



SM8-250HPV

PV Specially Used DC molded case circuit breaker

SM8-250HPV series photovoltaic special DC molded case circuit breaker is suitable for DC grid circuit with rated voltage up to DC1500V and rated current of 250A. DC circuit breaker has overload long delay protection, short circuit instantaneous protection function, used to distribute electric energy and protect circuit and the power supply equipment is protected from the danger of overload, short circuit, etc.

The operating mechanism of the DC circuit breaker has the functions of quick closing and fast reading segmentation, compact structure, small size and convenient use.



Specifications

name	model	Attachment code	Attachment installation location	Control voltage
Auxiliary contact	AX	250PV	-	-
Alarm contact	AL	250PV	-	-
Shunt release	SHT	250HPV	right side installation	DC24V/AC230V/AC400V

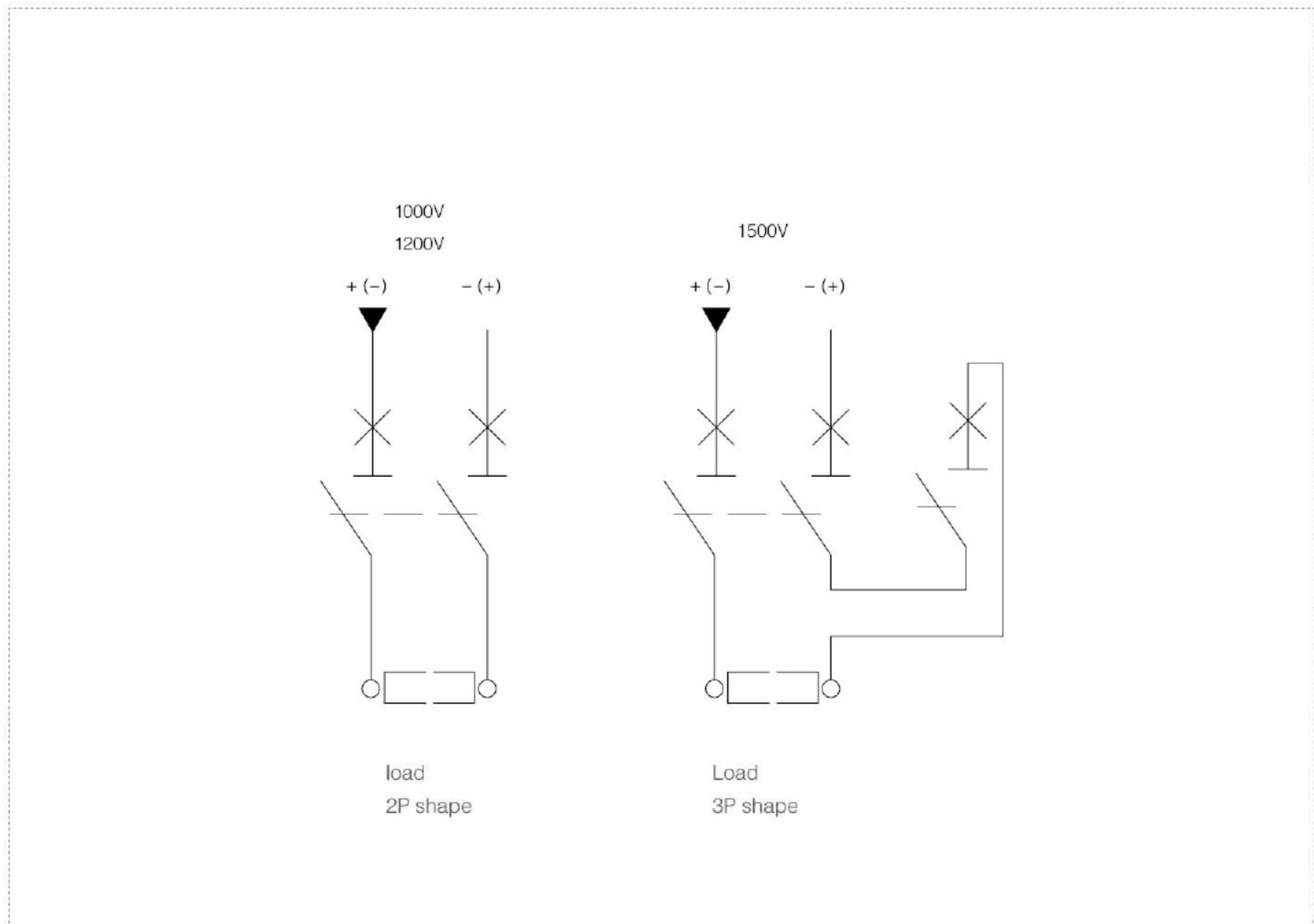
The main technical parameters

Product number	SM8-250HPV /2 1000V SM8-250HPV /2 1200V	SM8-250HPV /3 1500V
product name	PV DC MCCB PV DC MCCB	
Rated operating voltage Ue	DC1000V DC1200V	DC1500V
Rated insulation voltage Ui	1500V	1500V
Rated impulse voltage Uimp	12kV	12kV
Number of poles	2	3
Trip unit type	Thermomagnetic(Not adjustable), TMD Fixed	
Rated ultimate short-circuit segmentation capability Icu	Ue1200v 10kA Ue1000v 16kA	Ue1500v 20kA
Running segmentation capability Ics	Ue1200v 7.5kA Ue1000v 12kA	Ue1500v 15kA
Protective function	Long delay protection Ir	1In
	Instantaneous protection li	5In
Dimensions W×H×D	90×200×86mm	135×200×86mm

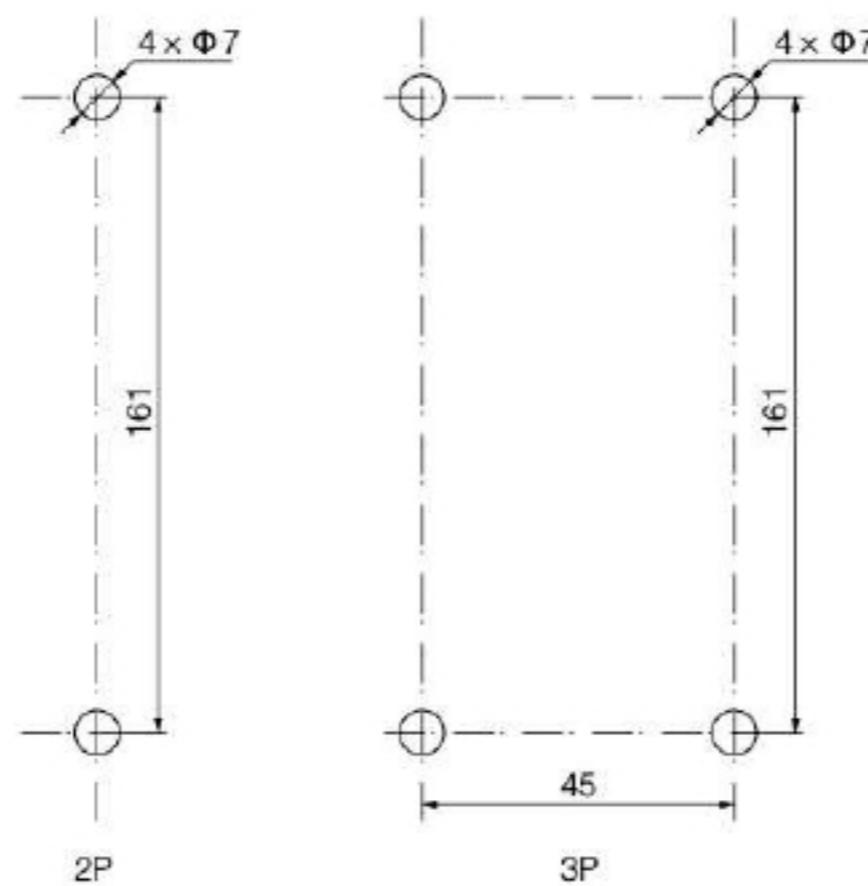
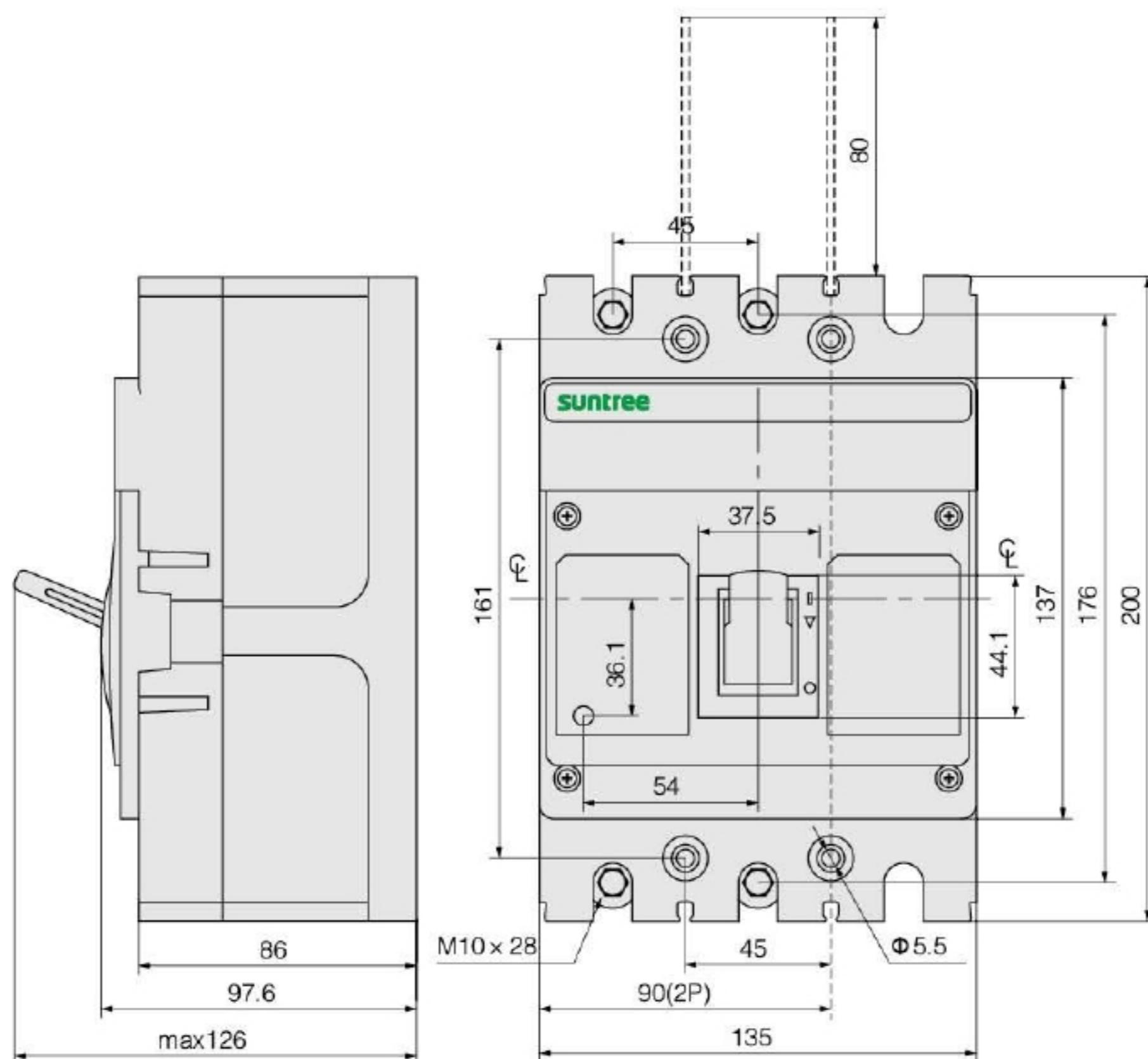
Thermal protection

