

BV-63微型断路器

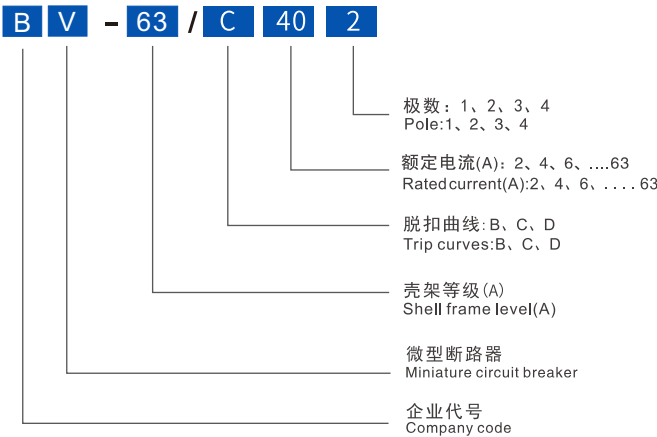
Miniature Circuit Breaker(MCB)

产品概述 Overview

BV-63系列微型断路器适用于交流50/60Hz，额定电压230V/400V，额定电流至63A的线路中，作过载和短路保护之用，正常情况下作为线路的不频繁操作转换之用，也可作为断开线路进行线路及设备维修的隔离开关使用。断路器适用于商业、高层和民用住宅等各种场所。

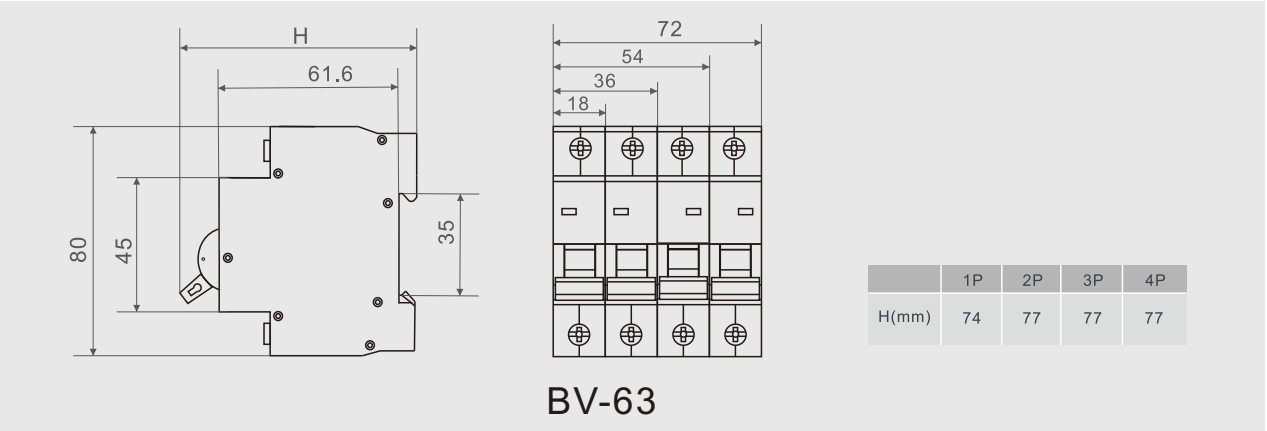
BV-63 series miniature circuit breakers are suitable for AC 50/60Hz, rated voltage 230V/400V, rated current up to 63A circuit, used for overload and short circuit protection, under normal circumstances as the line infrequent operation conversion, can also be used as disconnecting line for line and equipment maintenance. Circuit breaker is suitable for commercial, high-rise and residential buildings and other places.

产品选型 Product Selection



主要特性 Main Characteristic	
符合标准 Standard	IEC60898-1 GB10963.1
额定工作电压 (V) Rated working voltage (V)	AC230(1P)、AC230/400
分断能力 (kA) Short-circuit breaking capacity (kA)	4.5kA 、6kA
脱扣曲线 Trip curve	B(3In~5In) C(5In~10In) D(10In~14In)
额定电流 (A) Rated current (A)	2、4、6、10、16、20、25、32、40、50、63
极数 Pole	1、2、3、4
额定频率 (Hz) Rated frequency (Hz)	50/60

外形及安装尺寸 Outline Overall and Installation Dimensions



BV-63微型断路器

Miniature Circuit Breaker(MCB)



技术数据一览表 Technical Parameter

产品型号 Type	BV-63		
符合标准 Standard	IEC60898-1 GB10963.1		
产品功能 Functions	短路保护 Short-circuit protection	过载保护 Overload protection	隔离功能 Isolation function
壳架等级 (A) Frame current(A)	Inm		
极数 Pole	63		
额定电流 (A) Rated current(A)	1、2、3、4		
额定电压 (V) Rated voltage(V)	2、4、6、10、16、20、25、32、40、50、63		
额定绝缘电压 (V) Rated insulated voltage(V)	AC230(1P)、AC230/400		
额定冲击耐受电压 (kV) Rated impulse withstand voltage(kV)	AC500		
额定短路分断能力 Rated short-circuit breaking capacity	4		
额定极限短路分断能力 Rated ultimate short-circuit breaking capacity	4.5kA 、6kA		
额定运行短路分断能力 Rated operating short-circuit breaking capacity	4.5kA 、6kA		
脱扣曲线 Trip curve	B(3In~5In) C(5In~10In) D(10In~14In)		
脱扣形式 Release Form	热磁脱扣 Thermomagnetic release		
电气寿命(次) Electrical life	10000		
机械寿命(次) Mechanical life	20000		
污染等级 Pollution grade	2		
防护等级 Protection level	IP20		
环境温度 Temperature	-35°C ~ +70°C		
安装海拔高度 Altitude	不超过2000m Do not exceed 2000m		
接线端子 Wiring terminal	螺钉压接 Screw crimping		
最大接线能力 (mm ²) Max. connection capacity (mm ²)	25		
最大极限扭矩 (Nm) Max. ultimate torque (Nm)	2.5		
安装类别 Installation category	II、III		
安装方式 Installation method	TH35-7.5型标准导轨 TH37-7.5 type DIN rail		
接线方式 Incoming wiring method	上下均可 Can be installed up or down		

