	版本履历 Version History				
版本 Version	**内容 Content**	**编制 Preparer**	**审核 Reviewer**	**批准 Approver**	**日期 Date**
A	新制	乔朔	李彦强	夏心俊	2026.3.16
B	1、增加版本履历信息 2、取消底部盖板，优化螺栓结构、供电接口结构 3、变更产品实物图片、变更外型尺寸图片	乔朔	李彦强	夏心俊	2026.5.6
C	1、增加外部触发功能 2、优化供电及外部触发接口结构 3、调整指示灯结构及指示灯说明 4、更新控制器参数，补充部分产品参数 5、变更产品实物图片、外型尺寸图片	乔朔	李彦强	夏心俊	2026.8.6

产品信息 General Information

双触发模式 Hybrid Trigger Mode

最大通流可至 500A Maximum Continuous Current 500A

快速分断不可逆 Quick Irreversible Separation

温升功耗低 Low Temperature Rise & Power Consumption

应用场景：光伏逆变器、储能系统等
Applications: Photovoltaic Inverters, Energy Storage Systems, etc



产品认证 Certificates

RoHS

产品参数 Parameter

基础参数 Basic Parameters	
额定电压 Rated Voltage	1500V
额定电流 Rated Current (In)	400A
载流能力 Continuous Current	≤500A
温升 Temperature Rise	< 50K@In
分断能力 Breaking Capacity	
最大分断 Maximum Breaking	30kA@3ms
最小分断 Minimum Breaking	400A@2.5mH
最大电感 Minimum Inductance	≤ 2.5mH
动作时间 Operating Time	1ms
母排 Busbar	
材质 Material	紫铜 Copper
镀层 Plating	锡 Tin
横截面 Cross Section	120mm^2
分断前阻值 Before Ops Resistance	59±6μΩ
分断后阻值 After Ops Resistance	≥10MΩ

控制器参数 Controller Parameters	Min	Type	Max
供电电压 Supply Voltage	20V	24V	28V
供电电流 Supply Current	0.1A	1A	
外部触发电压 External Trigger Voltage		15V	
过流触发阈值 Trigger Threshold		1.35In	
电流检测范围 Measurement Range	-950A		950A
电流测量精度 Measurement Accuracy		±5%	

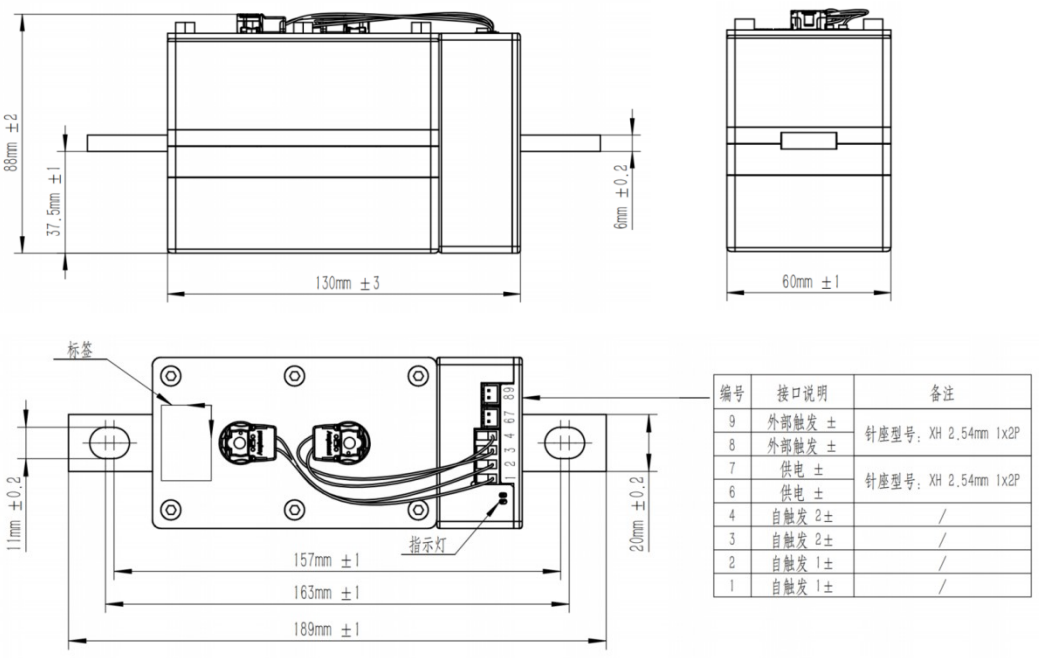
安装 Installation	
安装螺栓 Bolt	M10
安装扭力 Torque	21±1N·m
安装需要在厂商指导下完成 Product Installation Must Be Completed under the Guidance of the Manufacturer	