Serial number	Experimental current	I/I _r	Appointed time	Initial state
1	Conventional non-tripping current	1.05	>1h($I_n \leq 63A$) >2h($I_n > 63A$)	Cold state
2	Conventional discharge current	1.3	$\leq 1h(I_n \leq 63A)$ $\leq 2h(I_n > 63A)$	After the test according to the serial number 1

Wiring diagram



Shape and Installation Dimensions(mm)



Tolerance Table

Base size		Tolerance range
>	<	
0	30	± 0.2
30	50	± 0.3
50	80	± 0.5
80	120	± 0.6
120	180	± 0.7
180	250	± 0.8
250	315	± 1.0

PV SURGE PROTECTOR

The handle connecting rod material
you can choose stainless steel, or
plastic materials



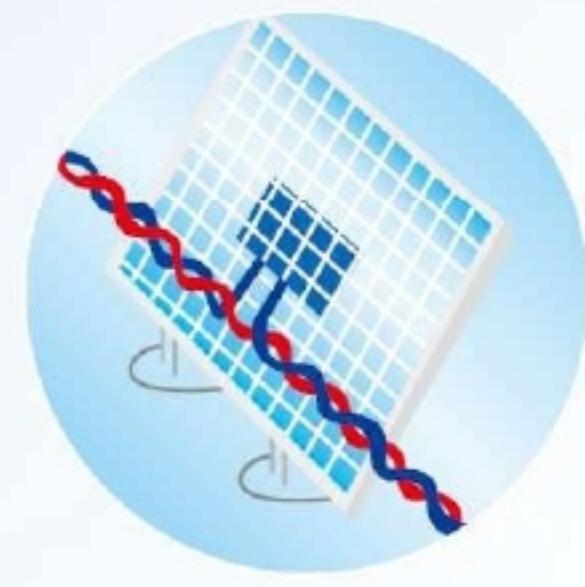
Lightning and surge protection for PV systems installed on buildings

Please take the following measures to protect the PV system from damage of lightning impulse or surge voltage:

- All metal parts (such as framework, support, etc) of PV system must be connected to the main equipotential bus to ensure reliable equipotential connection of the whole system.
- Must keep a safe distance (S) between all parts of PV systems and the external lightning protection system. The external lightning protection system can be connected to the main equipotential bus, fundamental earth screen or ground ring only.
- Adoption of twisted-pair wiring to reduce system jamming.
- For cables from outdoors, the surge protection device should be installed at the entrance of buildings. An all-round and systematic lightning protection should also protect other facilities on buildings from being damaged.

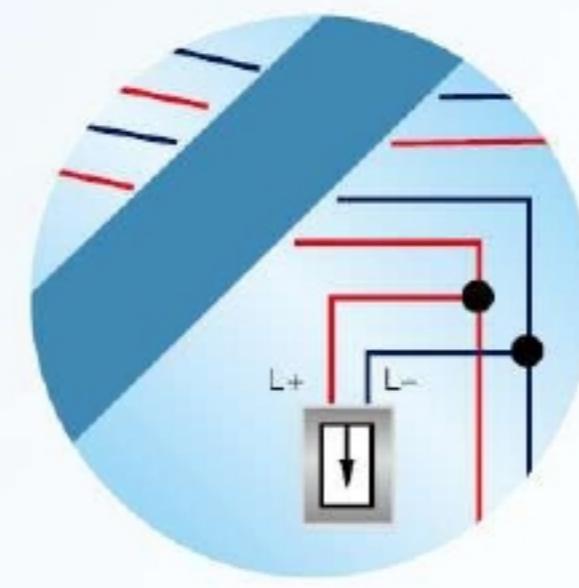
Reasonable wiring:

adoption of twisted-pair wiring
with lines as short as possible,
to avoid big loop and reduce
induced voltage on circuits.



Surge protection device installed on the DC side:

for cables from outdoors, the surge protection device should be installed at the entrance of buildings.

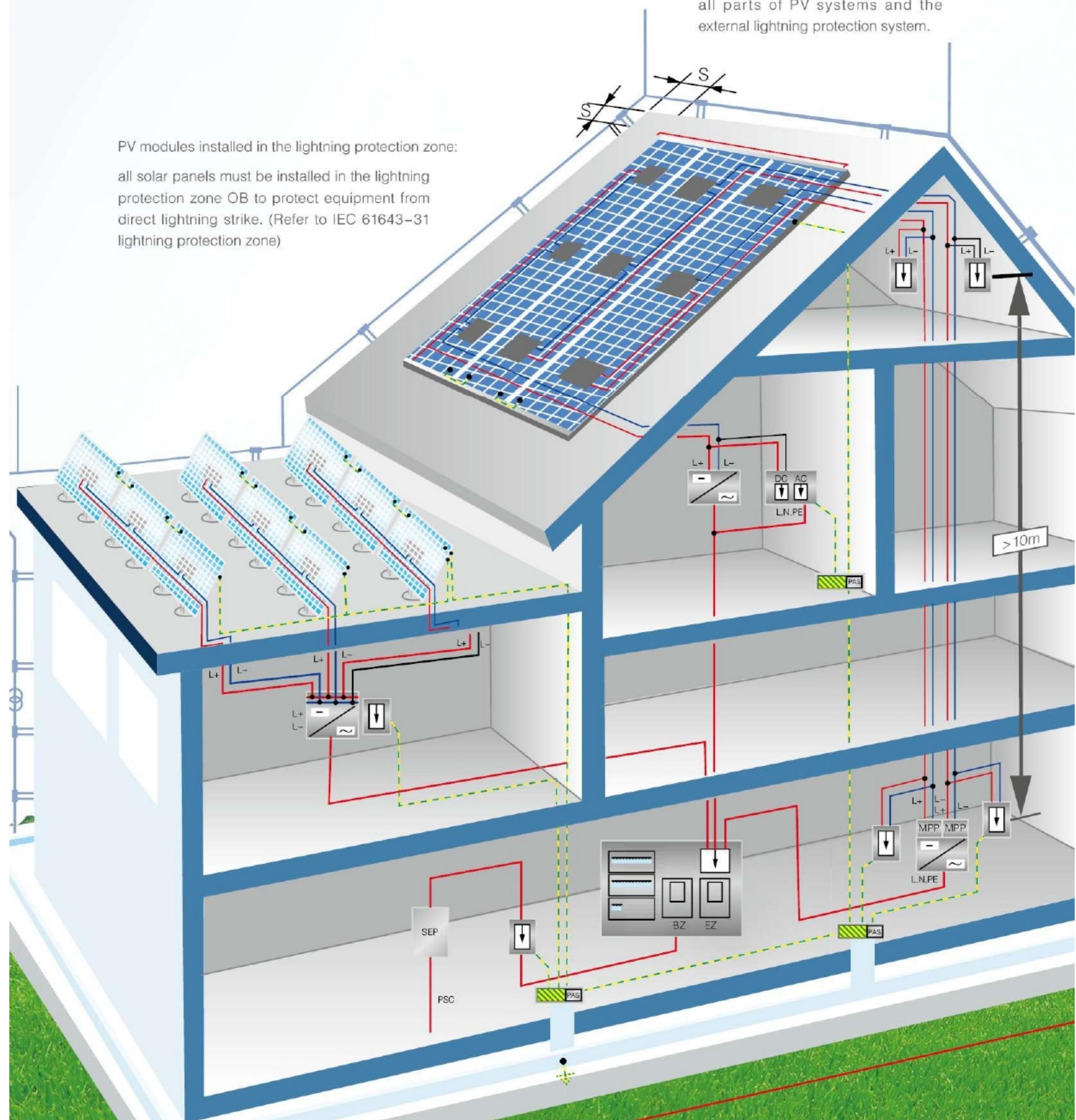


PV modules installed in the lightning protection zone:

all solar panels must be installed in the lightning protection zone OB to protect equipment from direct lightning strike. (Refer to IEC 61643-31 lightning protection zone)

safe distance (S):

must keep a safe distance between all parts of PV systems and the external lightning protection system.





SUP2H-PV Series Surge Protector

SUP2H-PV surge protective device, protect against lightning surge voltages in solar system (photovoltaic power supply system).

These units must be installed in parallel on the DC networks to be protected and provide common and different modes protection. Its installed location are recommended at both ends of the DC power supply line (solar panel side and inverter/converter side), ely if the line routing is external and long.

High energy MOVs equipped with specific thermal disconnectors and related failure indicators.

Specifications

SUP2H-PV series surge protector		SUP2H-PV	
PV DC-specific (LEC 66143-1/EN 61643-31)			
Pole		2P	2P
Electrical Parameter			
Classified test		II	II
UCPV(V DC)		500	800
In(8/20)us (kA)		20	20
I _{max} (8/20)us (kA)		40	40
U _p (kV)		2.8	3.0
Remote control and indication			
Indication window			
Plug-in Module			
Remote signal contact			
Remote signal contact	maximum working voltage(V)	250 AC/30V DC	250AC/30V DC
	maximum working current (A) 1A(250V/ AC)	1A(250V/ AC)	1A(250V/ AC)
	1A (30V DC)	1A(30V/ AC)	1A(30V/ AC)
Wiring & installation			
Wiring capacity(mm ²)	Hard wire	4~25	4~25
	Flexible wire	4~16	4~16
Stripping length(mm)			
Terminal screwa		M5	M5
Torque(Nm)	Main circuit	3.5	3.5
	Remote signal contact	0.25	0.25
Protection class	All profile	IP40	IP40
	Connection port	IP20	IP20
Installation environment			
Altitude (m)		≤2000	≤2000
Working Temperature		-3.0~+70	-3.0~+70
Relative humidity		30%~90%	30%~90%
How to Install			
Size(mm)(WxHxL)	W	36	54
	H	90	90
	L	67.6	67.6
Weight (kg)		0.24	0.36

SUP2H1-PV Photovoltaic Surge Protective Device



Visual Status Indication



Remote Signal Contact Available



The Cooper suntree three-module photovoltaic Surge Protective Device (SPD) (with three-step DC switching device) features visual indication and optional remote contact signaling (floating changeover contact) for use in PV systems.