BVDC直流微型断路器

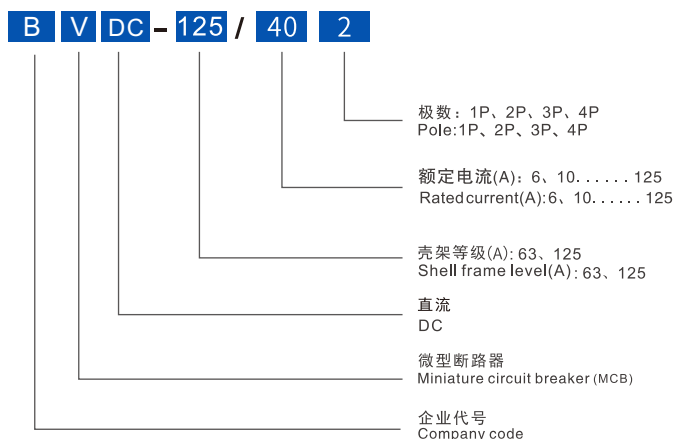
DC Miniature Circuit Breaker

产品概述 Overview

BVDC系列直流微型断路器适用于额定电压DC250~1000V，额定电流至125A的线路中作过载和短路保护用。该微型断路器可以迅速断开直流配电系统的故障电流，保护太阳能发电系统中的重要器件-光伏模块免受高直流反向电流和因逆变器故障导致的交流反馈电流的危害，保证了太阳能光伏发电系统可靠的运作。

BVDC series DC miniature circuit breaker is suitable for overload and short circuit protection in rated voltage DC 250-1000V, rated current up to 125A. The circuit breaker can quickly disconnect the fault current of the Dc distribution system, in order to protect the photovoltaic module from the harm of high DC reverse current and AC feedback current caused by the fault of the inverter, and ensure the reliable operation of the solar photovoltaic power generation system.

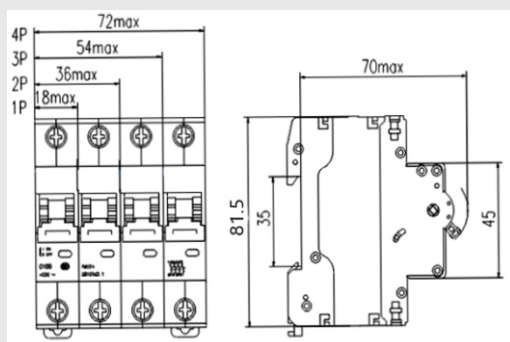
产品选型 Product Selection



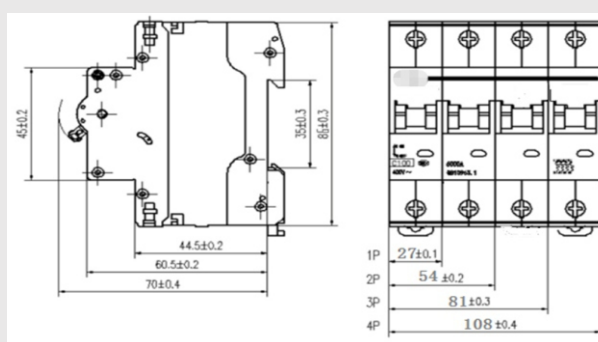
主要特性 Main Characteristic

符合标准 Standard	IEC 60947-1 GB14048-2 IEC60898-2 GB14048-1
额定电压 (V) Rated voltage (V)	DC250V(1P)、DC500V(2P)、DC750V(3P)、DC1000V(4P)
分断能力 (kA) Short-circuit breaking capacity (kA)	6kA
额定电流 (A) Rated current (A)	6、10、16、20、25、32、40、50、63、80、100、125
极数 Pole	1P、2P、3P、4P

外形及安装尺寸 Outline Overall and Installation Dimensions



BVDC-63



BVDC-125

BVDC 直流微型断路器

DC Miniature Circuit Breaker



技术参数 Technical parameters

型号 Model	BVDC-63		BVDC-125	
额定电流 (A) Rated current (A)	6、10、16、20、25、32、40、50、63		63、80、100、125	
极数 Pole number	1P、2P、3P、4P			
额定电压 (V) Rated voltage (V)	1P:DC250V	2P:DC500V	3P:DC750V	4P:DC1000V
额定短路能力Icn(kA)(T=4ms) Rated short-circuit capacity	6			
瞬时脱扣形式 Instantaneous trip form	配电保护 Distribution protection			
额定冲击耐受电压Uimp(kV) Rated impulse withstand voltage	4			
额定绝缘电压 (V) Rated insulation voltage	1200			
寿命 Life span	带载10000次，不带载20000次 Electrical life: 10000 times ,Mechanical life: 20000 times			
使用环境 Usage environment	环境温度：-25℃至+40℃ Ambient temperature :-25℃ to +40℃			
最大接线能力 Maximum connection capacity	25mm²			
符合标准 Meet the standard	IEC 60947-1 GB14048-2 IEC60898-2 GB14048-1			
污染等级 Pollution	2			
防护等级 Protection level	IP20			
环境温度 Temperature	-35℃ ~ +70℃			
安装海拔高度 Altitude	不超过2000m Do not exceed 2000m			
接线端子 Wiring terminal	螺钉压接 Screw crimping			
最大极限扭矩 (Nm) Max.ultimate torque(Nm)	2.5			
安装类别 Installation category	II、III			
安装方式 Installation method	TH35-7.5型标准导轨 TH37-7.5 type DIN rail			
接线方式 Incoming wiring method	上下均可 Can be installed up or down			

BVSP2直流电涌保护器(Type2)

DC Surge Protection Devices

产品概述 Overview

● DC电涌保护装置BVSP2适用于光伏应用。这些SPD按照EN 50539-11标准的光伏 T2等级进行设计和测试。指示前窗口帮助用户了解设备状态，远程信号端口可以提供远程指示和警报。插拔式模块设计使更换模块更加方便，无需断开设备连接。

DC Surge protection devices BVSP2 are suitable for photovoltaic applications. These SPDs are designed and tested according PV T2 class from EN 50539-11 standard. Indication front window helps users to know the status of device and remote-signal port is able to provide remote indication and alarm. Plug-in module design make it convenient to change module without device disconnection.



