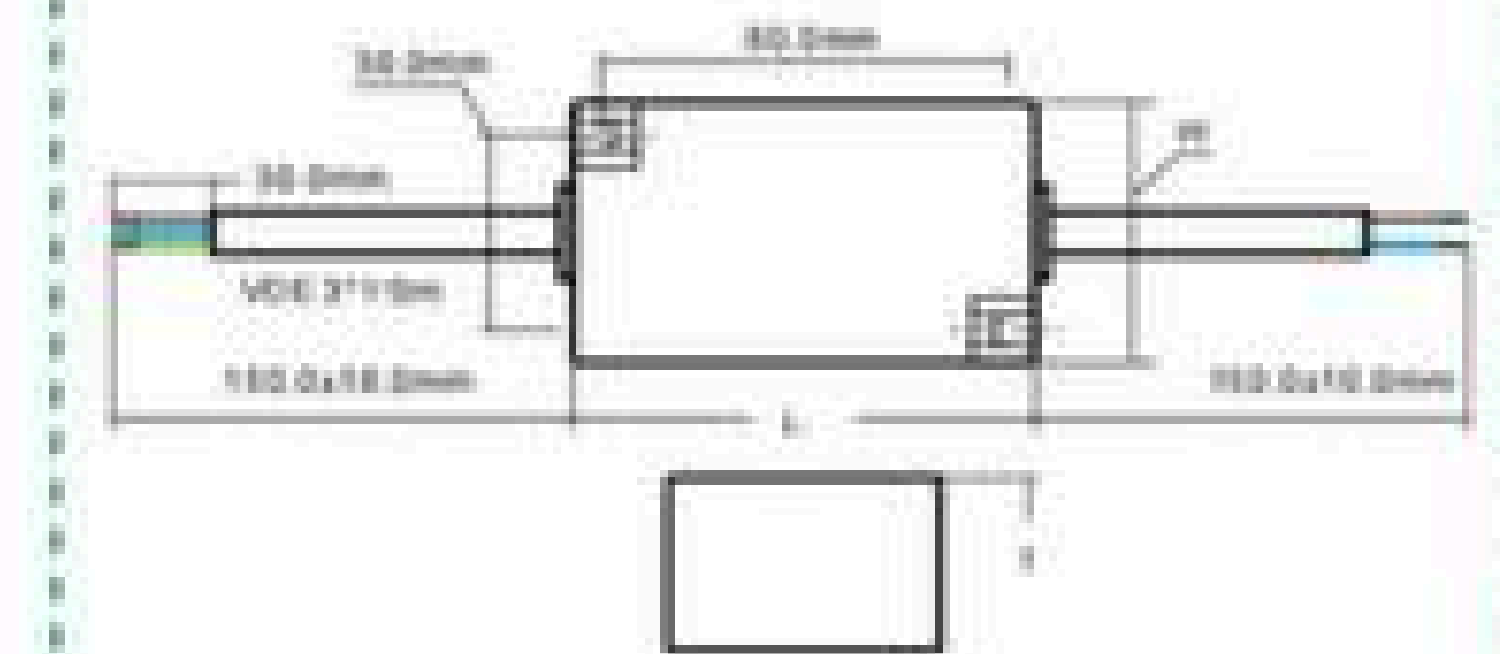
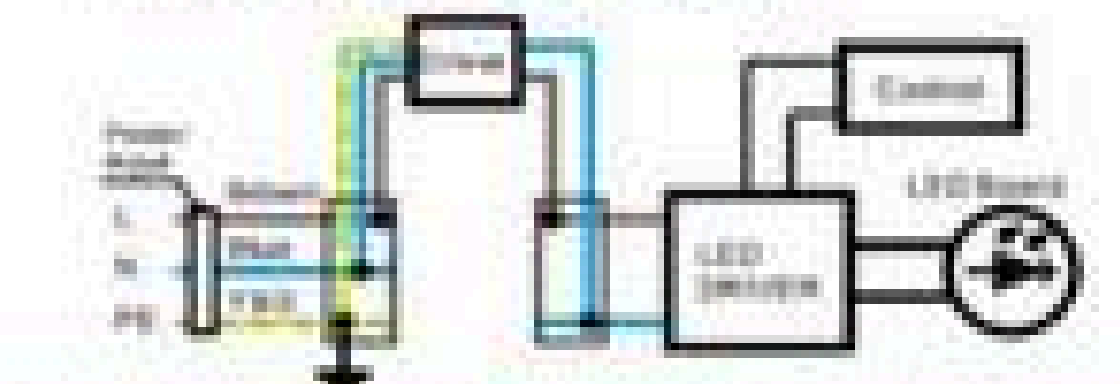
GSPD5/20kV

规格/Datasheet	工作电压/Uc	最大持续工作电压 Mcov	冲击电压 Uoc	保护电压/Up	标准放电流 In(8/20uS)	最大放电流 Imax(8/20uS)
欧规/TUV/CE	277VAC	320V	20kV	L-N: ≤1.4kV L-PE: ≤1.5kV VN-PE: ≤1.5kV	10kA	20kA
美规/ETL	277VAC	320V	20kV	MLV L-N: 1250V L-G: 1500V N-G: 1500V	10kA	20kA
国标/CQC	277VAC	320V	20kV	L-N: 1400V L-G: 1500V N-G: 1500V	10kA	20kA

GSPD5 防雷驱动
IP67



产品应用图 Product Applications

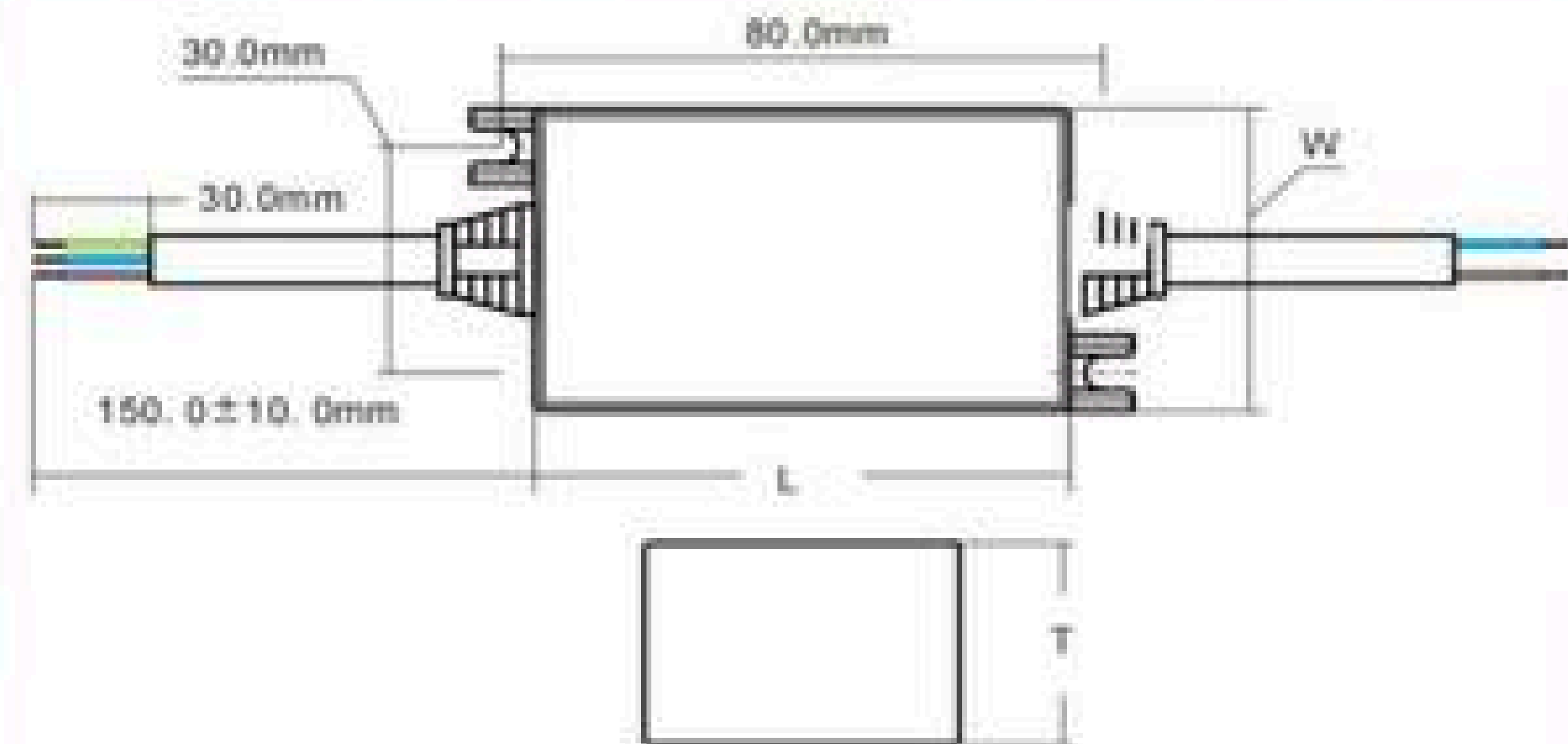
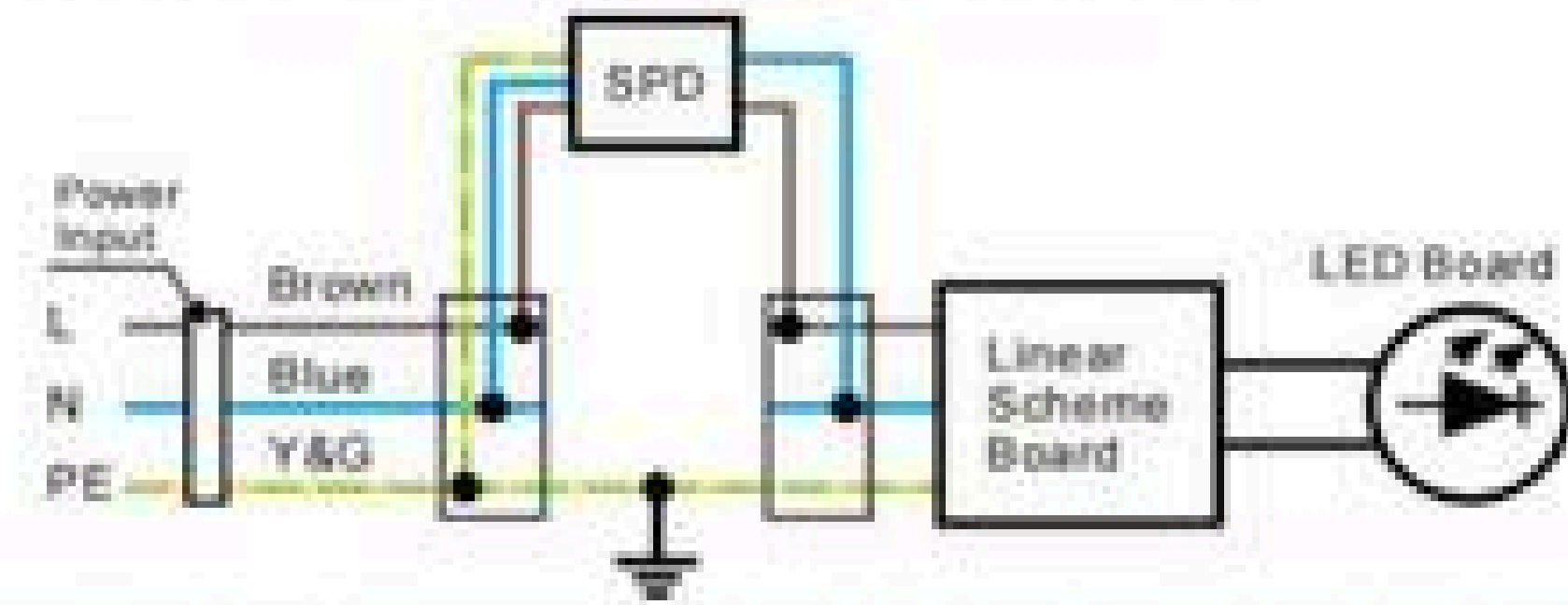