These complete surge protective devices are suitable for all PV systems in accordance with IEC 61643-31. Includes a five year limited warranty.

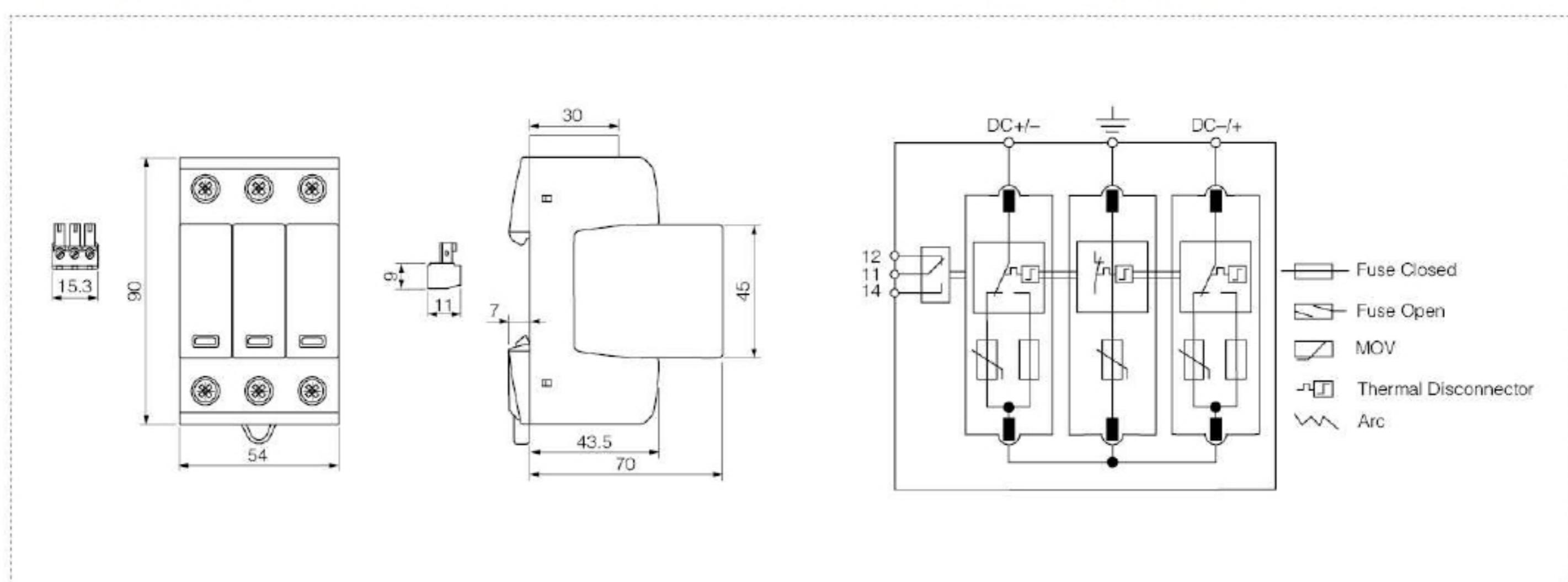
These prewired solutions consist of a base and locking modules that feature a combined disconnection and short-circuiting (shunting) device with safe electrical isolation to prevent fire damage due to DC arcs. An integrated DC fuse allows safe module replacement without arc formation.

In case of insulation faults in the generator circuit, a reliable and tested fault-resistant Y circuit prevents damage to the surge protective devices.

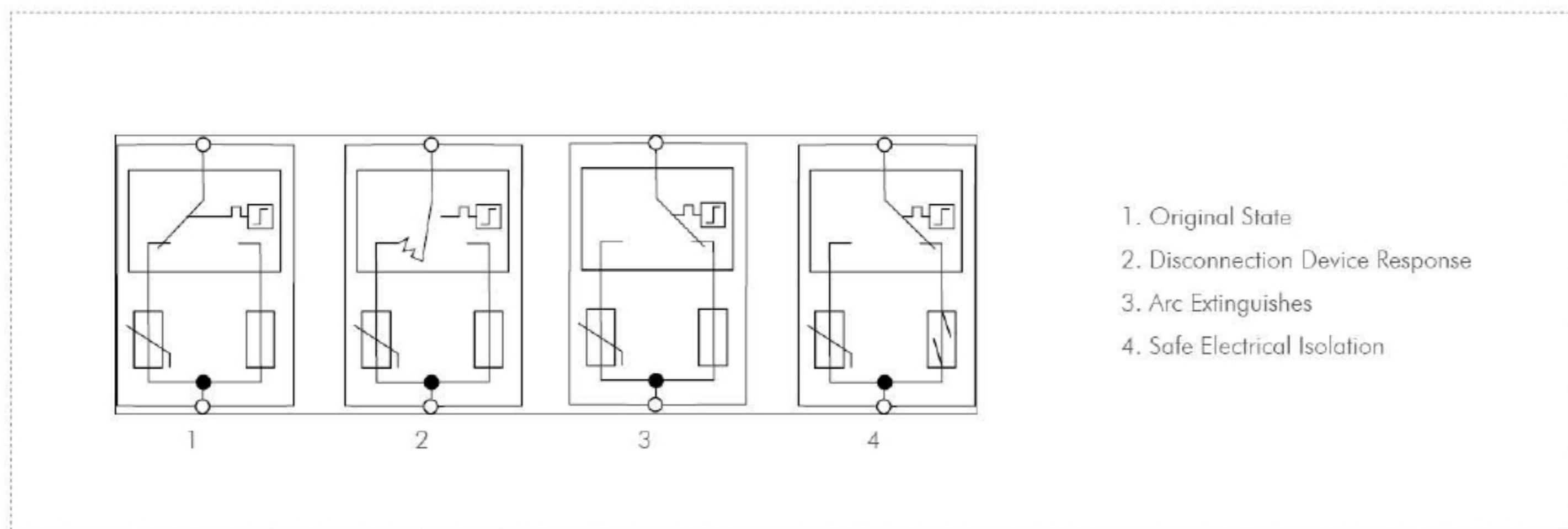
The green and red visual indicator flags show the module protective status (green = good, red = replace). Apart from this visual indication, the remote signaling option features a three terminal floating changeover contact that can be used as a make or break contact depending on the particular monitoring system design employed.

Dimensions(mm)



Short-Circuit Interrupting (SCI) Technology



1. Original State
2. Disconnection Device Response
3. Arc Extinguishes
4. Safe Electrical Isolation

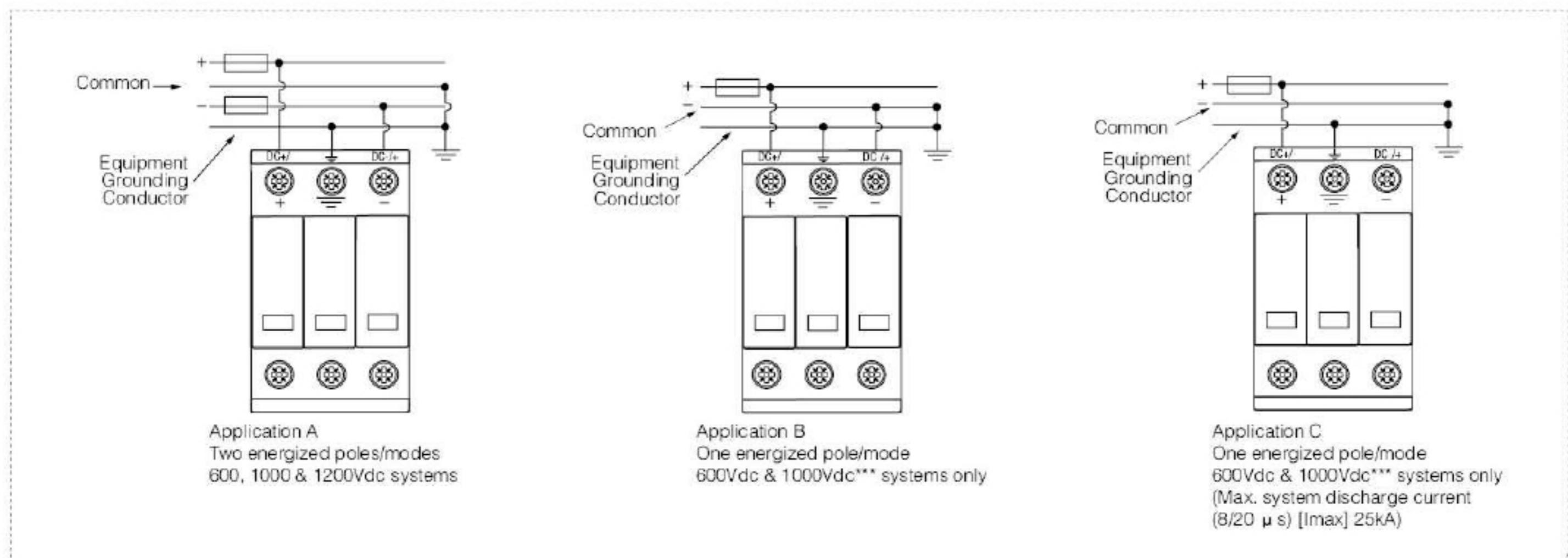
Specifications

SUP2H-PV series surge protector	SUP2H1-PV	SUP2H1-PV	SUP2-PV		
UCPV(V DC)	1000V	1200V	1500V		
Max System Discharge Current (8/20 μ s) [Imax]	40kA	40kA	40kA		
Voltage Protection Level [UP]	$\leq 4.0\text{kV}$	$\leq 4.5\text{kV}$	$\leq 4.5\text{kV}$		
Voltage Protection Level at 5kA [UP]	$\leq 3.6\text{kV}$	$\leq 4.0\text{kV}$	$\leq 5.0\text{kV}$		
Integrated Fuse Breaking Capacity/Interrupting Rating	40kA/1000Vdc	40kA/1200Vdc	40kA/1500Vdc		
Technology	Short-Circuit Interruption (SCI) Overcurrent Protection				
Operating Temperature Range [TU]	-40°C to $+80^{\circ}\text{C}$				
Nominal Discharge Current (8/20 μ s) [(DC+/DC-) \rightarrow PE] [In]	20kA				
Response Time [tA]	<25ns				
Operating State/Fault Indication	Green (good)/Red (replace)				
Conductor Ratings and Cross-Sectional Area:	Minimum	60/75°C 1.5mm ² /14AWG Solid/Flexible	60/75°C 35mm ² /2AWG Stranded/25mm ² /4AWG Flexible		
	Maximum	35mm DIN Rail per EN 60715			
Mounting	UL 94V0 Thermoplastic				
Enclosure Material	IP20				
Degree of Protection	3 Modules, DIN 43880				
Capacity	IEC 61643-31 Type 2, IEC 61643-1 Class II				
Standards Information:	Five Years**				
Product Warranty					

Remote Contact Signaling

Remote Contact Signaling Type	Changeover Contact	
AC Switching Capacity (Volts/Amps)	250V/0.1A	
DC Switching Capacity (Volts/Amps)	250V/0.1A; 125V/0.2A; 75V/0.5A	
Conductor Ratings and Cross-Sectional Area for Remote	60/75°C Max. 1.5mm ² /14AWG Solid/Flexible	
Contact Signal Terminals	Order from Catalog Numbers Above	
Ordering Information		

Typical Application Schematics



* Does not apply to 1200Vdc.