- 适用于光伏系统的直流电涌保护装置
DC Surge Protection Devices suitable for Photovoltaic systems
- PV T2 (II类, 2型, C) 级电涌保护器
PV T2 (Class II, Type 2, C) class SPDs
- 符合EN 50539-11产品标准
Meet requirements of EN 50539-11
- 标称放电电流每极20kA (8/20 μ s)
Nominal discharge current I_n 20 kA (8/20 μ s) per path
- 最大放电电流40kA (8/20 μ s)
Maximum discharge current I_{max} 40 kA (8/20 μ s)
- 最大连续工作直流电压600V-1500V
Max. continuous operational voltage U_{CPV} from 600 to 1500 V DC
- 适用于接地和不接地的光伏系统
For grounded and ungrounded PV systems
- 带有状态指示的插件模块设计
Plug-in module design with status indication
- 可选远程指示触点
Optional remote indication contact

型号解释 Model Explanation

BV	S	P	2	40	R	3P	600	M
企业代号 Company Code	电涌保护器 Surge Protection Device (SPD)	P: 直流 DC PG: 直流带放电管 DC with GDT	类别Class Type2 class II C	最大放电电流 I_{max} : (8/20) μ s 40kA	遥信附件 Signaling contact R: Yes □: No	1P: 1MU 2P: 2MU 3P: 3MU	最大工作电压 Max. oper. voltage 600V DC 750V DC 1000V DC 1200V DC 1500V DC	□: 完整产品 Complete device M: 模块插件 Plug-in module only

BVSP2直流电涌保护器(Type2)

电气参数 Electrical parameters												
型号 Type	BVSP2 40(R) 1P 600/750V		BVSP2 40(R) 2P 600/750V		BVSP2 40(R) 2P 1000/1200 1500V			BVSP2 40(R) 3P 1000/1200 1500V			BVSPG2 40 1P M 1000V	
符合标准Standards	EN 50539-11											
类别 Category IEC/VDE	PV T2 (Class II, C, Type 2)											
使用技术 Technology	压敏电阻 MOV (Varistor)										陶瓷放电管 GDT (Spark-gap)	
保护功能 Protection function	热保护thermal											
保护模式 Protection mode	+ → PE											
	- → PE											
	+ → -											
连接配置 Connection configuration	I		U		U			Y			Y	
额定工作电压Rated operational voltage Un (V)	600	750	600	750	1000	1200	1500	1000	1200	1500	1000	
最大持续直流工作电压 Max. continuous op.DC Voltage Ucpv (V)	600	750	600	750	1000	1200	1500	1000	1200	1500	-	
+ → PE, - → PE	600	750	1200	1500	1000	1200	1500	1000	1200	1500		
最大系统电压 Uoc max (V) (根据一般设计规则 IEC 62548, IEC/HD60364-7-712) Max.system voltage Uoc max (V) (according to general design rules IEC 62845, IEC/HD 60364-7-712)	545	680	545	680	905	1090	1365	905	1090	1365	1000	
标称频率 Nominal frequency f	DC											
标称放电电流 Nominal discharge current(8/20) In kA	20 kA											
最大放电电流 Max. discharge current(8/20) Imax kA	40 kA											
保护电压 Protection voltage Up at In (kV)	2.3	2.5	2.3	2.5	3.8	4.2	5	3.8	4.2	5	5.0	
+ → PE, - → PE	2.3	2.5	4.2	5.0	3.8	4.2	5	3.8	4.2	5		
+ → -												
最大备用保险丝 Max back-up fuse	125A gL/gG										-	

机械参数 Mechanical parameters	
工作温度范围 Operating temperature range	-40°C~+80°C
连接导线截面积 Cross-section of connection wire	单股Single-strand : 35mm ² ; 多股multi-strand : 25mm ²
螺丝扭矩 Torque applied by the screws	2.0-2.5 Nm
安 装 Installation	35mm安装导轨 DIN-rail , 符合标准 in accordance with : EN 50022/DIN46277-3
外壳材料 Enclosure material	热塑性塑料; 阻燃 thermoplastic ; extinguishing degree (UL94 V-0)
防护等级 Protection level	IP20
安装宽度 Installation width	1 个模块 modules , DIN 43880
热隔离开关 Thermal disconnector	Yes
远程报警 Remote alarm contact	Yes
远程报警附加附件 Additional data for Remote Alarm Contacts	关闭和打开 1.5mm ² /0.5Nm, max Closed and open
远程报警触点类型 Remote alarm contact type	隔离式 C IS olated Form C
切换能力 Switching capability Un/In	AC : 250V/0.5A DC : 250V/0.1A ; 125V/0.2A ; 75V/0.5A
最大导线安装截面 Max. Size of connecting wire	Max.1.5mm ² (or # 16 AWG)

BVSP2直流电涌保护器(Type2)

DC Surge Protection Devices

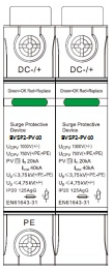
产品选型Product Selection

单极接地光伏系统成套设备 Complete devices for grounded PV systems, 1-pole



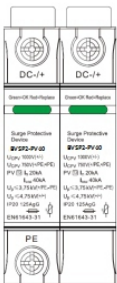
工作电压 Operating voltage	连接配置 Connection configuration	遥信附件 Signaling contact	型号 Type
600 V DC	I	NO	BVSP2 40 1P 600
600 V DC	I	YES	BVSP2 40R 1P 600
750 V DC	I	NO	BVSP2 40 1P 750
750 V DC	I	YES	BVSP2 40R 1P 750