规格/Datasheet	工作电压/Uc	最大持续工作电压 Mcov	冲击电压 Uoc	保护电压/Up	标准放电流 In(8/20uS)	最大放电流 Imax(8/20uS)
	100-240VAC	320V	10kV		15kA	30kA

M998
IP67

线性方案专用
Linear Scheme
LED SPD

产品应用图 Product Applications



M998/10kV

规格/Datasheet	工作电压/Uc	最大持续工作电压 Mcov	冲击电压/Uoc	保护电压/Up	标准放电流 In(8/20uS)	最大放电流 Imax(8/20uS)
欧规/TUV/CE	320VAC 50Hz	320V	10kV	L-N: ≤1.2kV L-PE: ≤1.3kV N-PE: ≤1.3kV	5kA	10kA
美规/ETL	320VAC 50Hz/60Hz	320V	10kV	MLV L-N: 1250V L-G: 1500V N-G: 1500V	5kA	10kA
国标/CQC	277VAC 50Hz	320V	10kV	L-N: 1250V L-G: 1500V N-G: 1500V	5kA	10kA

M998-20/20kV

规格/Datasheet	工作电压/Uc	最大持续工作电压 Mcov	冲击电压/Uoc	保护电压/Up	标准放电流 In(8/20uS)	最大放电流 Imax(8/20uS)
欧规/TUV/CE	320VAC 50Hz	320V	20kV	L-N: ≤1.4kV L-PE: ≤1.5kV N-PE: ≤1.5kV	10kA	20kA
美规/ETL	320VAC 50Hz/60Hz	320V	20kV	MLV L-N: 1250V L-G: 1500V N-G: 1500V	10kA	20kA
国标/CQC	277VAC 50Hz	320V	20kV	L-N: 1400V L-G: 1500V N-G: 1500V	10kA	20kA



户外配电系列

OUTDOOR POWER DISTRIBUTION SERIES

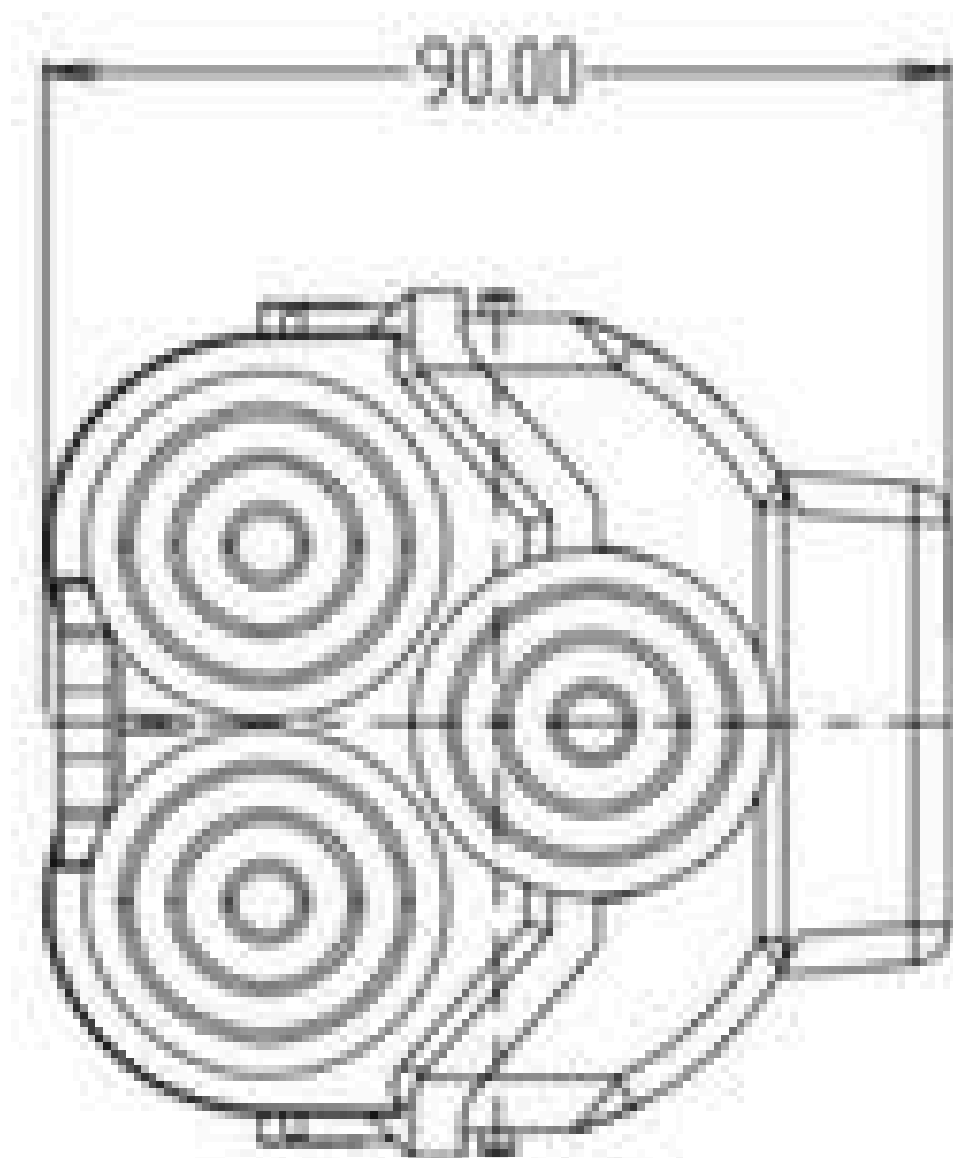
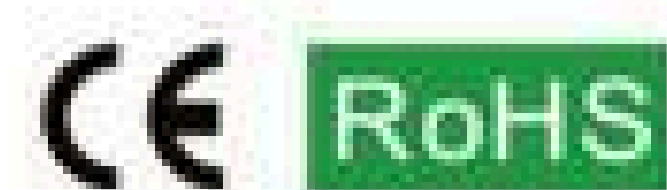
4

我们的路灯配电箱适用于路灯配电系统，广泛应用于机场、高速公路、隧道、桥梁道路等照明配电系统。适用于各种大小规格的熔断器、保险丝，产品做工精细，全部采用防火阻燃材料，质量稳定可靠。