1. Use a suitable electrical insulator to keep a 10mm min. safety distance from the PV-SPD and other grounded parts in the housing.
2. No metal covers are in the area of the module release buttons as shown.

Conductors and Busbars for Use in Photovoltaic Systems

IEC 60364-7-712 (DIN VDE 0100 Part 712)

60/75°C Cu Conductors		1/2" 12mm	1/2" 12mm	1/2" 12mm
Min. □ DC±, DC±, ±	1.5mm ² /14AWG			
Max. □ DC±, DC±, ±	25mm ² /4AWG			35mm ² /2AWG
Busbar	16mm ² Cu			

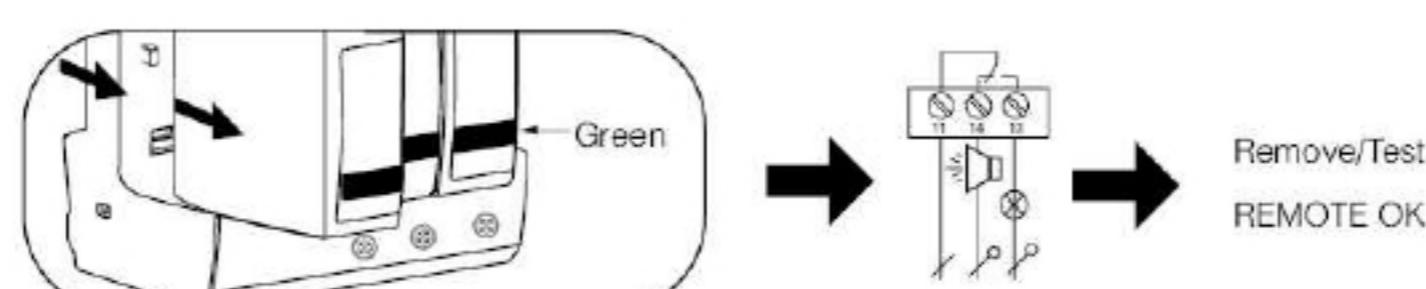
Visual Indication Status



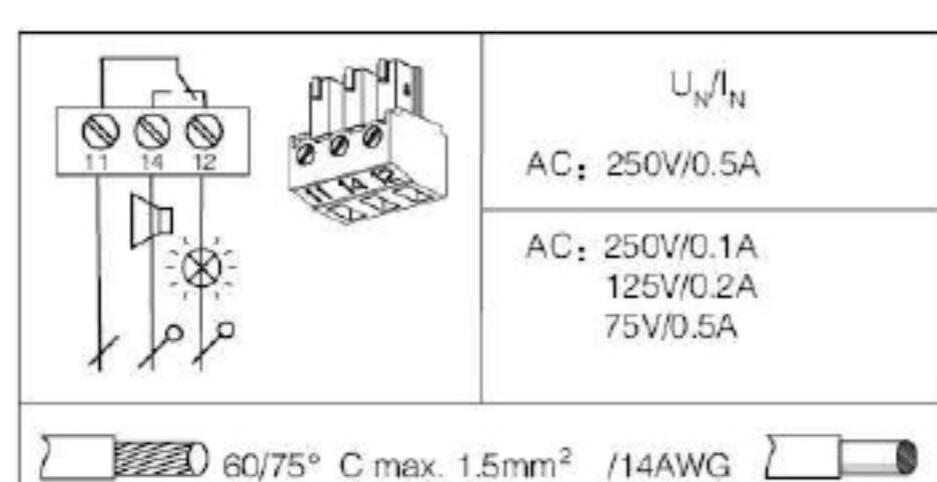
Fault Indication & Remote Contact Signaling (with modules installed)



Testing Remote Contact Signaling (with modules removed)



Remote Contact Signaling



U_N = Nominal Voltage
 I_N = Nominal Current
 = Audio Alarm/Alert
 = PLC / Monitoring System Connection

PV DC Products
Suntree
SMC4 Solar Connector



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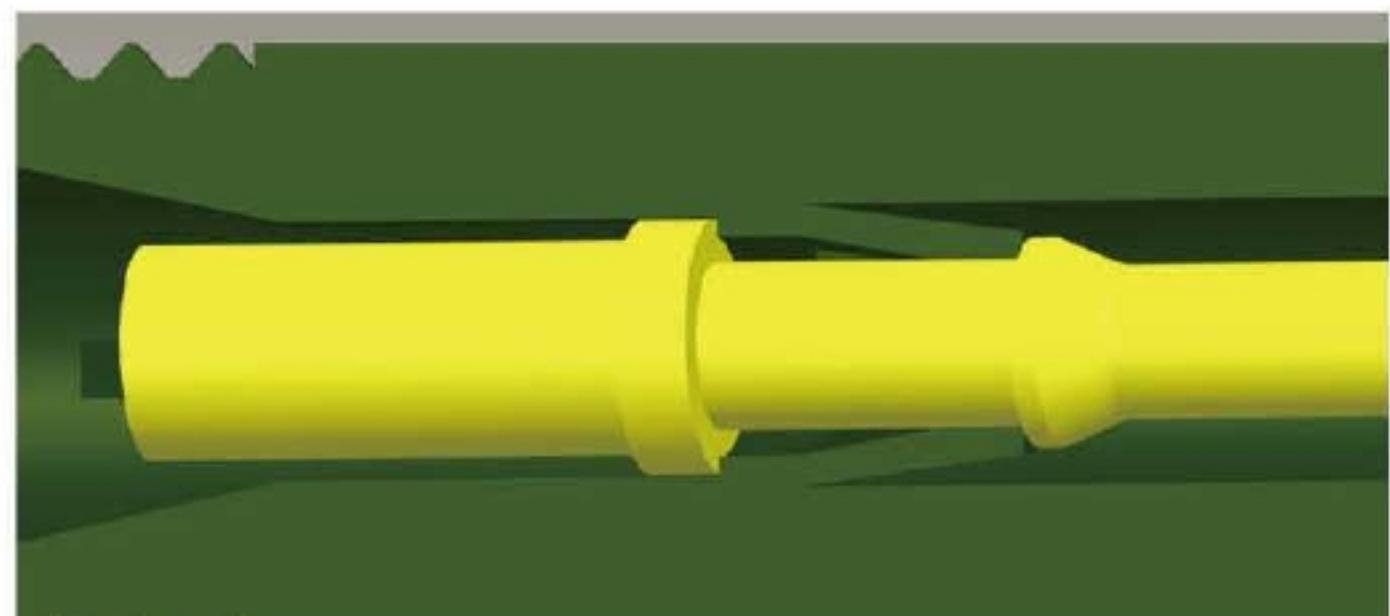
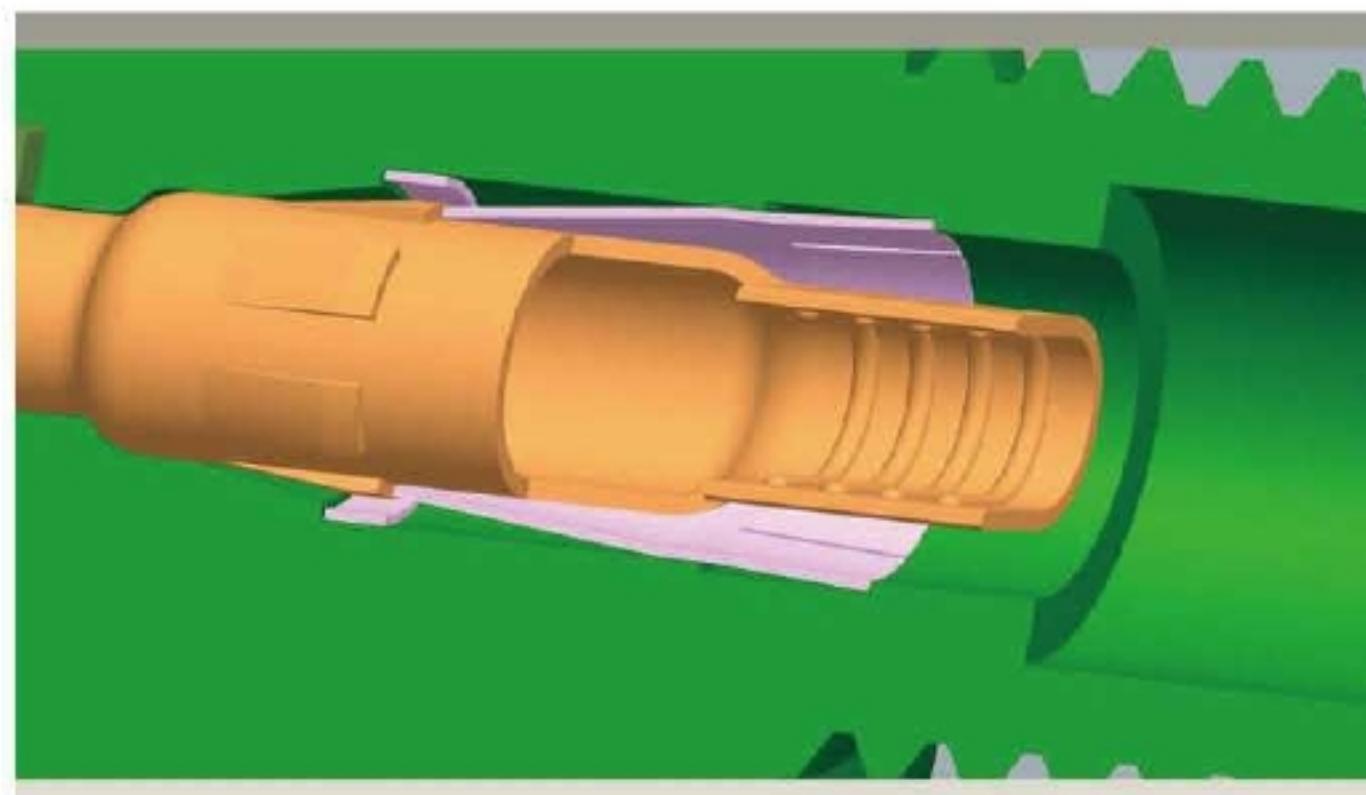
Specifications