两极接地光伏系统成套设备 Complete devices for grounded PV systems, 2-pole



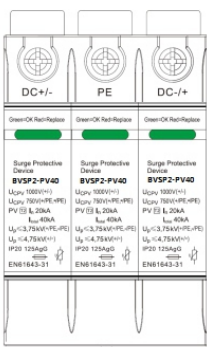
工作电压 Operating voltage	连接配置 Connection configuration	遥信附件 Signaling contact	型号 Type
600 V DC	U	NO	BVSP2 40 2P 600
600 V DC	U	YES	BVSP2 40R 2P 600
750 V DC	U	NO	BVSP2 40 2P 750
750 V DC	U	YES	BVSP2 40R 2P 750

两极接地光伏系统成套设备 Complete devices for grounded PV systems, 2-pole



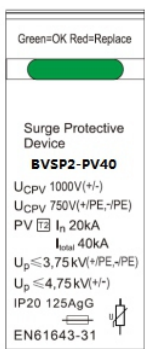
工作电压 Operating voltage	连接配置 Connection configuration	遥信附件 Signaling contact	型号 Type
1000 V DC	U	NO	BVSP2 40 2P 1000
1000 V DC	U	YES	BVSP2 40R 2P 1000
1200 V DC	U	NO	BVSP2 40 2P 1200
1200 V DC	U	YES	BVSP2 40R 2P 1200
1500 V DC	U	NO	BVSP2 40 2P 1500
1500 V DC	U	YES	BVSP2 40R 2P 1500

三极接地光伏系统成套设备 Complete devices for grounded PV systems, 3-pole



工作电压 Operating voltage	连接配置 Connection configuration	遥信附件 Signaling contact	型号 Type
1000 V DC	Y	NO	BVSP2 40 3P 1000
1000 V DC	Y	YES	BVSP2 40R 3P 1000
1000 V DC	Y	NO	BVSPG2 40 3P 1000
1000 V DC	Y	YES	BVSPG2 40R 3P 1000
1200 V DC	Y	NO	BVSP2 40 3P 1200
1200 V DC	Y	YES	BVSP2 40R 3P 1200
1500 V DC	Y	NO	BVSP2 40 3P 1500
1500 V DC	Y	YES	BVSP2 40R 3P 1500

模块插件 Spare plug-in module

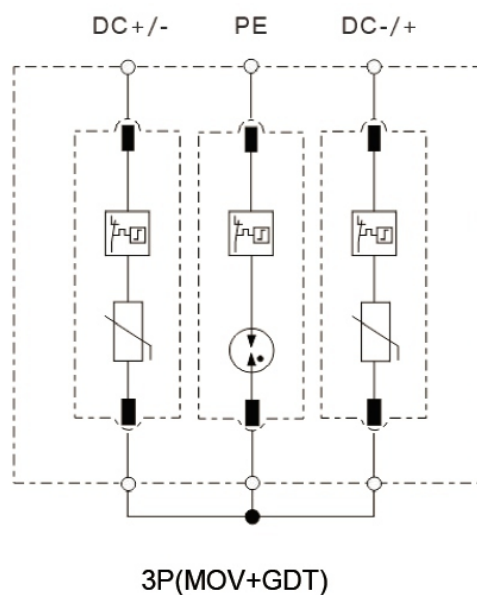
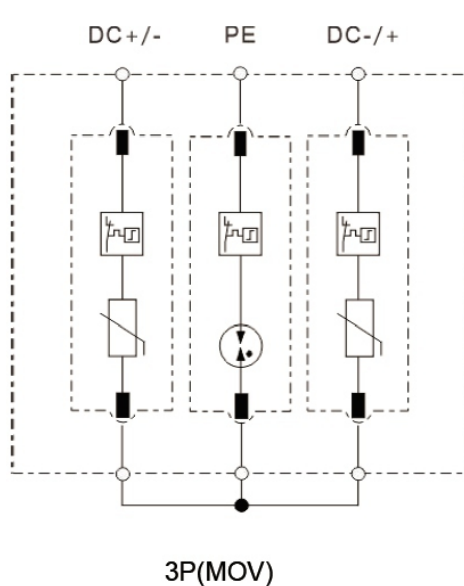
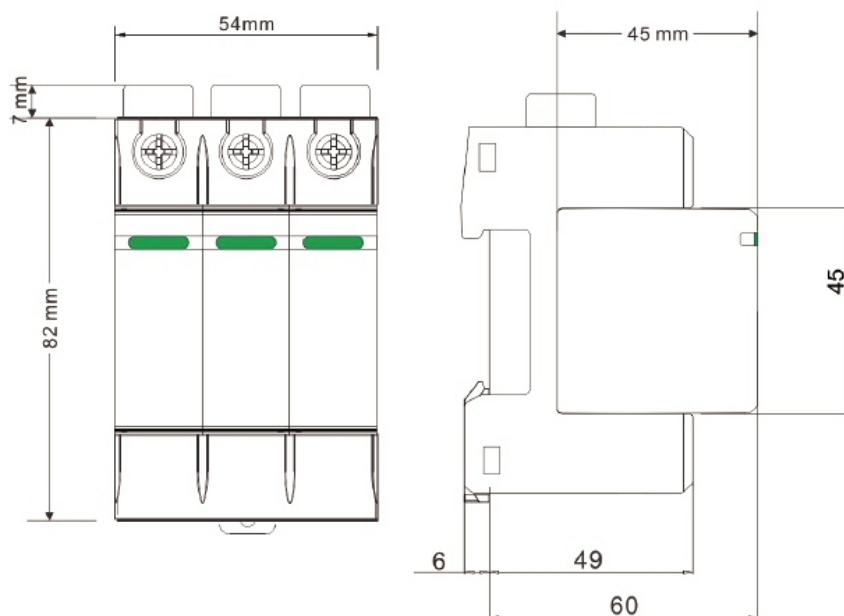