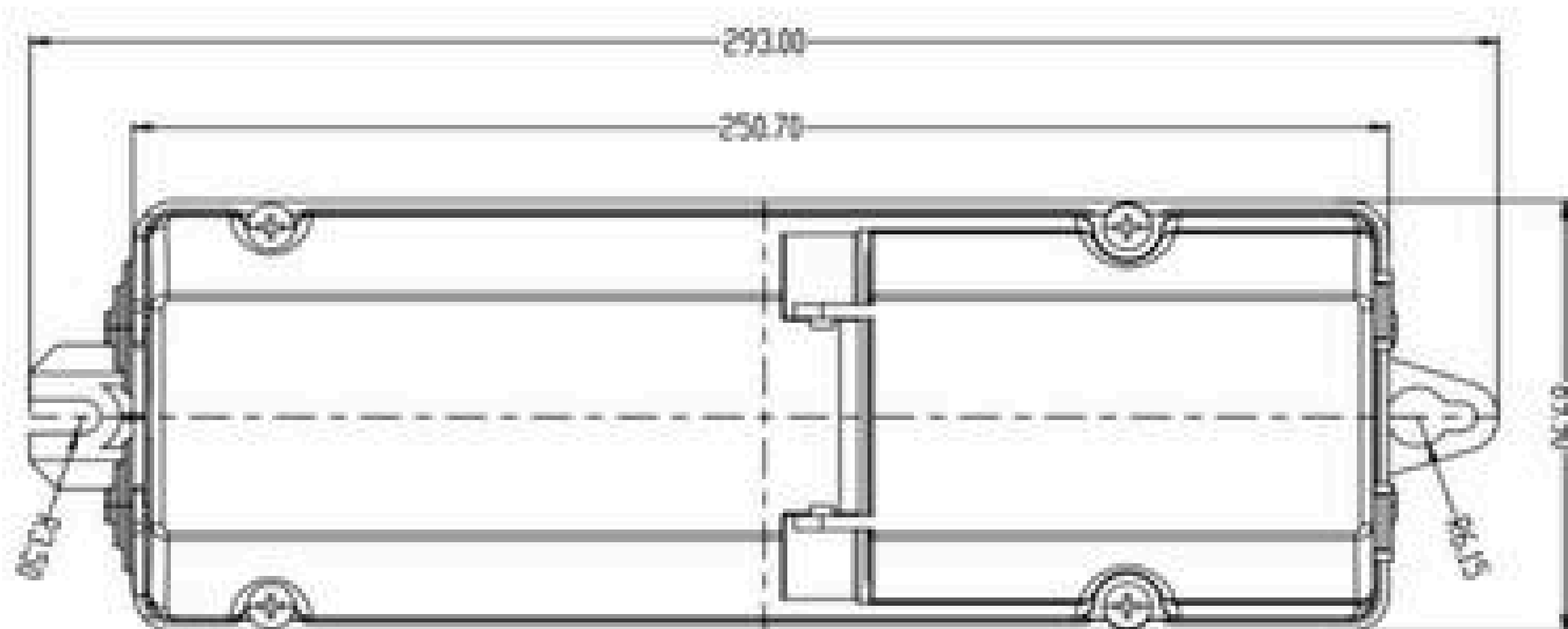
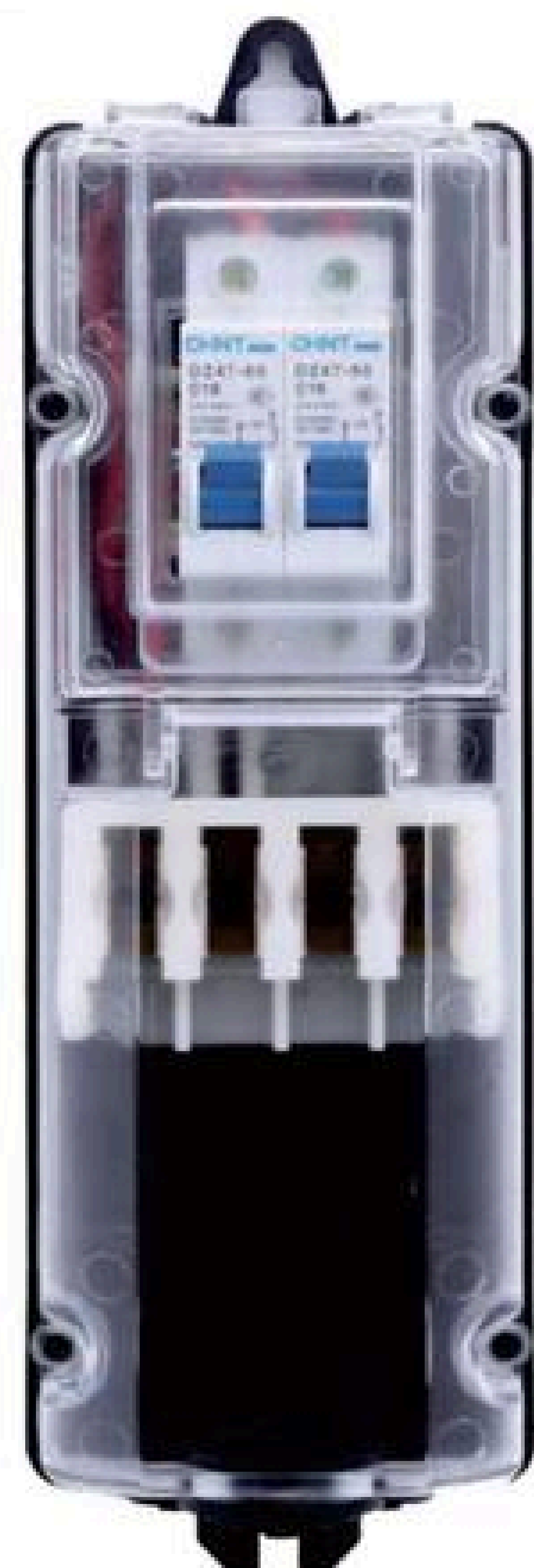
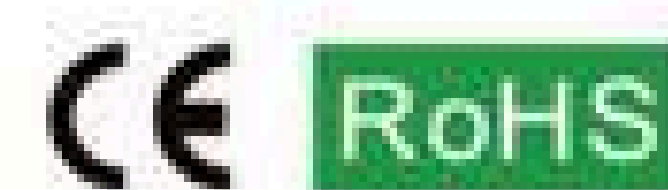
Our streetlight distribution box is designed for streetlight power distribution systems and is widely used in lighting distribution systems for airports, highways, tunnels, bridges, and roads. It is compatible with various sizes and specifications of fuses and circuit breakers. Crafted with precision, the product is made entirely of fire-resistant and flame-retardant materials, ensuring stable and reliable quality.



M695
保险丝型
Fuse Type



M696
空气开关型
MCB type

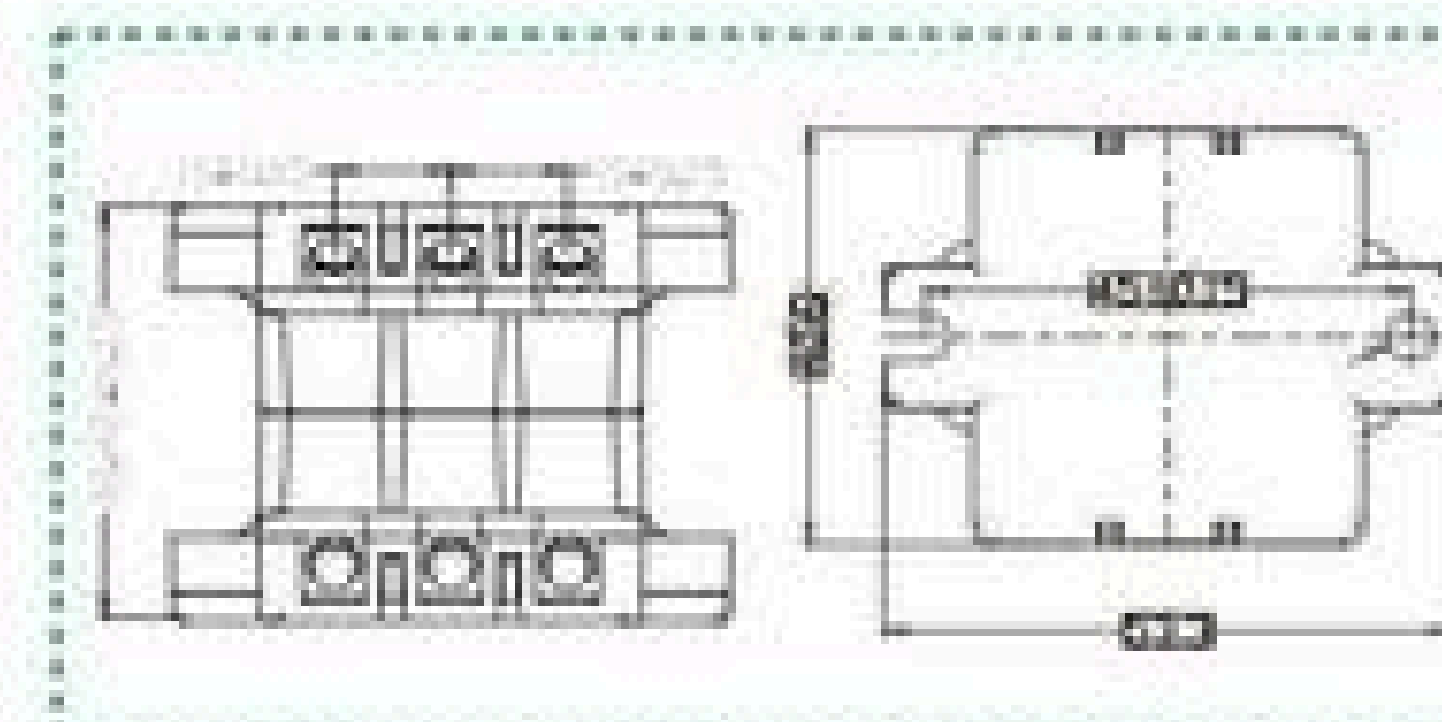


型号/Model	产品尺寸 Product Size	分級/Rated	額定連接 Rated connecting	防護等級 IP code	工作/Working
M695 保險絲 Fuse type	293mm*89.9mm	輸入Input:80A 500VAC(IEC)	16A 2*0.5~2*1.5mm ²	IP54	-5°C ~ -60°C
M696 空氣開關型 MCB type		輸出Output:16A 450VAC(IEC)	80A 3*1.5~4*25mm ²		