CE TÜV ROHS

Order NO.	Part P/N		Cable	
	Connector	Terminal	Conductor size (mm ²)	Cable OD (ΦDmm)
SMC4-CMMM-14	SMC4-CMMM-H	SMC4-CM-T14	AWG 14(2.5 mm ²)	Φ4.5-Φ8.5
SMC4-CMMM-12		SMC4-CM-T12	AWG 12(4.0 mm ²)	
SMC4-CMMM-10		SMC4-CM-T10	AWG 10(6.0 mm ²)	
Order NO.	Part P/N		Cable	
	Connector	Terminal	Conductor size (mm ²)	Cable OD (mm)
SMC4-CFPM-14	SMC4-CFPM-H	SMC4-CF-T14	AWG 14(2.5 mm ²)	Φ4.5-Φ8.5
SMC4-CFPM-12		SMC4-CF-T12	AWG 12(4.0 mm ²)	
SMC4-CFPM-10		SMC4-CF-T10	AWG 10(6.0 mm ²)	
Rated current			30A(2.5-6mm ²)	
Rated voltage			1000v DC	
Test voltage			6000V(50Hz,1min)	
Overshoot type/pollution degree			CAT III /2	
Contact resistance of plug connector			1mΩ	
Contact material			Copper,Tin-plated	
Insulation material			PPO	
Degree of protection			IP2X/IP67	
Flame class			UL94-VO	
Safety class			II	
Suitable cable			OD 4.5-8.5(2.5-6.0 mm ²)	
Insertion force/withdrawal force			≤50N/≥50N	
Connecting system			Crimp connection	
Temperature range			-40°C ~+125°C	

comparation for internal structure

Connectors of other companies



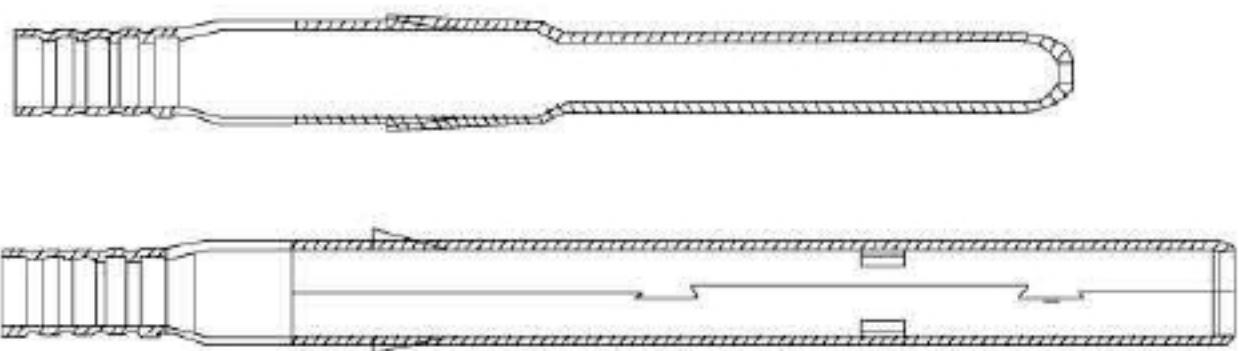
SMC4 Solar Connector

Structure:

Insulator design by forced demoulding Create a slot (red circle marked) to fix spring by forced demoulding. Using spring to position terminal.

Shortcoming:

- Forced demoulding is not very steady It can't ensure any products with same performance.
- Maintain force will change between 7~20kgf.
- Must assemble spring . It is to be a risk that sometimes operator will miss the spring.



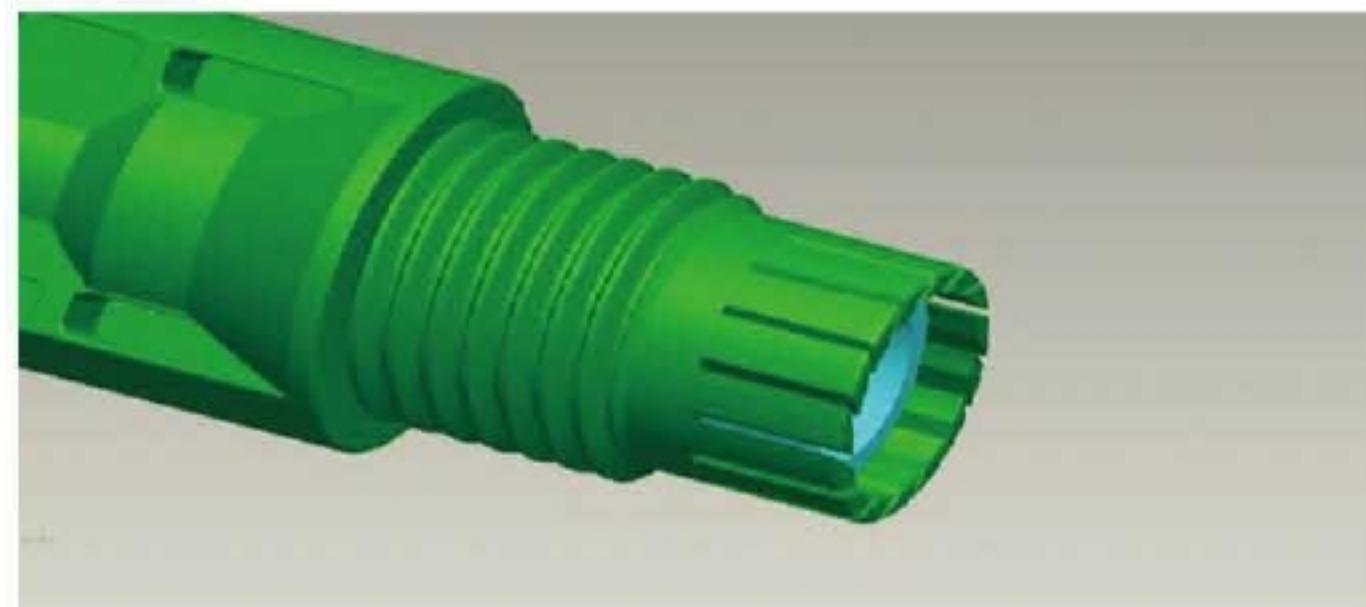
Process: Stamping , Tin plating

Strongpoint:

- Low cost ,high productive capacity.
- It can be continually rivet because of terminal have strip feeder .

Shortcoming

- Material is thin .
- It's easy to deform.
- It will be heat serious in a long time when using
- It need to solder after riveting to reach pull force 31kgf.



Strongpoint:Simple structure

Shortcoming:

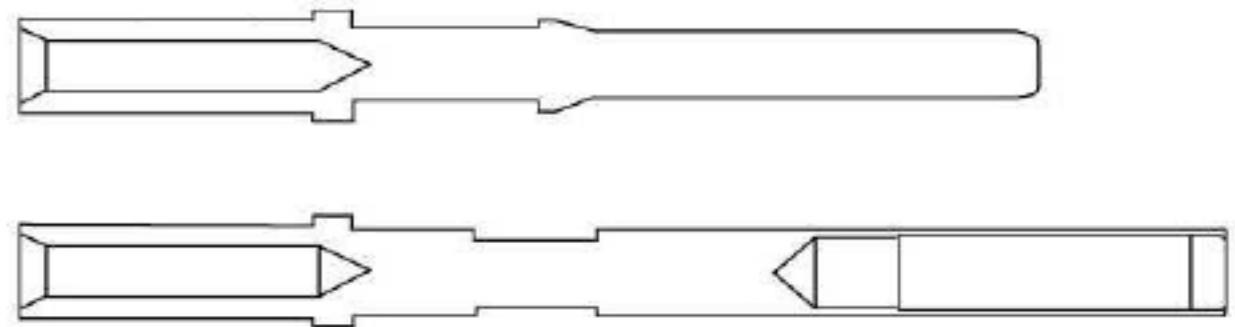
- The thread can't return back when screw open
- Because of first reason , it can't be reuse.
- The screw is easy to get open.

Structure:

Moulding a fixed structure to replace spring (red circle marked) .The fixed structure will be expand when terminal insert into insulator . It will be back to original position when terminal is to correct position and hold to terminal.

Shortcoming:

- All product is with same performance.
- Maintain force is 35kgf Min.
- Cut down the accessories.