工作电压 Operating voltage	适用产品 Applicable product	型号 Type
600 V DC	BVSP2 40 1P 600	BVSP2 40 1P 600M
750 V DC	BVSP2 40 1P 750	BVSP2 40 1P 750M
600 V DC	BVSP2 40 2P 600	BVSP2 40 2P 600M
750 V DC	BVSP2 40 2P 750	BVSP2 40 2P 750M
1000 V DC	BVSP2 40 2P 1000	BVSP2 40 2P 1000M
1200 V DC	BVSP2 40 2P 1200	BVSP2 40 2P 1200M
1500 V DC	BVSP2 40 2P 1500	BVSP2 40 2P 1500M
1000 V DC	BVSP2 40R 3P 1000	BVSP2 40 3P 1000M
1000 V DC	BVSPG2 40 3P 1000	BVSPG2 40 3P 1000M
1200 V DC	BVSP2 40 3P 1200	BVSP2 40 3P 1200M
1500 V DC	BVSP2 40 3P 1500	BVSP2 40 3P 1500M

BVSP2直流电涌保护器(Type2)

DC Surge Protection Devices

安装尺寸示意图 Dimensions(mm)



BVSP 直流电涌保护器(Type1+2)

DC Surge Protection Devices

产品概述 Overview

● DC电涌保护装置BVSP1+2适用于光伏应用。这些SPD按照EN 50539-11标准的PV T2等级进行设计和测试。指示前窗口帮助用户了解设备状态，远程信号端口可以提供远程指示和警报。插拔式模块设计使更换模块更加方便，无需断开设备连接。

DC Surge protection devices BVSP 1+2 are suitable for photovoltaic applications. These SPDs are designed and tested according PV T2 class from EN 50539-11 standard. Indication front window helps users to know the status of device and remote-signal port is able to provide remote indication and alarm. Plug-in module design make it convenient to change module without device disconnection.



DC1500V

- 适用于光伏系统的直流电涌保护装置
DC Surge Protection Devices suitable for Photovoltaic systems
- PV T1+T2 (I+II类, 1+2型, B+C) 级电涌保护器
PV T1+T2 (Class I+II, Type 1+2, B+C) class SPDs
- 符合EN 50539-11产品标准
Meet requirements of EN 50539-11
- 标称放电电流每极25kA (8/20 μ s)
Nominal discharge current I_n 25 kA (8/20 μ s) per path
- 最大放电电流50kA(8/20 μ s)
Maximum discharge current I_{max} 50 kA (8/20 μ s)
- 最大连续工作直流电压500V-1500V
Max. continuous operational voltage UCPV from 500 to 1500 V DC
- 适用于接地和不接地的光伏系统
For grounded and ungrounded PV systems
- 带有状态指示的插件模块设计
Plug-in module design with status indication
- 脉冲放电电流12.5kA (10/350 μ s)
Impulse discharge current I_{imp} (total) 12.5 kA (10/350 μ s)

型号解释 Model Explanation

BV	S	P	1+2	50	R	3P	600	M
企业代号 Company Code	电涌保护器 Surge Protection Device (SPD)	P: 直流 DC PG: 直流带放电管 DC with GDT	类别Class Type1+2 class I+II B+C	最大放电电流 I_{max} : (8/20) μ s 50kA	遥信附件 Signaling contact R: Yes ☐ : No	1P:1MU 2P:2MU 3P:3MU	最大工作电压 Max.oper. voltage 500V DC 600V DC 750V DC 1000V DC 1200V DC 1500V DC	☐ :完整产品 Complete device M:模块插件 Plug-in module only

BVSP 直流电涌保护器(Type1+2)

DC Surge Protection Devices

电气参数 Electrical parameters														
型号 Type	BVSP1+2 50(R) 1P 500/650/750V			BVSP1+2 50(R) 2P 500/650/750V			BVSP1+2 50(R) 2P 1000/1200/1500V			BVSP1+2 50(R) 3P 1000/1200/1500V			BVSPG1+2 50 1P M 1000V	
符合标准 Standards	EN 50539-11													
类别 Category IEC/VDE	PV T1+T2 (Class I+ II, B+C, Type 1+2)													
使用技术 Technology	压敏电阻 MOV (Varistor)												陶瓷放电管 GDT (Spark-gap)	
保护功能 Protection function	热保护 thermal													
保护模式 Protection mode	+ → PE													
	- → PE													
	+ → -													
连接配置 Connection configuration	I			U			U			Y			Y	
额定工作电压 Rated operational voltage U_n (V)	500	600	750	500	600	750	1000	1200	1500	1000	1200	1500	1000	
最大持续直流工作电压 Max. continuous op.DC Voltage U_{cpv} (V) + → PE, - → PE	500	600	750	500	600	750	1000	1200	1500	1000	1200	1500	-	
标称频率 Nominal frequency f	DC													
标称放电电流 Nominal discharge current(8/20) I_n kA	25kA													
最大放电电流 Max. discharge current(8/20) I_{max} kA	50 kA													
保护电压 Protection voltage U_p at I_n (kV) + → PE, - → PE + → -	2.0	2.3	2.5	2.0	2.3	2.5	3.8	4.2	5.0	4.0	4.2	4.7	5.8	
脉冲电流 Impulse current I_{imp} (10/350 μ s) + → PE, - → PE + → -	6.25kA			6.25kA			6.25kA			6.25kA			6.25kA	
最大备用保险丝 Max.back-up fuse	125A gL/gG													
	-													

机械参数 Mechanical parameters	
工作温度范围 Operating temperature range	-40°C~+80°C
连接导线截面积 Cross-section of connection wire	单股 Single-strand : 35mm ² ; 多股 multi-strand : 25mm ²
螺丝扭矩 Torque applied by the screws	2.0-2.5 Nm
安装 Installation	35mm 安装导轨 DIN-rail , 符合标准 in accordance with : EN 50022/DIN46277-3
外壳材料 Enclosure material	热塑性塑料 ; 阻燃 thermoplastic ; extinguishing degree (UL94 V-0)
防护等级 Protection level	IP20
安装宽度 Installation width	1 个模块 modules , DIN 43880
热隔离开关 Thermal disconnecter	Yes
远程报警 Remote alarm contact	Yes
远程报警附加附件 Additional data for Remote Alarm Contacts	关闭和打开 1.5mm ² /0.5Nm, max Closed and open
远程报警触点类型 Remote alarm contact type	隔离式 C IS olated Form C
切换能力 Switching capability U_n/I_n	AC : 250V/0.5A DC : 250V/0.1A ; 125V/0.2A ; 75V/0.5A
最大导线安装截面 Max. Size of connecting wire	Max. 1.5mm ² (or # 16 AWG)