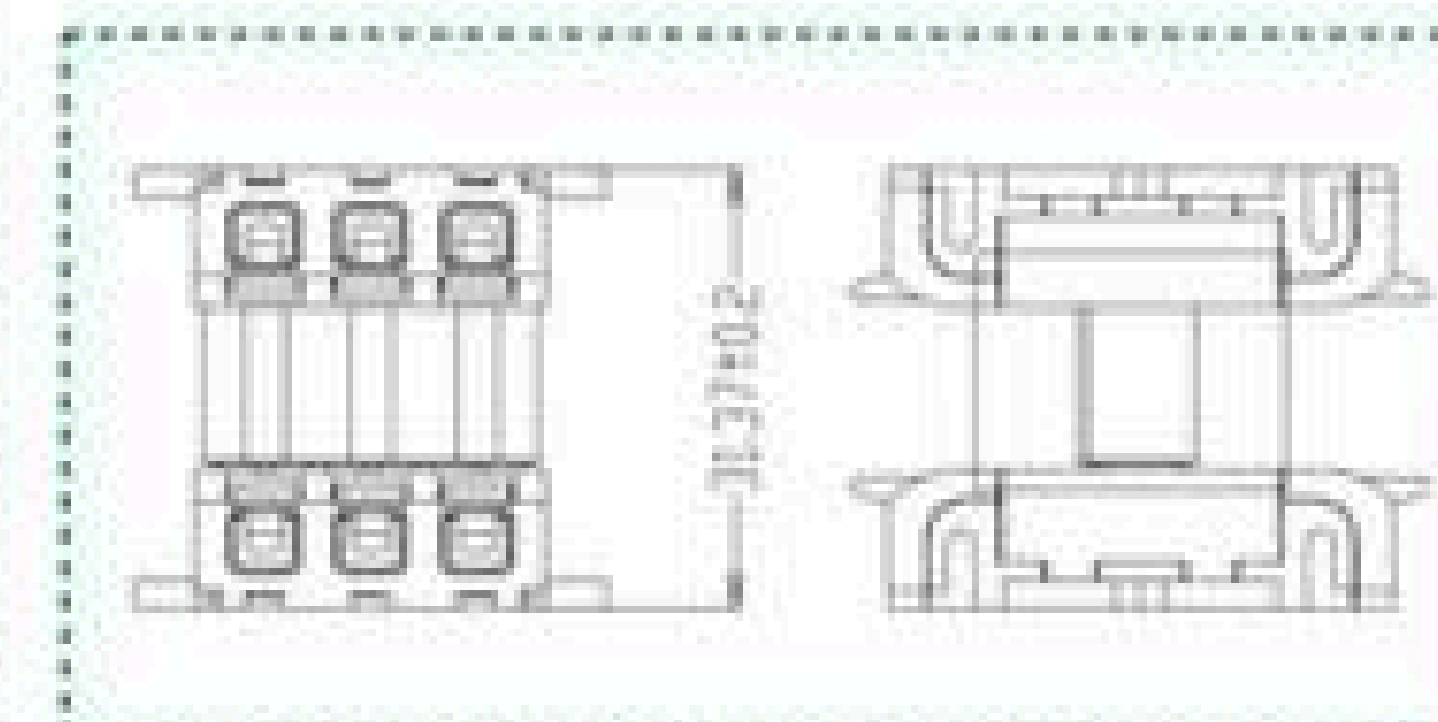
895 断路器 Circuit Breakers



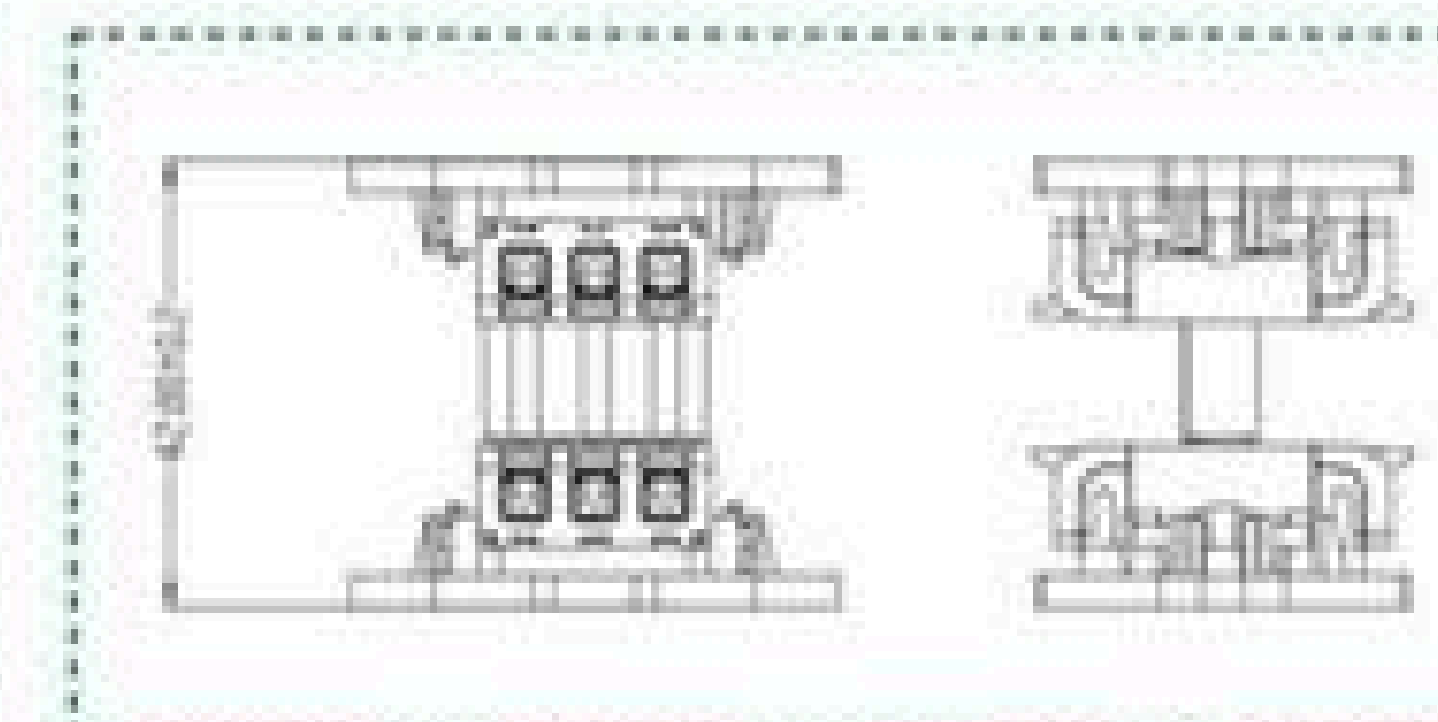
20A 500VAC 0.75~2.5mm²



20A 500VAC 0.75~2.5mm²



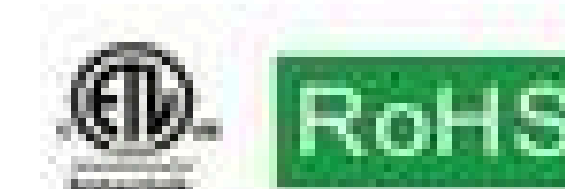
20A 500VAC 0.75~2.5mm²



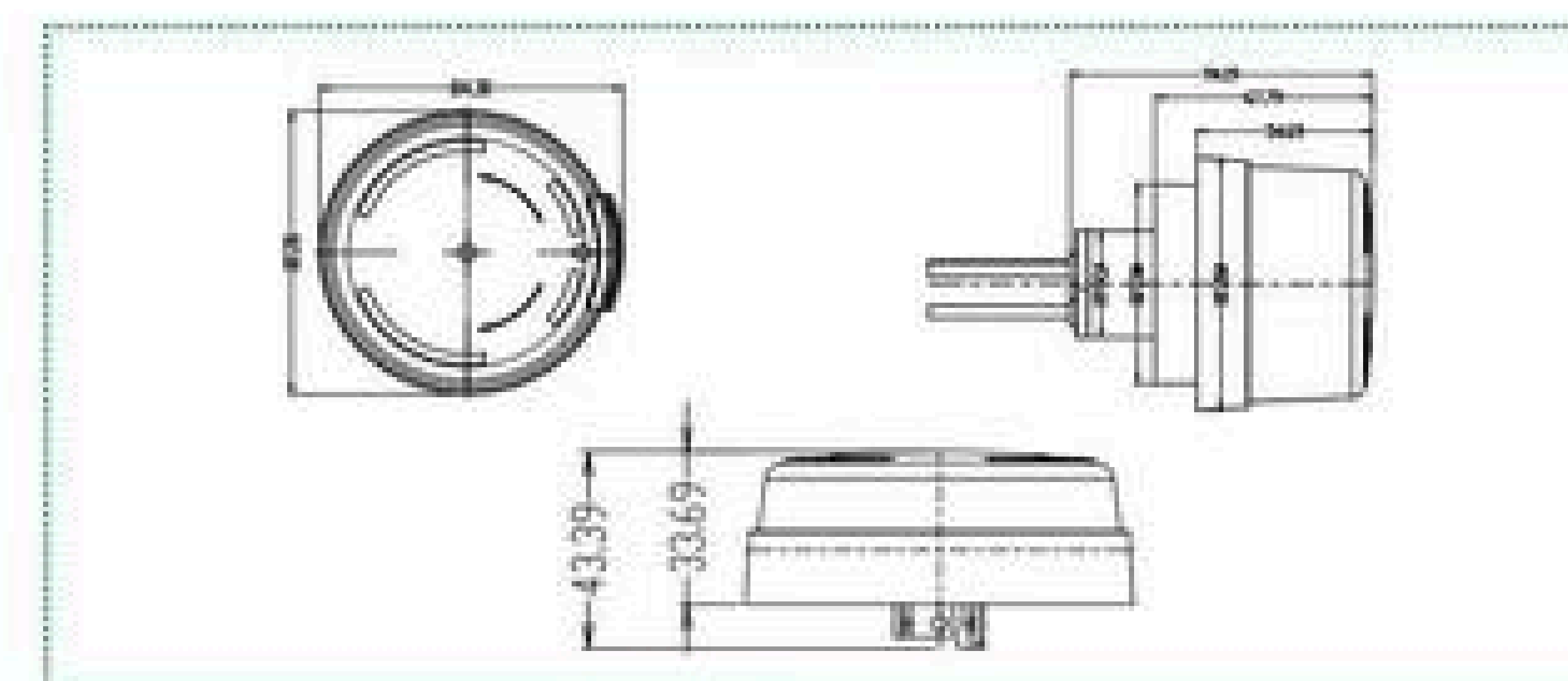
M970
光控开关
Photocell sensor switch



M970 短路帽
Photocell shorting cap



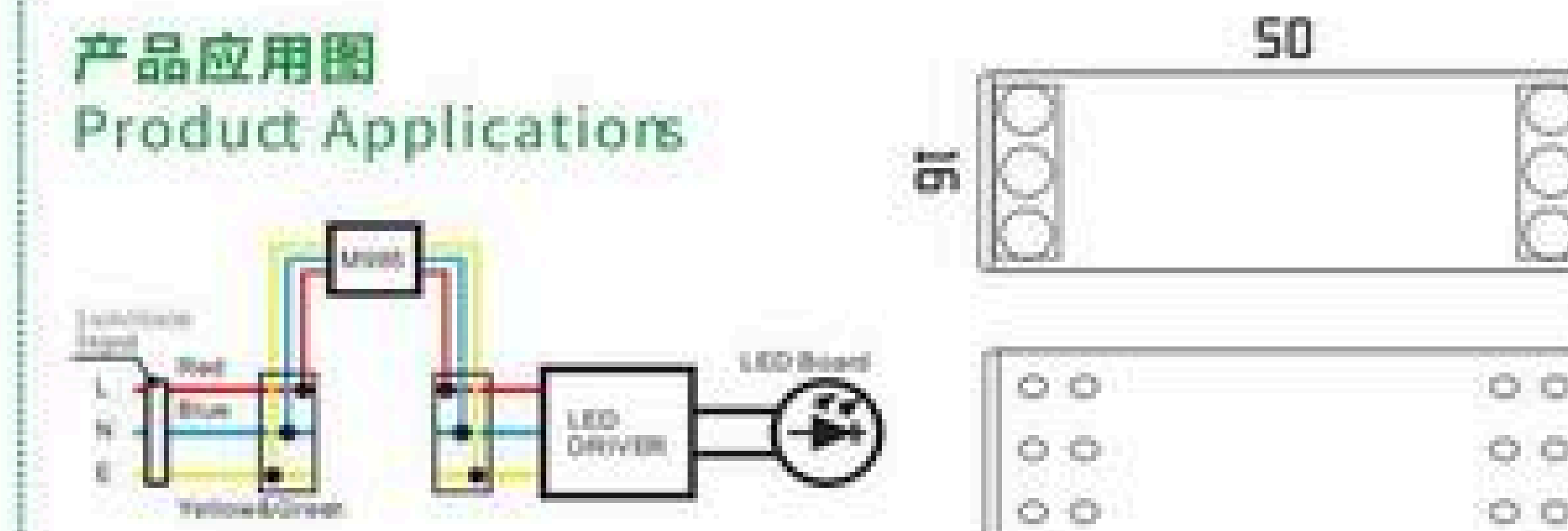
型号/Model	M970
产品尺寸/Product Size	82mm*54.69mm
额定输出/Rated power	120-277VAC 60Hz
应用/Application	100W CFL(节能灯)/LED lamp(LED 灯) 1000VA electronic ballast (电子镇流器) or LED driver(驱动器)
防护等级/IP code	IP66
环境温度/Temperature range	50°C
响应时间/Response time	30 Seconds



M985
过压保护器
Overvoltage protector



产品应用图
Product Applications



规格/Datasheet	工作电压/Uc	最大持续工作电压 Mcov	冲击电压/Uoc	保护电压/Up	标准放电电流 In(8/20uS)	最大放电电流 Imax(8/20uS)
欧规/CE	100-277VAC 50/60Hz	277V	2.5kV	775V	1.2kA	2.0kA