其他 Others	
重量 Weight	≤1100g
工作温度 Operating Temperature	-40℃ ~ +85℃
储存温度 Storage Temperature	-40℃ ~ +70℃

指示灯说明 Indicator Light Explanation	
未供电 No Power Supply	灯不亮 lamp light isn't on
正常工作 Normal Operation	绿灯和红灯亮 Green&Red lamp light on
已动作 Already Acted	绿灯亮 Only Green lamp light on

外型尺寸 Dimensions

单位 Unit：mm



编号	接口说明	备注
9	外部触发 ±	针座型号：XH 2.54mm 1x2P
8	外部触发 ±	
7	供电 ±	针座型号：XH 2.54mm 1x2P
6	供电 ±	
4	自触发 2±	/
3	自触发 2±	/
2	自触发 1±	/
1	自触发 1±	/

Contact Information

No.1001, Shiwan(7) Road, Pudong District, Shanghai, P.R.China.201207

Tel: 86-21-50310888 Fax: 86-21-50757680 Email: market@way-on.com

WAYON website: http://www.way-on.com

For additional information, please contact your local Sales Representative.

WAYON® is registered trademark of Wayon Corporation.

Product Specification Statement

1.The product specification aims to provide users with a reference regarding various product parameters, performance, and usage. It presents certain aspects of the product's performance in graphical form and is intended solely for users to select product and make product comparisons, enabling users to better understand and evaluate the characteristics and advantages of the product. It does not constitute any commitment, warranty, or guarantee.

2.The product parameters described in the product specification are numerical values, characteristics, and functions obtained through actual testing or theoretical calculations of the product in an independent or ideal state. Due to the complexity of product applications and variations in test conditions and equipment, there may be slight fluctuations in parameter test values. WAYON shall not guarantee that the actual performance of the product when installed in the customer's system or equipment will be entirely consistent with the product specification, especially concerning dynamic parameters. It is recommended that users consult with professionals for product selection and system design. Users should also thoroughly validate and assess whether the actual parameters and performance when installed in their respective systems or equipment meet their requirements or expectations. Additionally, users should exercise caution in verifying product compatibility issues, and WAYON assumes no responsibility for the application of the product.

3.WAYON strives to provide accurate and up-to-date information to the best of our ability. However, due to technical, human, or other reasons, WAYON cannot guarantee that the information provided in the product specification is entirely accurate and error-free. WAYON shall not be held responsible for any losses or damages resulting from the use or reliance on any information in these product specifications. WAYON reserves the right to revise or update the product specification and the products at any time without prior notice, and the user's continued use of the product specification is considered an acceptance of these revisions and updates. Prior to purchasing and using the product, users should verify the above information with WAYON to ensure that the product specification is the most current, effective, and complete. If users are particularly concerned about product parameters, please consult WAYON in detail or request relevant product test reports. Any data not explicitly mentioned in the product specification shall be subject to separate agreement.

4.Users are advised to pay attention to the parameter limit values specified in the product specification and maintain a certain margin in design or application to ensure that the product does not exceed the parameter limit values defined in the product specification. This precaution should be taken to avoid exceeding one or more of the limit values, which may result in permanent irreversible damage to the product, ultimately affecting the quality and reliability of the system or equipment.

5.The design of the product is intended to meet civilian needs and is not guaranteed for use in harsh environments or precision equipment. It is not recommended for use in systems or equipment such as medical devices, aircraft, nuclear power, and similar systems, where failures in these systems or equipment could reasonably be expected to result in personal injury. WAYON shall assume no responsibility for any consequences resulting from such usage.

6.Users should also comply with relevant laws, regulations, policies, and standards when using the product specification. Users are responsible for the risks and liabilities arising from the use of the product specification and must ensure that it is not used for illegal purposes. Additionally, users should respect the intellectual property rights related to the product specification and refrain from infringing upon any third-party legal rights. WAYON shall assume no responsibility for any disputes or controversies arising from the above-mentioned issues in any form.