BVSP 直流电涌保护器(Type1+2)

DC Surge Protection Devices

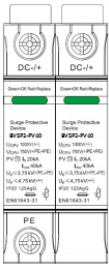
产品选型 Product Selection

单极接地光伏系统成套设备 Complete devices for grounded PV systems, 1-pole



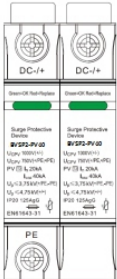
工作电压 Operating voltage	连接配置 Connection configuration	遥信附件 Signaling contact	型号 Type
500 V DC	I	NO	BVSP1+2 50 1P 500
500 V DC	I	YES	BVSP1+2 50R 1P 500
600 V DC	I	NO	BVSP1+2 50 1P 600
600 V DC	I	YES	BVSP1+2 50R 1P 600
750 V DC	I	NO	BVSP1+2 50 1P 750
750 V DC	I	YES	BVSP1+2 50R 1P 750

两极接地光伏系统成套设备 Complete devices for grounded PV systems, 2-pole



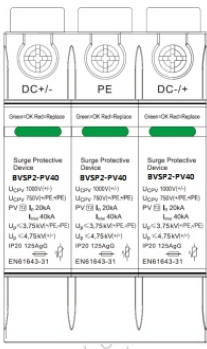
工作电压 Operating voltage	连接配置 Connection configuration	遥信附件 Signaling contact	型号 Type
500 V DC	U	NO	BVSP1+2 50 2P 500
500 V DC	U	YES	BVSP1+2 50R 2P 500
600 V DC	U	NO	BVSP1+2 50 2P 600
600 V DC	U	YES	BVSP1+2 50R 2P 600
750 V DC	U	NO	BVSP1+2 50 2P 750
750 V DC	U	YES	BVSP1+2 50R 2P 750

两极接地光伏系统成套设备 Complete devices for grounded PV systems, 2-pole



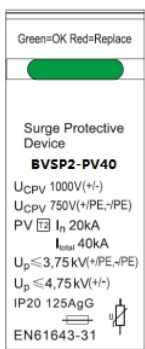
工作电压 Operating voltage	连接配置 Connection configuration	遥信附件 Signaling contact	型号 Type
1000 V DC	U	NO	BVSP1+2 50 2P 1000
1000 V DC	U	YES	BVSP1+2 50R 2P 1000
1200 V DC	U	NO	BVSP1+2 50 2P 1200
1200 V DC	U	YES	BVSP1+2 50R 2P 1200
1500 V DC	U	NO	BVSP1+2 50 2P 1500
1500 V DC	U	YES	BVSP1+2 50R 2P 1500

三极接地光伏系统成套设备 Complete devices for grounded PV systems, 3-pole



工作电压 Operating voltage	连接配置 Connection configuration	遥信附件 Signaling contact	型号 Type
1000 V DC	Y	NO	BVSP1+2 50 3P 1000
1000 V DC	Y	YES	BVSP1+2 50R 3P 1000
1000 V DC	Y	NO	BVSPG1+2 50 3P 1000
1000 V DC	Y	YES	BVSPG1+2 50R 3P 1000
1200 V DC	Y	NO	BVSP1+2 50 3P 1200
1200 V DC	Y	YES	BVSP1+2 50R 3P 1200
1500 V DC	Y	NO	BVSP1+2 50 3P 1500
1500 V DC	Y	YES	BVSP1+2 50R 3P 1500

模块插件 Spare plug-in module

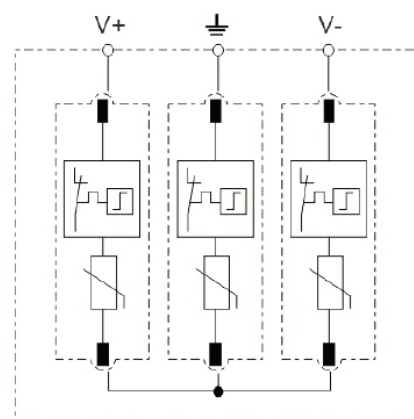
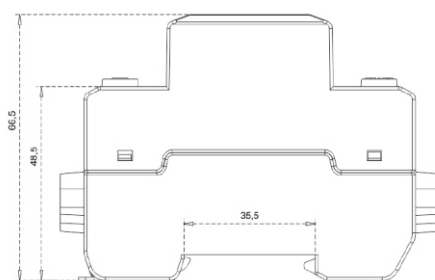
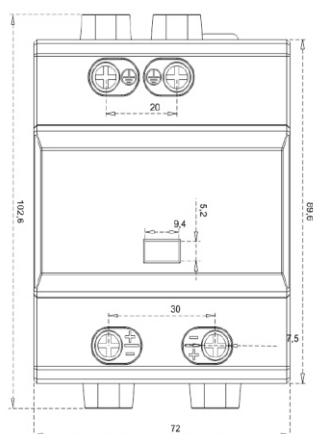
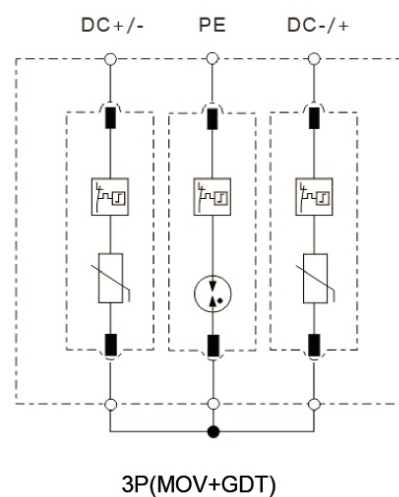
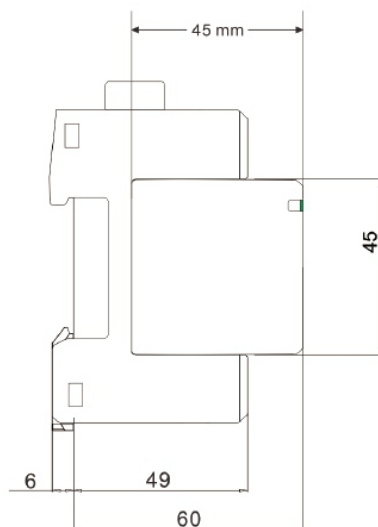
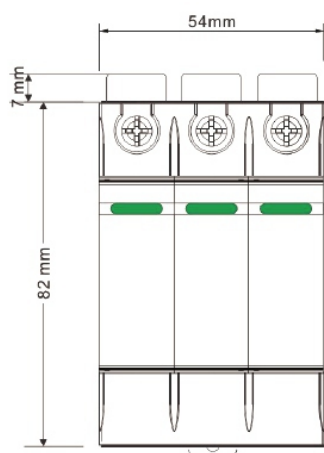