接线器系列

CONNECTOR SERIES



接线器系列能够广泛的应用于各种需要通电的场合，有螺丝式、快接式及适用于PCB板的推动式接线器，接线方便安全可靠。外壳绝缘层全部采用防火阻燃材料，精工制作。取得了各项安规认证，如：ENEC, CE, CB, UKCA, CQC等。

The connector series is widely applicable in various power connection scenarios, offering screw-type, quick-connect, and push-in connectors for PCB boards. Designed for easy and secure wiring, they ensure safety and reliability. The outer insulation layer is made of fire-resistant and flame-retardant materials with fine craftsmanship. The products have obtained multiple safety certifications, including ENEC, CE, CB, UKCA, and CQC.



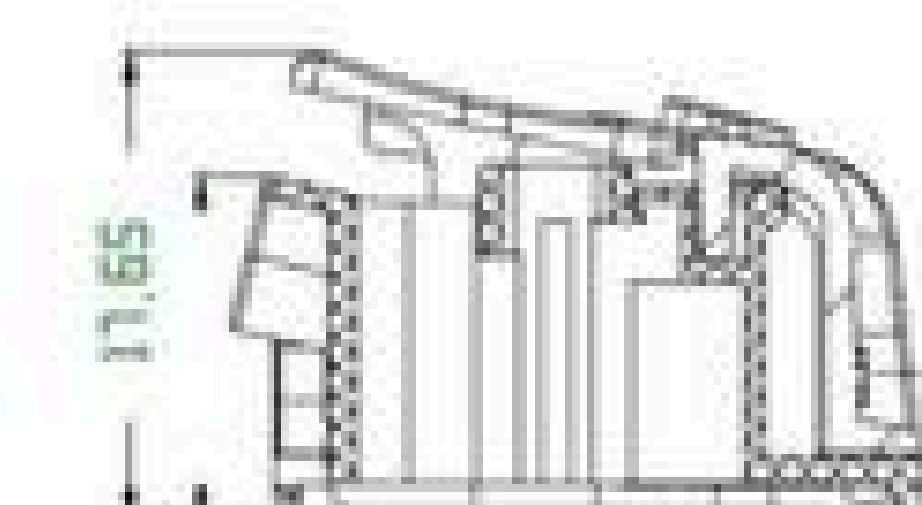
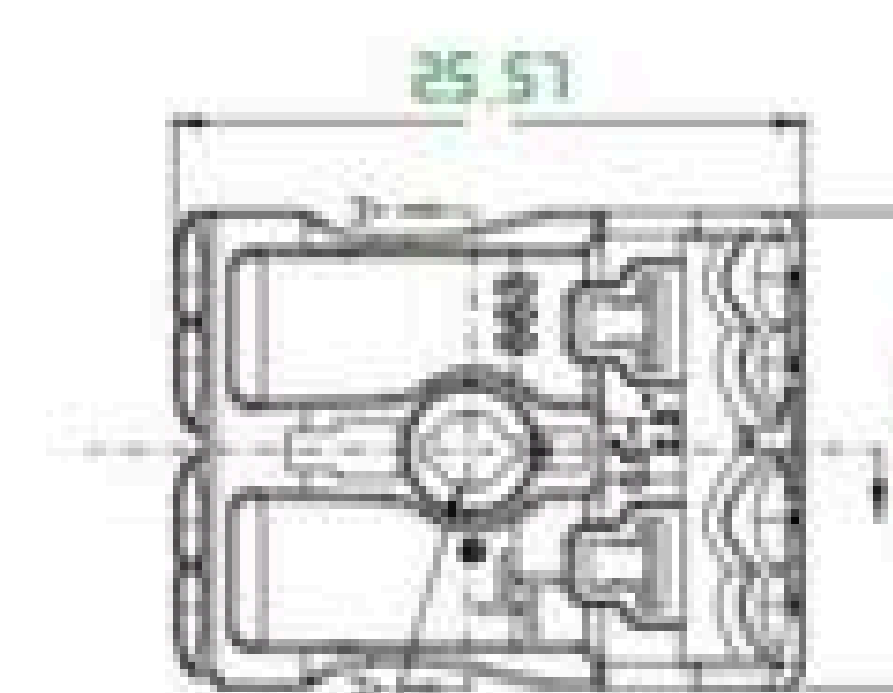
863无螺纹接线器/ Push wire connector

可配接地片
Earth tag compatible

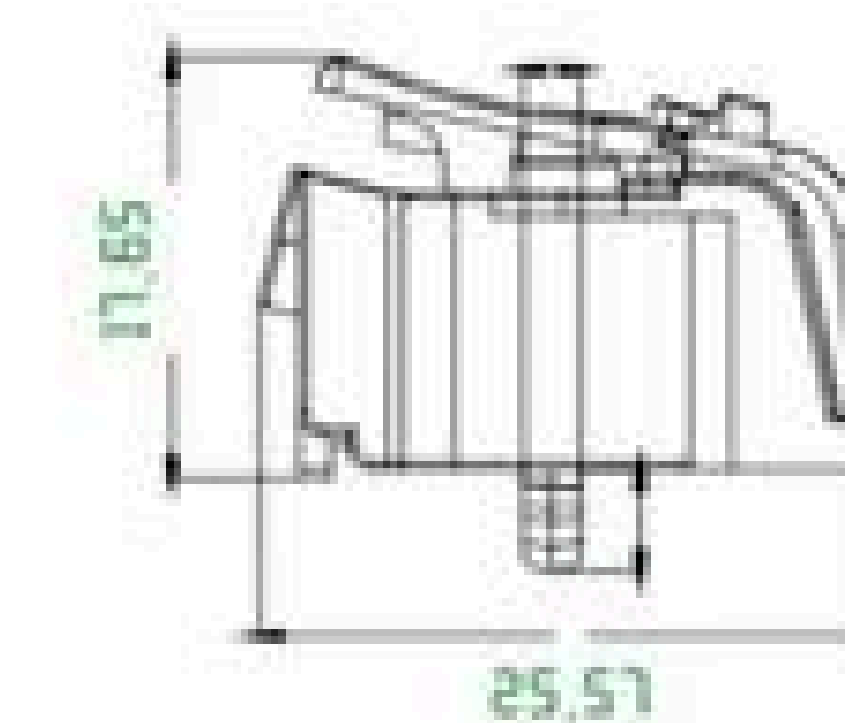
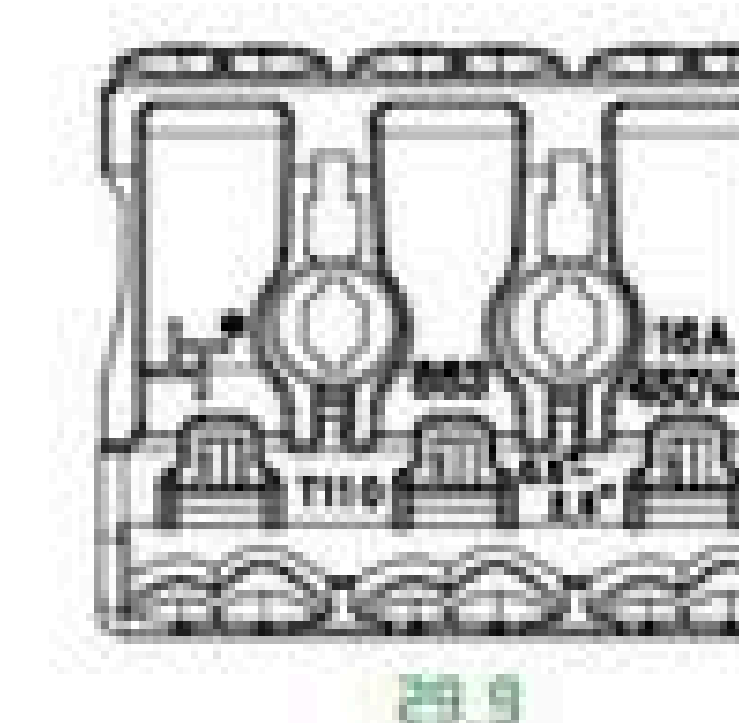
"J"型固定卡扣可选
"J" type fixing-snaps optional