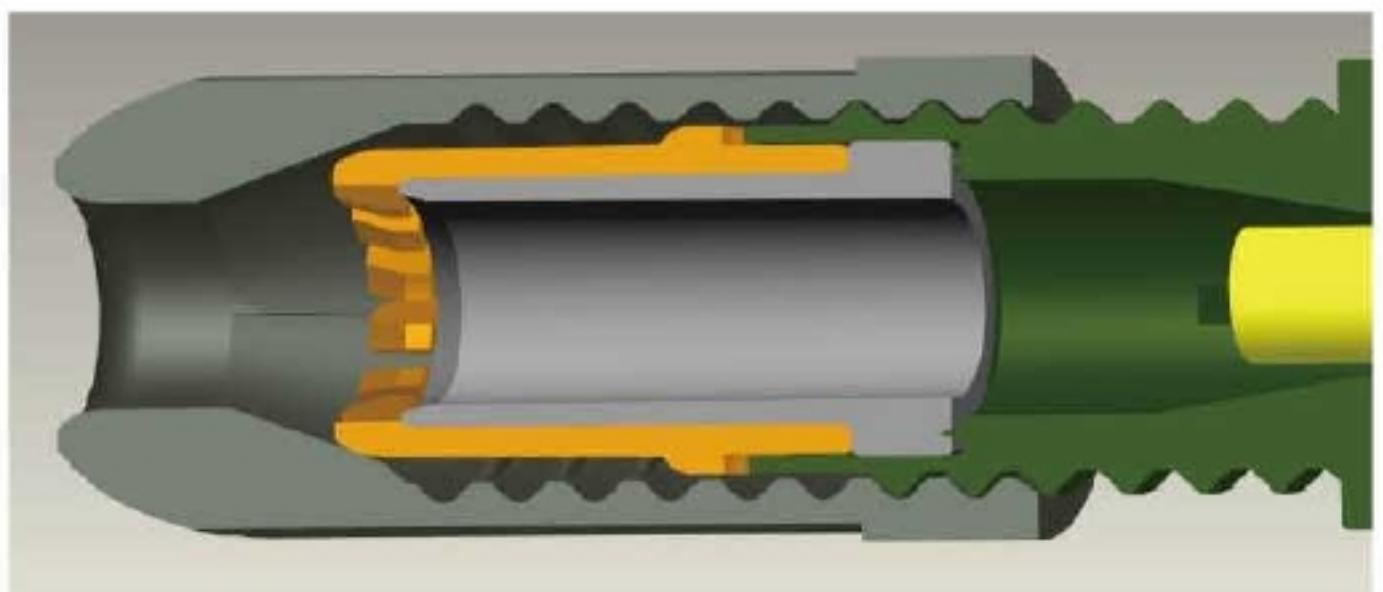
Process: Lathe Machining , Ag plating

Strongpoint:

- High cost ,low productive capacity
- It can't be continually rivet because it's without terminal rail.

Shortcoming

- Material is thin .
- It's easy to deform.
- It will be heat slight in a long time when using.
- Pull force can reach 31kgf after riveting.



Strongpoint:Add a part

Shortcoming:

- The thread can return back when screw open.
- It can be reuse.
- It's with an anti-loosen part ,screw is not easy to get open.

SRD-10gPV 1A-20A Photovoltaic Fuse



Standard: IEC 60269-6, GB/T 13539.6

Interrupting Capacity

30,000 amperes at 1000V DC (Time Constant: 1-3ms)

CE TÜV ROHS

Specifications

Catalog No.	Current Rating	Safety Approvals	
		TUV	Pending
10gPV1U0	1A	●	
10gPV2U0	2A	●	
10gPV3U0	3A	●	
10gPV3.5U0	3.5A	●	
10gPV4U0	4A	●	
10gPV5U0	5A	●	
10gPV6U0	6A	●	
10gPV8U0	8A	●	
10gPV10U0	10A	●	
10gPV12U0	12A	●	
10gPV15U0	15A	●	
10gPV16U0	16A	●	
10gPV20U0	20A	●	

U0 Denotes For 1000V DC:

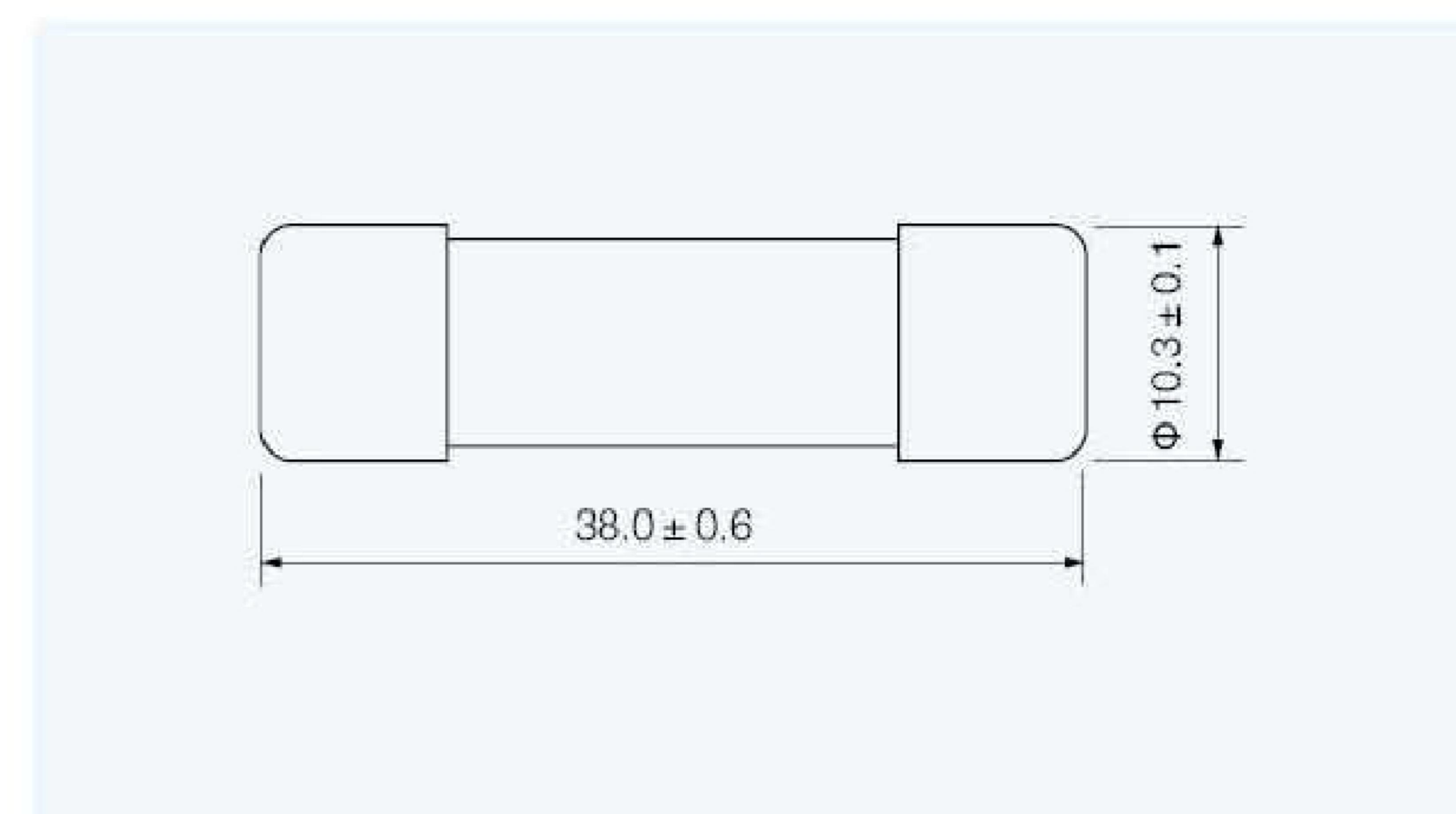
● Denotes For Approval

○ Denotes For Pending

Electrical Characteristics

% of Current Rating	Blowing Time
113%	1 hour Min.
145%	1 hour Max.

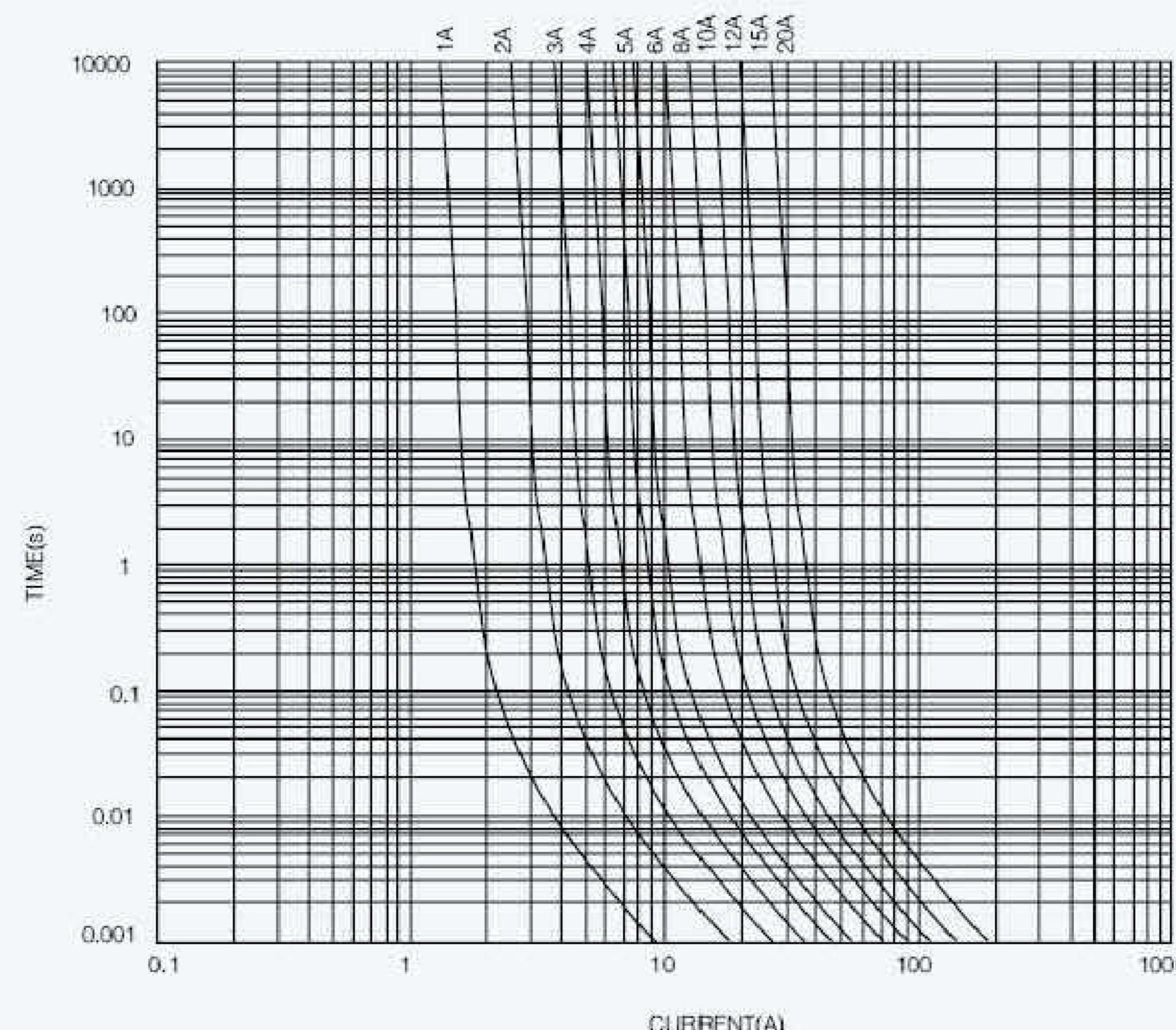
Dimensions



SRD-10gPV

Average I-T Characteristics Curve

(For Reference Only)