工作电压 Operating voltage	适用产品 Applicable product	型号 Type
500 V DC	BVSP1+2 50 1P 500	BVSP1+2 50 1P 500M
600 V DC	BVSP1+2 50 1P 600	BVSP1+2 50 1P 600M
750 V DC	BVSP1+2 50 2P 750	BVSP1+2 50 1P 750M
500 V DC	BVSP1+2 50 2P 500	BVSP1+2 50 2P 500M
600 V DC	BVSP1+2 50 2P 600	BVSP1+2 50 2P 600M
750 V DC	BVSP1+2 50 2P 750	BVSP1+2 50 2P 750M
1000 V DC	BVSP1+2 50 2P 1000	BVSP1+2 50 2P 1000M
1200 V DC	BVSP1+2 50R 3P 1200	BVSP1+2 50 2P 1200M
1500 V DC	BVSPG1+2 50 3P 1500	BVSP1+2 50 2P 1500M
1000 V DC	BVSP1+2 50 3P 1000	BVSP1+2 50 3P 1000M
1000 V DC	BVSP1+2 50 3P 1000	BVSPG1+2 50 3P 1000M
1200 V DC	BVSP1+2 50 3P 1200	BVSP1+2 50 3P 1200M
1500 V DC	BVSP1+2 50 3P 1500	BVSP1+2 50 3P 1500M

BVSP 直流电涌保护器(Type1+2)

DC Surge Protection Devices

安装尺寸示意图 Dimensions(mm)



PV 1500V(MOV)

1500V

BVFB 光伏熔断器

PV Fuses

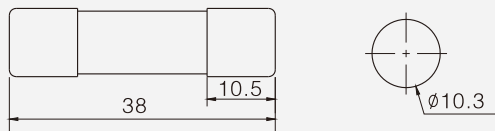
AORZ 光伏熔断器-技术参数

AORZ PV fuses - Technical parameters

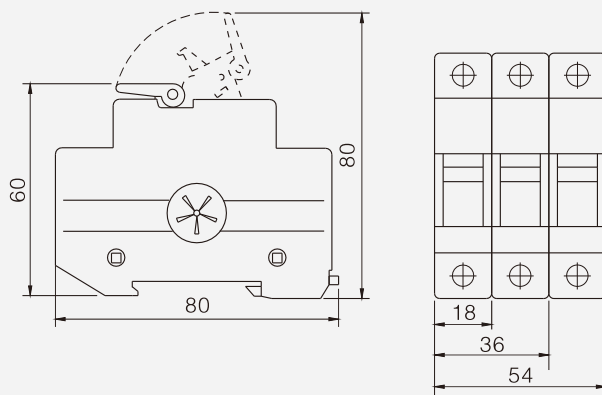


熔断器底座 Fuse base	BVFB-32	BVFB-32D	BVFB-63	BVFB-63D
指示灯功能 Indicator function	无NO	有YES	无NO	有YES
额定电压 Rated voltage (V)	1000V DC		1500V DC	
熔断体 Fuse link	BT-1038		BT-1085	BT-1485
电流范围 Current range (A)	1A 2A 3A 4A 5A 6A 8A 10A 12A 15A 16A 20A 25A 30A 32A		2A 3A 4A 5A 6A 8A 10A 12A 15A 20A 25A 30A 32A	8A 10A 12A 15A 16A 20A 25A 30A 32A 35A 40A 45A 50A
标准 Standard	IEC 60269-6			
分断能力 Breaking capacity	20kA		50kA	
时间常数 Time constant	1-3ms			
使用类别 Class of Operation	gPV			

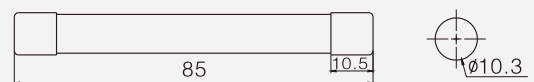
尺寸示意图 Dimensions(mm)



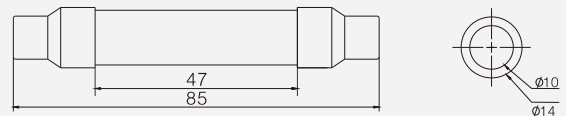
BT-1038



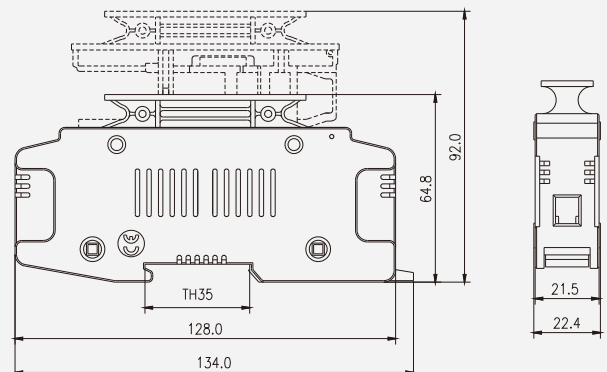
BVFB-32
(10X38)



BT-1085



BT-1485



BVFB-63
(10/14X85)