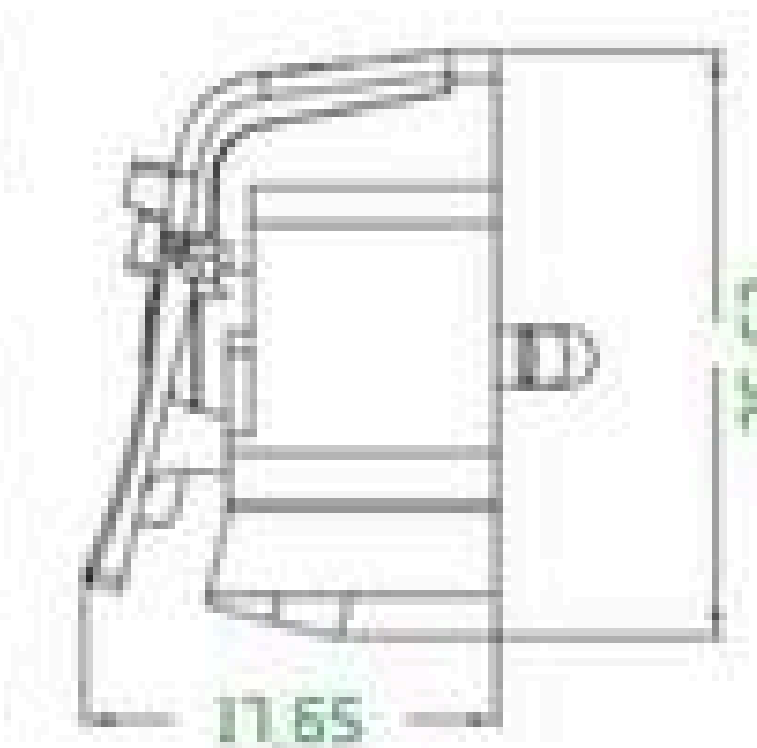
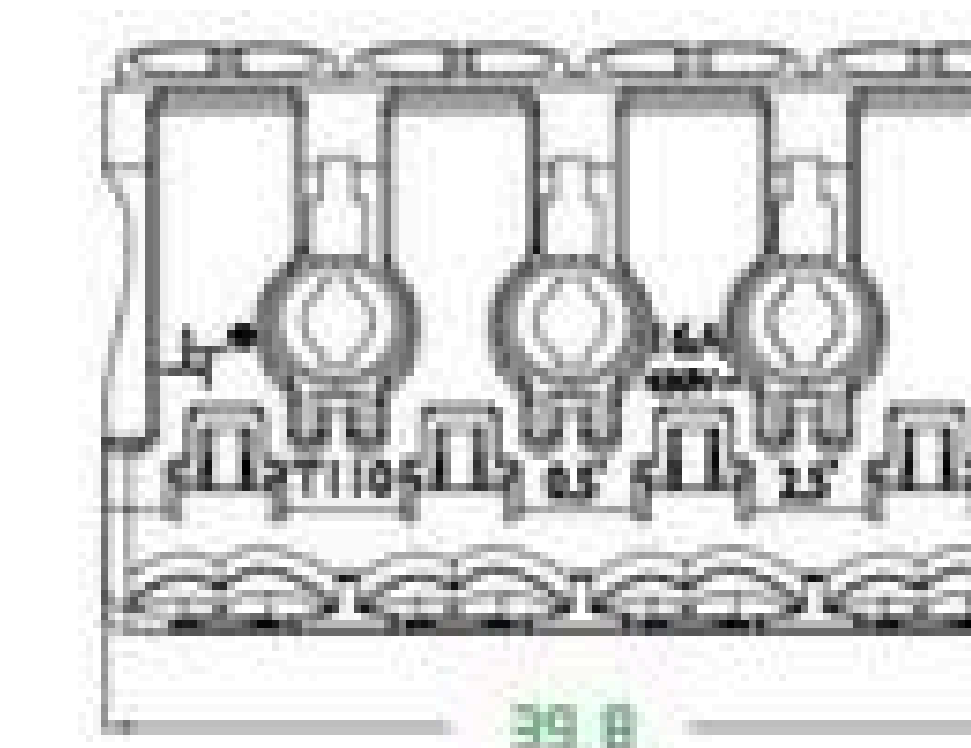
863-2



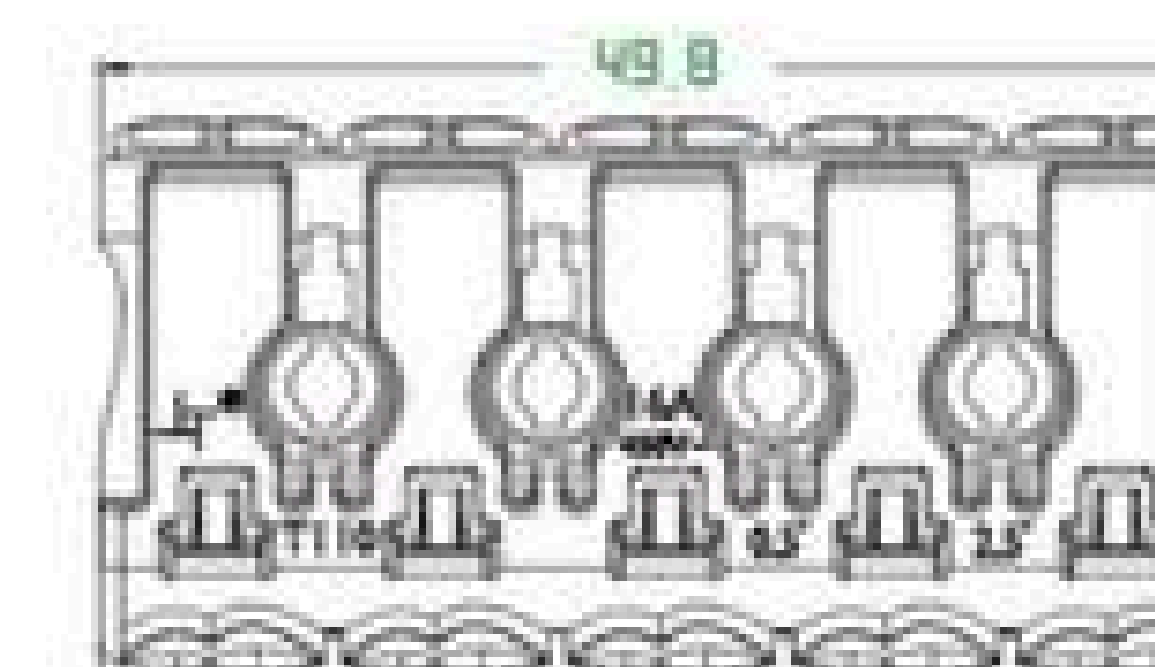
863-3



863-4

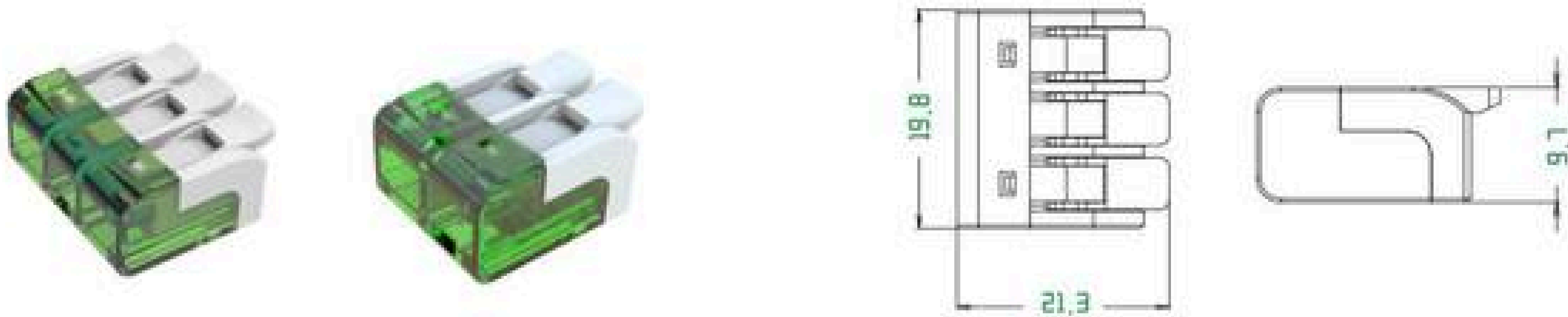


863-5



型号/Model	产品尺寸 Product dimensions	接线范围 Rated connecting capacity	环境温度 Temperature range	额定输出 Rated power	壳体 Housing
863-2	19.8mm*25.57mm*17.65mm 参考实际尺寸 Refer to actual dimensions	0.5~2.5mm ²	T110(IEC) T75(ETL)	16A 450VAC(IEC) 16A 300VAC(ETL)	UL94-V2 防火阻燃 Fire and flame retardant
863-3	29.9mm*25.57mm*17.65mm 参考实际尺寸 Refer to actual dimensions				
863-4	39.8mm*25.57mm*17.65mm 参考实际尺寸 Refer to actual dimensions				
863-5	49.8mm*25.57mm*17.65mm 参考实际尺寸 Refer to actual dimensions				