SL7 Non-Polarity DC circuit breaker



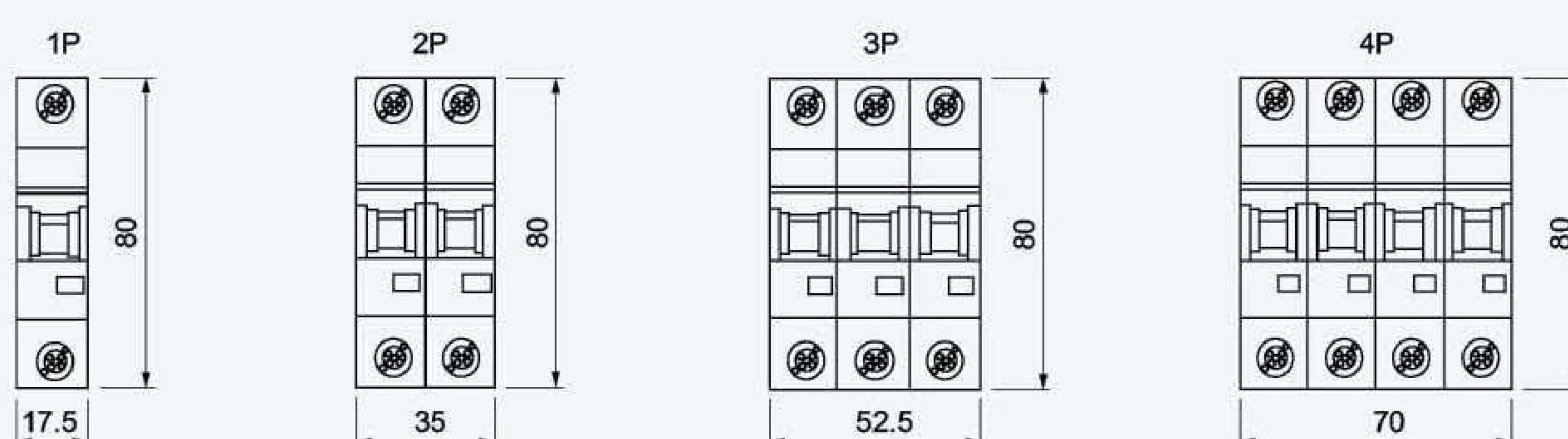
SL7 PV DC breaker supplementary protectors are designed to provide overcurrent protection within appliances or electrical equipment, where a branch circuit protection is already provided or not required. Devices are designed for direct current (DC) control circuit applications.



Specifications

SL7 PV Series Circuit Breaker		SL7-63							
Frame degree rated current (A)		63							
Electrical performance									
Ue Rated operating voltage (V DC)		2P: DC440V DC550V DC800V 4P:DC800V DC1000V DC1200V							
Rated Current In (A)		6-10-16-20-25-32-40-50-63							
Rated insulation voltage Ui (V DC)		2P: 800V 4P: 1200V							
rated Impact voltage Uimp (kV)		4							
Ultimate breaking capacity Icu (kA)		6	6	6	6				
Run breaking capacity Ics (%Icu)		75%	75%	75%	75%				
Curve type		C							
Trip type		Thermal-magnetic							
MECHANICAL	Actual average value	20000							
	Standard value	8500							
ELECTRIC	Actual average value	2500							
	Standard value	1500							
Control and indication									
Shunt release (SHT)		Option							
Undervoltage release (UNT)									
Auxiliary contact (AX)									
Alarm contact (AL)									
Connection and installation									
Wiring capacity (mm ²)		In≤32A, 1~25 mm ² , I≥40A, 10~35mm ²							
Ambient temperature (°C)		-20~70							
Altitude		≤2000							
Relative humidity		≤95%							
Pollution Level		3							
Installation Environment		No obvious shock and vibration							
Installation category		Class III							
Installation		DIN Standard rail							
Dimensions(W)x(H)x(Deep)	W	17.5	35	52.5	70				
	H	80	80	80	80				
	Deep	71	71	71	71				
Weight (kg)		0.12	0.24	0.36	0.48				

Dimensions(mm)



SMC4 Solar Connector

Simple on-site processing.

Acomodates PV cable with different insulation diameters.

Mating safety provided bykeyed housings.

Multiple plugging and unplugging cycles .

High current carrying capacity.

TUV and UL approved.



Specifications

Order NO.	Part P/N		Cable special	
	Connector	Terminal	Conductor size (mm ²)	Cable OD (φ Dmm)
SMC4-CMMM-14	SMC4-CMMM-H	SMC4-CM-T14	AWG 14(2.5 mm ²)	φ 4.5- φ 8.5
SMC4-CMMM-12		SMC4-CM-T12	AWG 12(4.0 mm ²)	
SMC4-CMMM-10		SMC4-CM-T10	AWG 10(6.0 mm ²)	
Order NO.	Part P/N		Cable special	
	Connector	Terminal	Conductor size (mm ²)	Cable OD (mm)
SMC4-CFPM-14	SMC4-CFPM-H	SMC4-CF-T14	AWG 14(2.5 mm ²)	φ 4.5- φ 8.5
SMC4-CFPM-12		SMC4-CF-T12	AWG 12(4.0 mm ²)	
SMC4-CFPM-10		SMC4-CF-T10	AWG 10(6.0 mm ²)	
Rated current			30A (2.5-6mm ²)	
Rated voltage			1000v DC	
Test voltage			6000V(50Hz, 1min)	
Overvoltage type/pollution degree			CAT III /2	
Contact resistance of plug connector			1mΩ	
Contact material			Copper, Tin-plated	
Insulation material			PPO	
Degree of protection			IP2X/IP67	
Flame class			UL94-VO	
Safety class			II	
Suitable cable			OD 4.5-8.5 (2.5-6.0 mm ²)	
Insertion force/withdrawal force			≤ 50N/ ≥ 50N	
Connecting system			Crimp connection	
Temperature range			-40°C ~ +125°C	

SMC3 Solar Connector

Simple on-site processing.
 Acomodates PV cable with different insulation diameters.
 Mating safety provided bykeyed housings.
 Multiple plugging and unplugging cycles .
 High current carrying capacity.
 TUV and UL approved.



Specifications

Order NO.	Part P/N		Cable special	
	Connector	Terminal	Conductor size (mm ²)	Cable OD (φ Dmm)
SMC3-CMMM-14	SMC3-CMMM-H	SMC3-CM-T14	AWG 14(2.5 mm ²)	φ 4.5- φ 6.5
SMC3-CMMM-12		SMC3-CM-T12	AWG 12(4.0 mm ²)	
SMC3-CMMM-10		SMC3-CM-T10	AWG 10(6.0 mm ²)	
Order NO.	Part P/N		Cable special	
	Connector	Terminal	Conductor size (mm ²)	Cable OD (mm)
SMC3-CFPM-14	SMC3-CFPM-H	SMC3-CF-T14	AWG 14(2.5 mm ²)	φ 4.5- φ 6.5
SMC3-CFPM-12		SMC3-CF-T12	AWG 12(4.0 mm ²)	
SMC3-CFPM-10		SMC3-CF-T10	AWG 10(6.0 mm ²)	
Rated current			30A (2-6mm ²)	
Rated voltage			1000v DC	
Test voltage			6000V(50Hz, 1min)	
Overvoltage type/pollution degree			CAT III /2	
Contact resistant of plug connector			1mΩ	
Contact material			Copper, Tin-plated	
Insulation material			PPO	
Degree of protection			IP2x/IP67	
Flame class			UL94-VO	
Safety class			II	
Suitable cable			OD 4.5-6.5 (2.5-6.0 mm ²)	
Insertion force/withdrawal force			≤ 50N/ ≥ 50N	
Connecting system			Crimp connection	
Temperature range			-40°C ~+90°C	

Twins core PV Cable

Dual wall insulation, electron beam cross-linked

Excellent resistance to UV, water, ozone, fluids, salt, general weathering

Excellent resistance to abrasion

Halogen free, flame retardant, low toxicity

Excellent flexibility and stripping performance

High current carrying capacity

TUV and UL approved

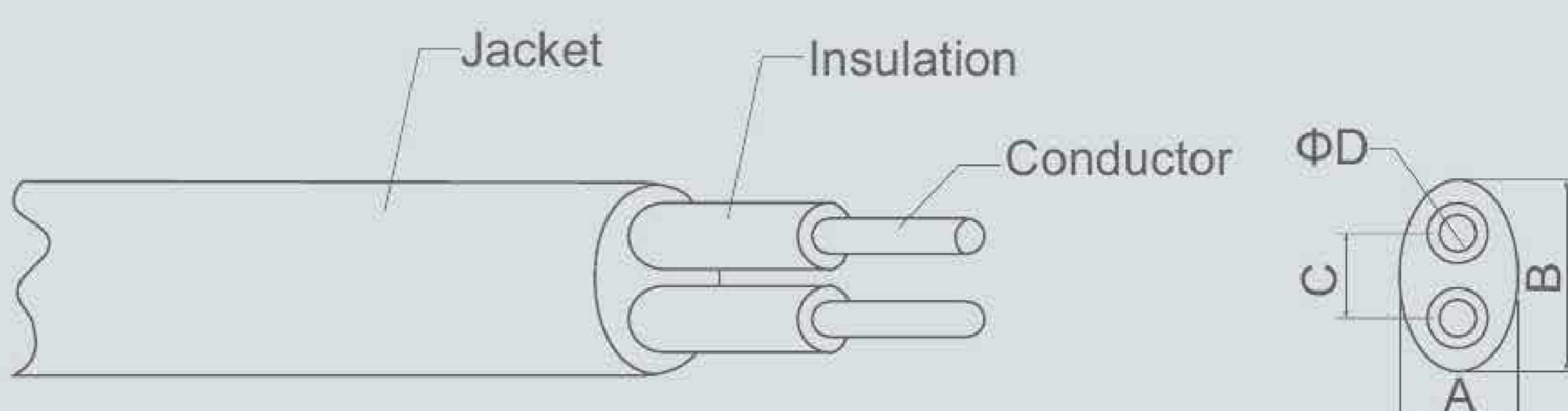


Specifications

Type	Cross section	Strand design	Conductor diameter	Conductor resistance	Outer diameter AxB	Rated voltage	Rated current
	mm ²	No.x φ (mm)	mm	Ω/km	mm	V AC/DC	A
PV-2x1.5 mm ²	1.5	30 x φ 0.25	1.6	13.9	5.80x9.30	1000/1800	20
PV-2x2.5 mm ²	2.5	50 x φ 0.25	2.0	8.06	6.20x9.90	1000/1800	30
PV-2x4.0 mm ²	4.0	56 x φ 0.3	2.6	4.97	6.9x11.30	1000/1800	50