光伏连接器

PV Connector



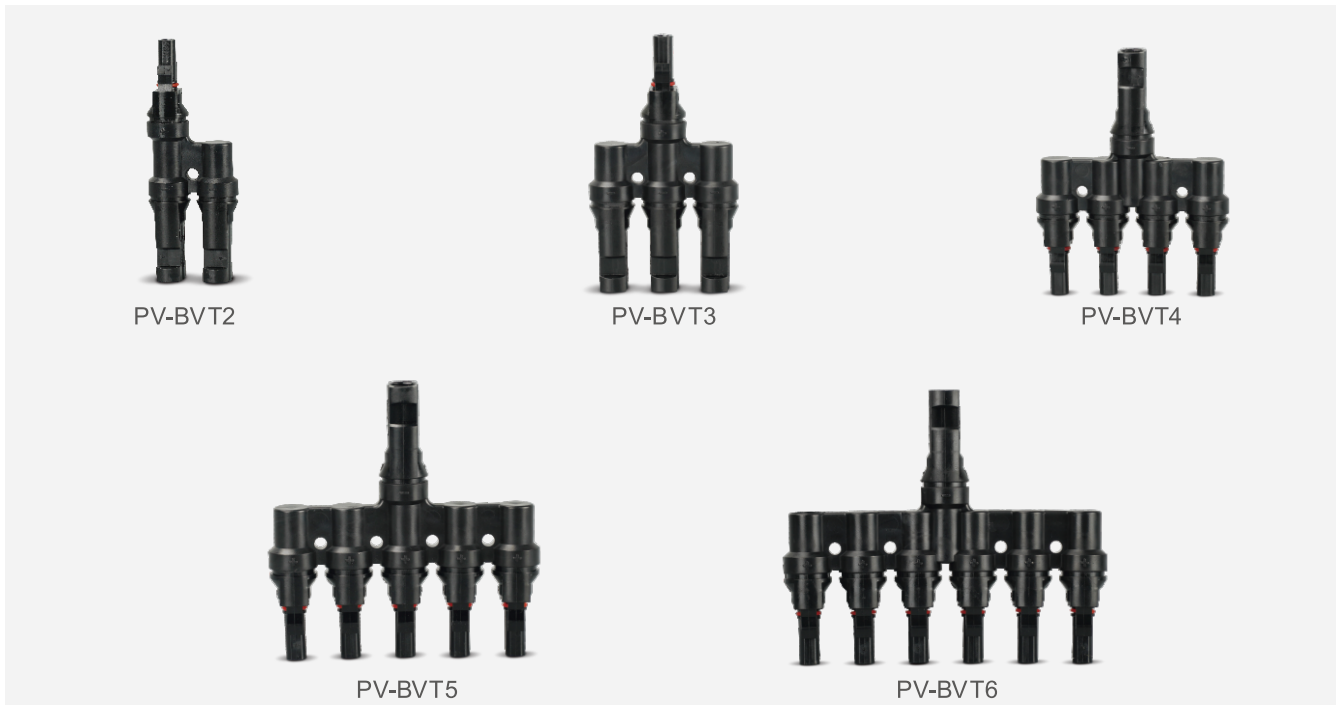
光伏连接器-技术参数

PV Connector - Technical parameters

主要技术参数 Main technical parameters	
额定电压 Rated voltage (V)	1000V/1500V DC
额定电流 Rated current (A)	30A(2.5mm ² , 4mm ² , 6mm ² ; 14AWG, 12AWG, 10AWG) 45A(4mm ² ; 6mm ² ; 12AWG, 10AWG) 60A(10mm ² ; 8AWG) 80A(16mm ² ; 7AWG)
测试电压 Test voltage	6kV(50HZ, 1min)
环境温度范围 Ambient temperature range	-40°C~+90°C(IEC) -40°F~+194°F(UL)
温度上限 Upper temperature limit	+105°C(IEC)
防护等级 Class of protection	Ip67
触摸保护,未插合状态 Touch protected, unplugged	IP2X
连接器接触阻抗 Connector contact impedance	0.5mΩ
安全等级 Safety level	II
端子材料 Terminal material	铜镀锡/铜镀银 Copper tin/copper silver
绝缘材料 Insulating material	PC/PPO
锁紧系统 Locking system	嵌入式 Snap-in
阻燃等级 Flame retardant grade	UL-94-Vo
腐蚀试验等级 Corrosion test grade	IEC 60068-2-52

光伏连接器

PV Connector



光伏连接器-技术参数

PV Connector - Technical parameters

主要技术参数 Main technical parameters	
额定电压 Rated voltage (V)	1000V (TUV) 600V (UL)
额定电流 Rated current (A)	50A
测试电压 Test voltage	6kV(50HZ,1min)
连接器接触阻抗 Connector contact impedance	<0.5mΩ
防护等级 Class of protection	IP67
环境温度范围 Ambient temperature range	-40℃~+85℃
阻燃等级 Flame retardant grade	UL-94-Vo
安全等级 Safety level	II
绝缘材料 Insulating material	PC/PPO
端子材料 Terminal material	黄铜铜棒 Brass rod
孔径 Aperture	φ4

光伏连接器

PV Connector



光伏连接器-技术参数

PV Connector - Technical parameters

主要技术参数 Main technical parameters	
额定电压 Rated voltage (V)	1000V DC(IEC) ¹
额定电流 Rated current (A)	30A
测试电压 Test voltage	6kV(50HZ,1min)
环境温度范围 Ambient temperature range	-40°C~+90°C(IEC) -40°F~+194°F(UL)
温度上限 Upper temperature limit	+105°C(IEC)
防护等级 Class of protection	IP67
触摸保护,未插合状态 Touch protected, unplugged	IP2X
连接器接触阻抗 Connector contact impedance	0.5mΩ
安全等级 Safety level	II
端子材料 Terminal material	铜镀锡/铜镀银 Copper tin/copper silver
绝缘材料 Insulating material	PC/PPO
锁紧系统 Locking system	嵌入式 Snap-in
阻燃等级 Flame retardant grade	UL-94-Vo
腐蚀试验等级 Corrosion test grade	IEC 60068-2-52