840无螺纹接线器/ Push wire connector



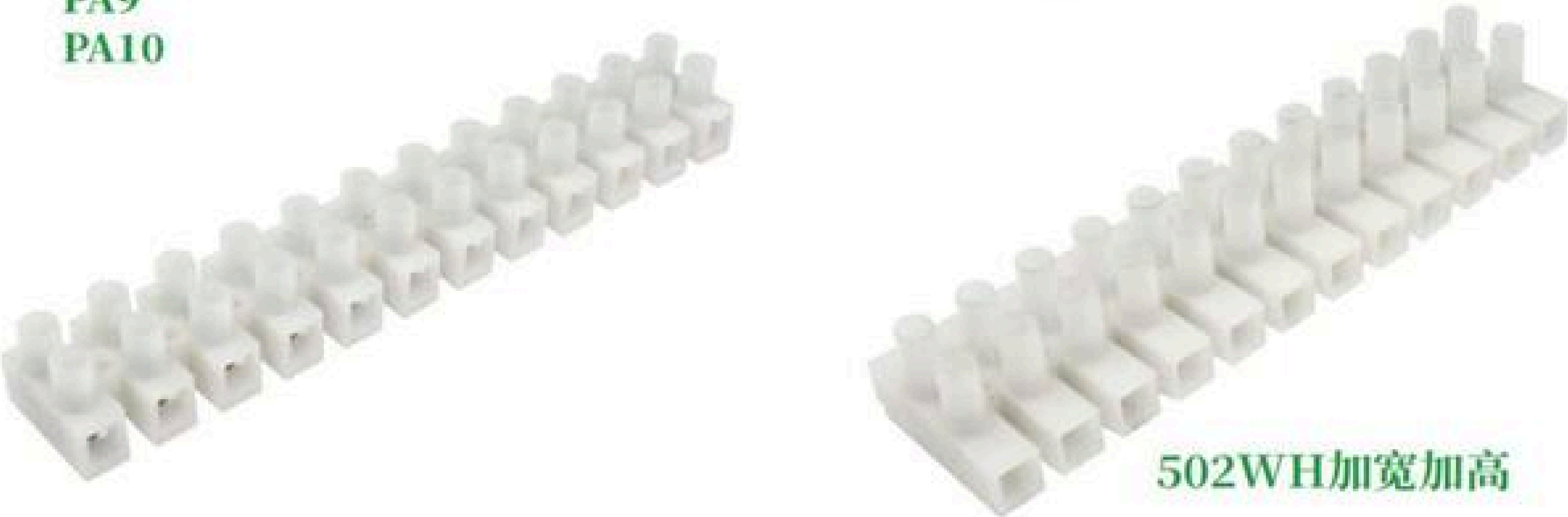
型号/Model	产品尺寸 Product dimensions	接线范围 Rated connecting capacity	环境温度 Temperature range	额定输出 Rated power	壳体 Housing
840	21.3mm*19.8mm*9.7mm 参考实际尺寸 Refer to actual dimensions	0.5~4.0mm²	T80(IEC)	32A 450VAC(IEC) 32A 300VAC(ETL)	UL94-V2 防火阻燃 Fire and flame retardant

PA系列端子台/PA series terminal blocks

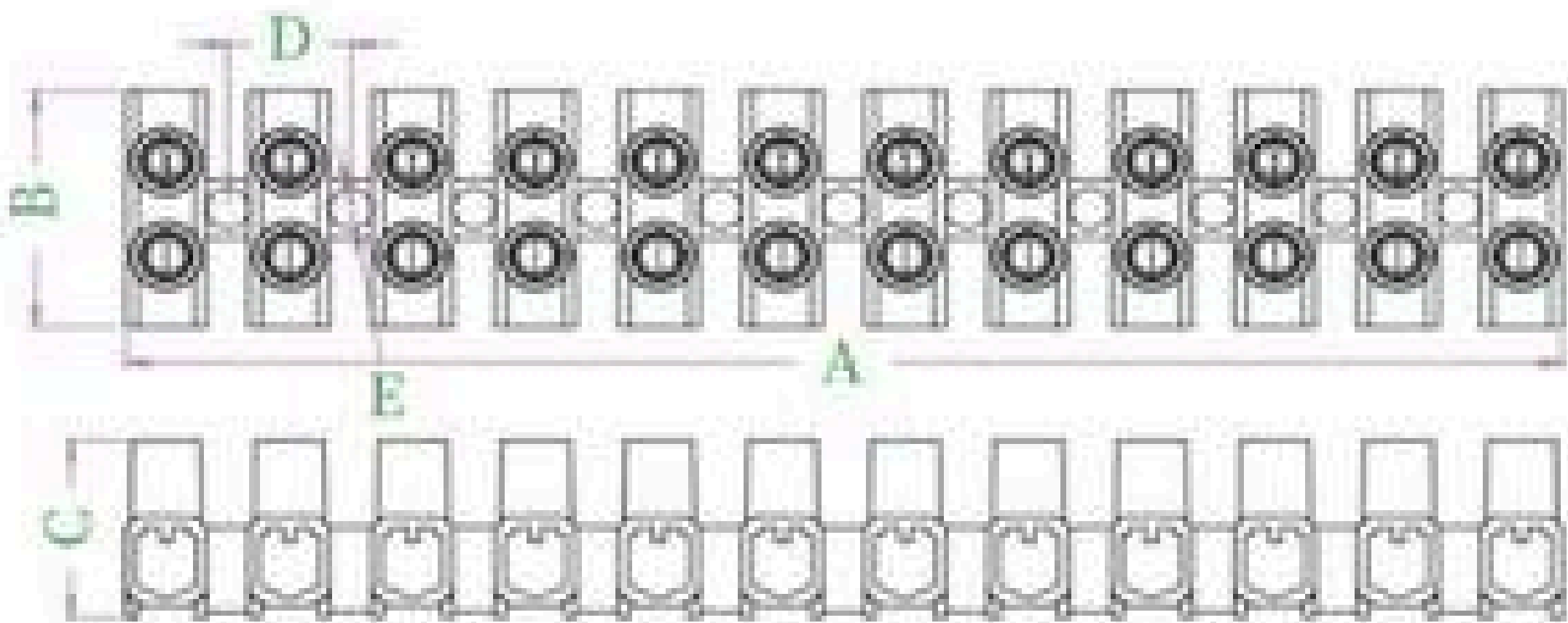


PA7
PA8
PA9
PA10

可分切成1-12位
1-12 poles cuttable

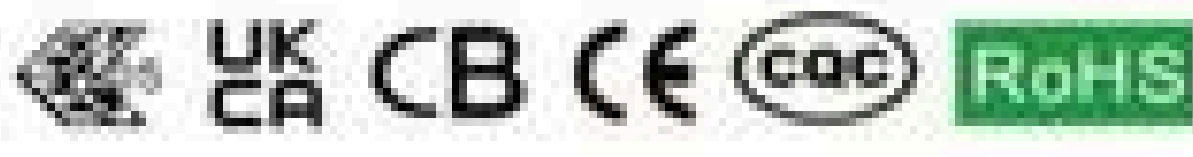


502WH加宽加高



型号/Model	安培/Amp	额定电压 Voltage	适用电线 Wire Range	尺寸/Dimensions(mm)				
				A	B	C	D	E
PA7	17.5A	450VAC	0.5-2.5mm²	95.8	17.0	15.0	8.0	2.9
PA8	17.5A	450VAC	0.5-2.5mm²	95.8	18.0	13.3	8.0	2.9
PA9	24A	450VAC	0.5-4.0mm²	117.5	20.0	17.0	10.0	3.5
PA10	24A	450VAC	0.5-4.0mm²	117.5	20.0	15.5	10.0	3.5
502	24A	450VAC	0.5-4.0mm²	116.6	30.5	21.5	8.25	3.5

861



型号/Model	产品尺寸 Product dimensions	接线范围 Rated connecting capacity	环境温度 Temperature range	额定输出 Rated power	接线芯数 Number of poles
861	23mm*12.7mm*8.3mm 参考实际尺寸 Refer to actual dimensions	0.5~2.5mm²(硬线rigid)	T110(IEC) T75(ETL)	24A 450VAC(IEC)	1-3P

插拔式连接器/Pluggable connectors



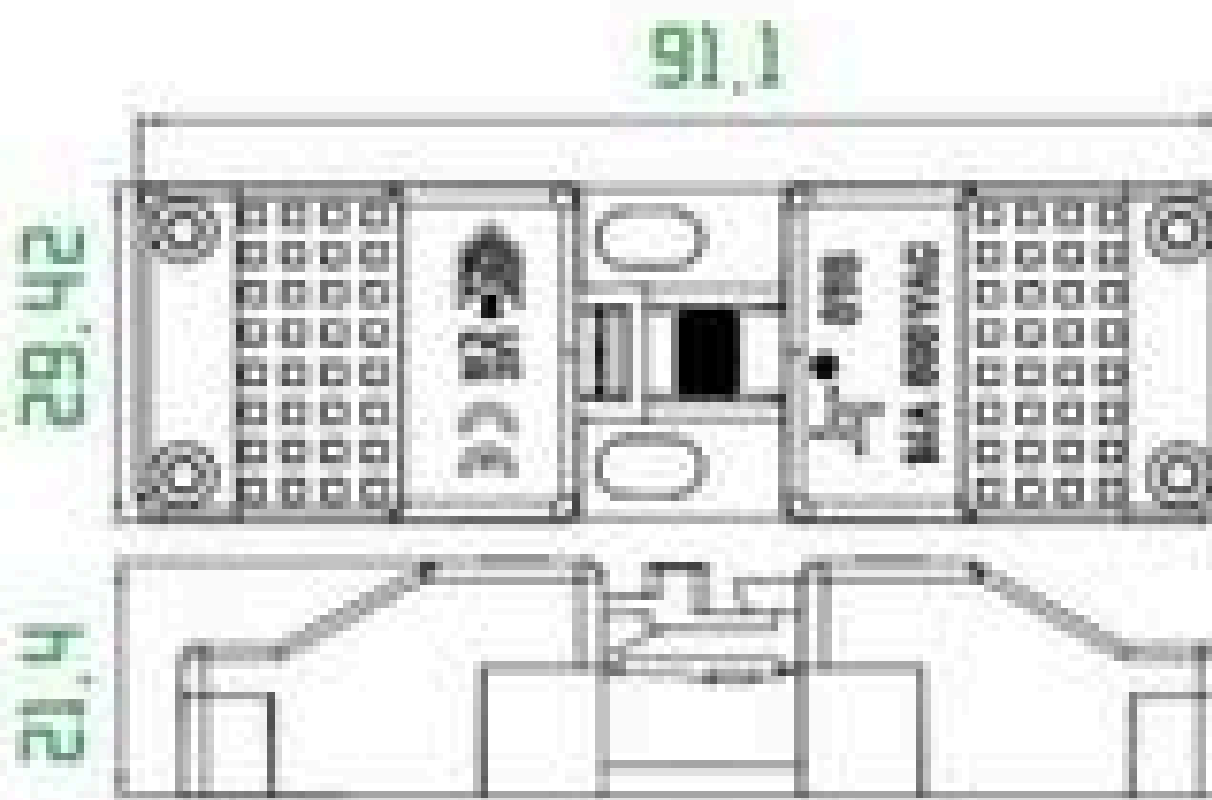
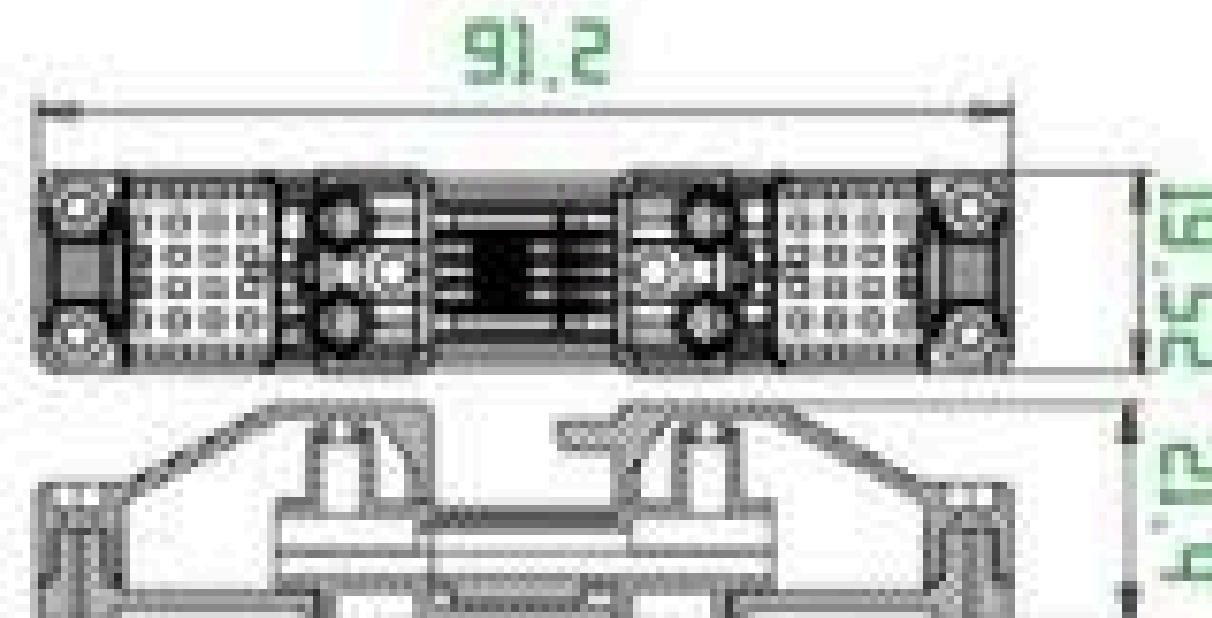
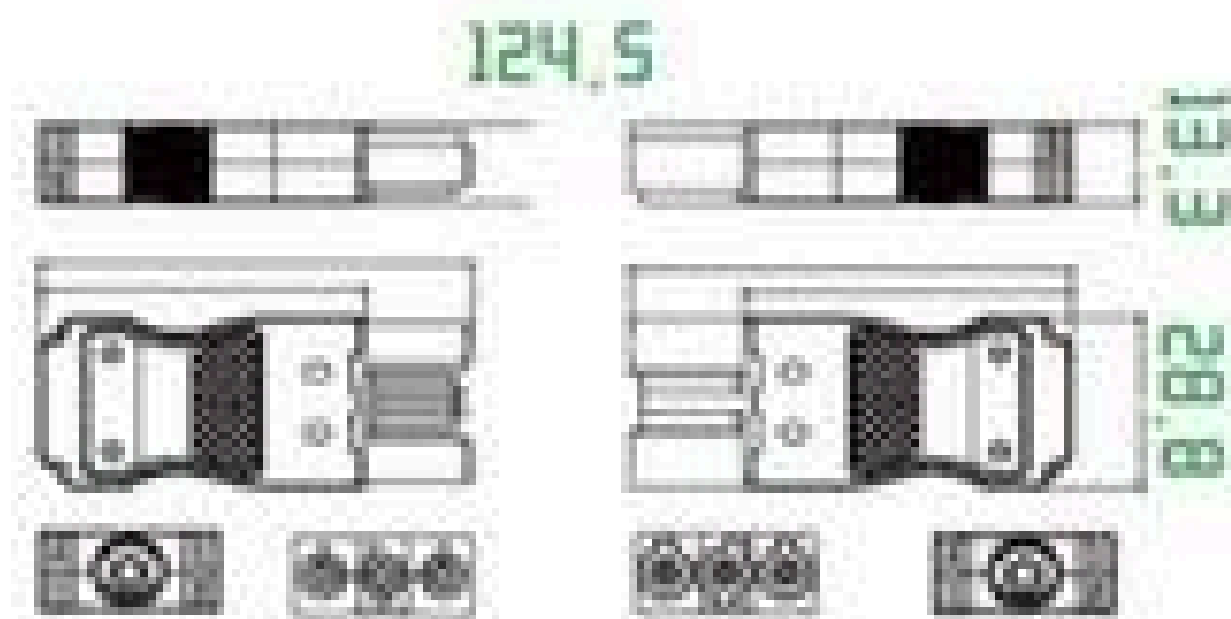
896
*3P



898
*2P



898
*3P



型号/Model	防护等级/IP code	额定输出/Rated power	接线范围 Rated connecting capacity	接线芯数 Number of poles	环境温度 Temperature range	产品尺寸/Product dimensions
896-3	IP30	IEC/NSW:16A 500VAC	0.5~1.5mm²	3P	T125	124.5mm*28.8mm*13.3mm 参考实际尺寸/Refer to actual dimensions
898-2	IP30	IEC/NSW:16A 500VAC	0.5~1.5mm²	2P	T125	91.2mm*19.5mm*21.4mm 参考实际尺寸/Refer to actual dimensions
898-3	IP30	IEC/NSW:16A 500VAC	0.5~1.5mm²	3P	T125	91.1mm*29.4mm*21.4mm 参考实际尺寸/Refer to actual dimensions



IP68光伏专用连接器
PV special connector
适用4.0mm² & 6.0mm²

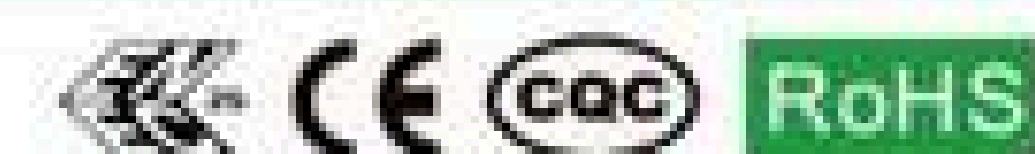


M8612 2P

New



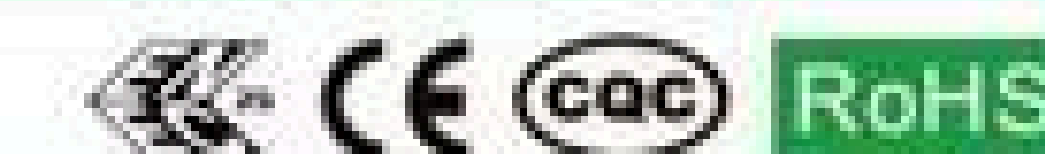
10A 250VAC(IEC)



M2215/MK1282 2P
M2315/MK1283 3P



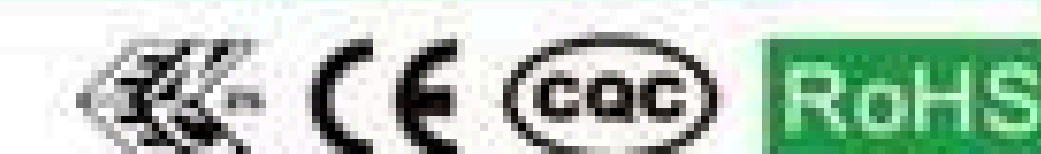
10A 250VAC(IEC)



MK254
3P



10A 250VAC(IEC)



M029
3P



24A 250VAC(IEC)



M605
2P



24A 450VAC(IEC)



M606
3P



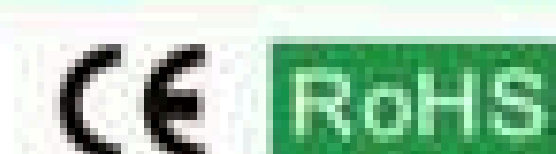
24A 450VAC(IEC)



M608
2P



24A 450VAC(IEC)



M609
3P



24A 450VAC(IEC)



M622
2P



16A 450VAC(IEC)



M623
3P



16A 450VAC(IEC)



M624
4P



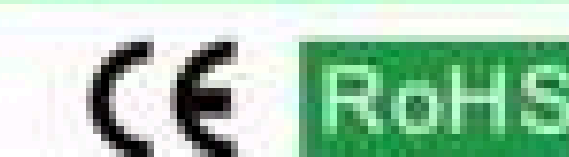
16A 450VAC(IEC)



M6352/M6332
3P
5P



16A 450VAC(IEC)



M644/IP44
2P
3P



0.5-0.75mm² 9A 250VAC(IEC)

UK CB CE RoHS

M654/IP54
2P
3P
4P



0.5-1.5mm² 16A 450VAC(IEC)

UK CB CE RoHS

M656/IP54
2P
3P



0.5-0.75mm² 9A 250VAC(IEC)

UK CB CE RoHS

M666/IP66
3P



0.5-2.5mm² 24A 450VAC(IEC)

UK CB CE RoHS

M200
New



2⊙2A 250VAC(IEC) 3A 125VAC(ETL) T85

UK CB CE CQC RoHS

M200
Old



2⊙2A 250VAC(IEC) 3A 125VAC(ETL) T85

UK CB CE CQC RoHS

M226



2⊙2A 250VAC(IEC) T85/55 1E4

UK CB CE CQC RoHS

707



2⊙2A 6A 250VAC(IEC) T85/55 1E4

UK CB CE CQC RoHS

717



2A 250VAC(IEC) 125VAC 150W(ETL) T55

UK CB CE CQC RoHS

727



2A 250VAC(IEC) 1A 125VAC(ETL)

UK CB CE CQC RoHS

737



2A 250VAC(IEC)

UK CB CE CQC RoHS

777



2A 250VAC(IEC) T55

UK CB CE CQC RoHS

资质认证



ACCREDITATION 资质认证



The company has obtained ISO9001, IATF16949, ISO13485, FDA and other certifications to provide customers with satisfactory services. **pvlink** services are widely praised in domestic and foreign markets. Whether seeking OEM service or application engineering support, customers can discuss procurement needs or new ideas with the technical service team.

专利认证 / Patent authentication