Wire	Class 5, tinned
Insulation material	XLPE
Double insulated	
Halogen-free	
High resistance against oils, greases, oxygen and ozone	
Microbe-resistant	

UV resistant	
High wear and abrasion resistance	
Flam test according to	DIN EN 50265-2-1 UL1571(VW-1)
Smallest permissible bending radius	5XD
Temperature range	-40°C ~ +90°C
Colours	Black/red



Single core PV Cable

Dual wall insulation, electron beam cross-linked
 Excellent resistance to UV, water, ozone, fluids, salt, general weathering
 Excellent resistance to abrasion
 Halogen free, flame retardant, low toxicity
 Excellent flexibility and stripping performance
 High current carrying capacity
 TUV and UL approved

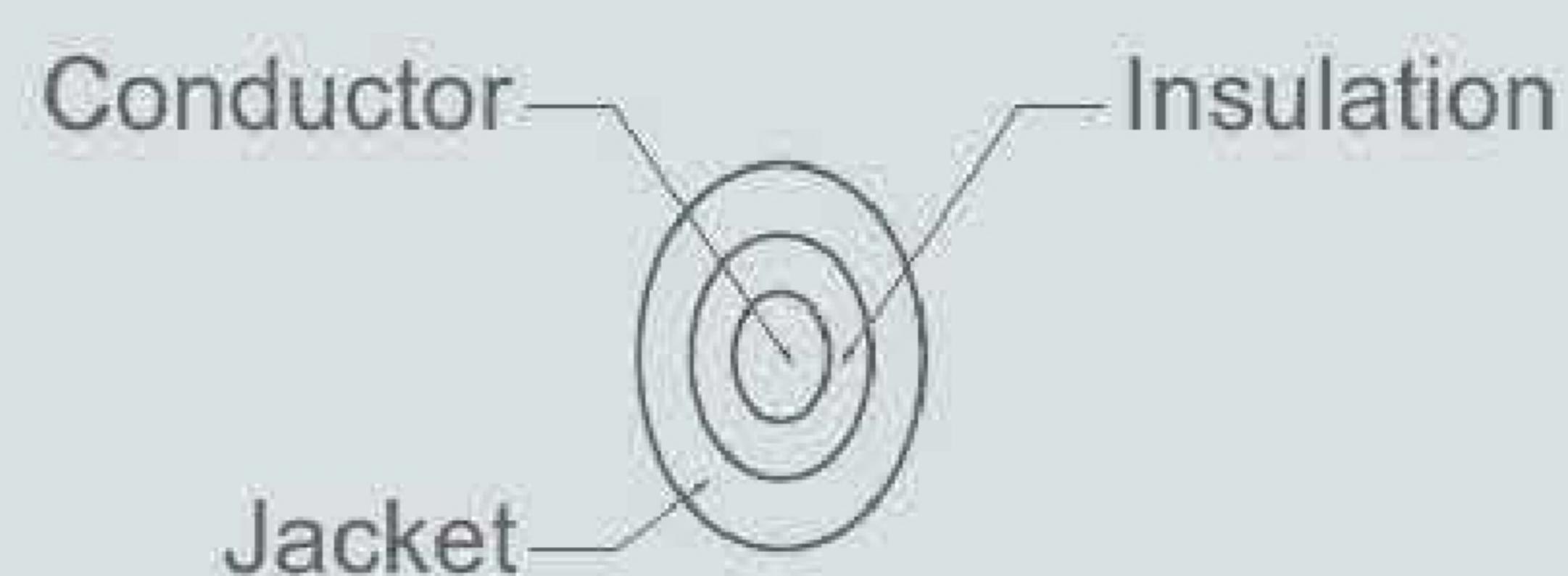
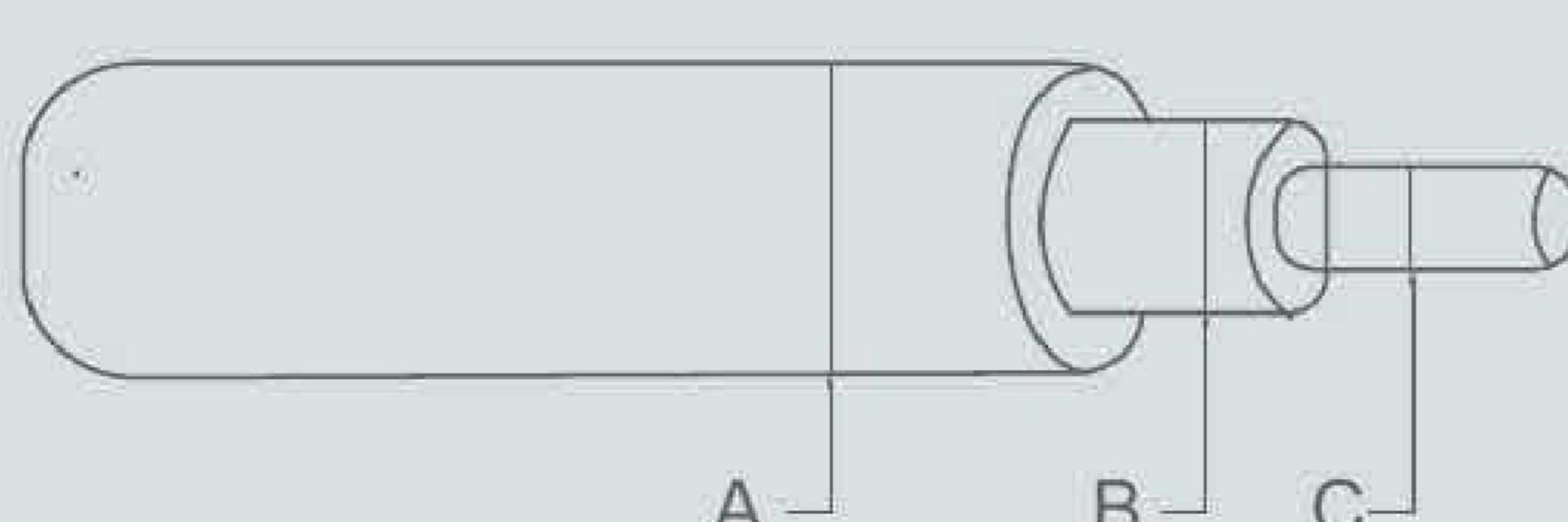


Specifications

Type	Cross section	Strand design	Conductor diameter	Conductor resistance	Outer diameter AxB	Rated voltage	Rated current
	mm ²	No.x φ (mm)	mm	Ω/km	mm	V AC/DC	A
PV-1x1.5 mm ²	1.5	30 x φ 0.25	1.6	13.9	4.5	1000/1800	20
PV-1x2.5 mm ²	2.5	50 x φ 0.25	2.0	8.06	5.3	1000/1800	30
PV-1x4.0 mm ²	4.0	56 x φ 0.3	2.6	4.97	6.4	1000/1800	50
PV-1x6.0 mm ²	6.0	84 x φ 0.3	3.3	3.52	7.2	1000/1800	70
PV-1x10.0 mm ²	10.0	200 x φ 0.25	4.4	2.12	8.3	1000/1800	95
PV-1x16.0 mm ²	16.0	224 x φ 0.3	5.2	1.95	9.5	1000/1800	140

Wire	Class 5, tinned
Insulation material	XLPE
Double insulated	
Halogen-free	
High resistance against oils, greases, oxygen and ozone	
Microbe-resistant	

UV resistant	
High wear and abrasion resistance	
Flam test according to	DIN EN 50265-2-1 UL1571(VW-1)
Smallest permissible bending radius	5xD
Temperature range	-40°C ~ +90°C
Colours	Black/red



SMC3Y/SMC4Y Solar Connector

PV Branch

Plug SMC3Y/SMC4Y-2M1F

Socket SMC3Y/SMC4Y-2F1M



Specifications

Type And meaning	
Rated current	30A
Rated voltage	1000V DC
Test voltage	6000V(50Hz, 1min)
Overvoltage Category/pollution degree	CAT III /2
Contact resistance of plug connector	$1\text{m}\Omega$
Contact material	Copper, Tin-plated
Insulation material	PA/PRO
Degree of protection	IP2*/IP65
Flame class	UL94-VO
Safety class	II
Insertion force	$\leq 50\text{N}$
withdrawal force	$\geq 50\text{N}$
Temperature range	-40°C ~ +110°C

PV Cable Assembly

Examples of cable assemblies

Can be customized according to customer requirements

Extension line series



SMC3 TO SMC4



Panel Connector Series





Main Switch for DIN Rail Mounting

- DIN rail mounting
- Extremely short power shut off time of approx. 3ms
- 2 poles and 4 poles available
- IEC60947-3 standard
- DC21B: 16A, 25A and 32A up to 1500V DC



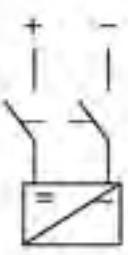
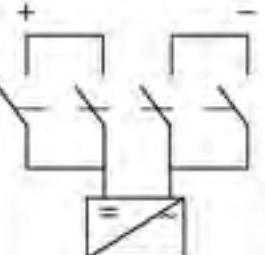
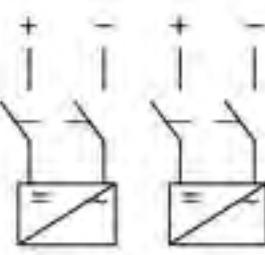
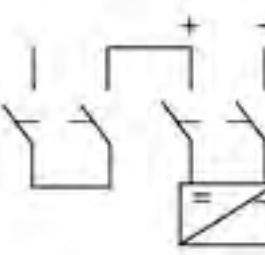
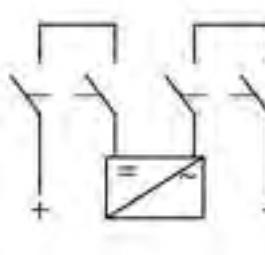
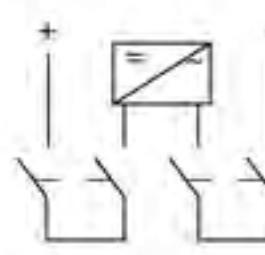
Specifications

Contact configuration	600V	800V	1000V	1200V	Poles In series	Number of strings	Type Number
	16A	16A	16A	9A	2	1	SISO.2-16 D2
	25A	25A	20A	11A	2	1	SISO.2-25 D2
	32A	32A	23A	13A	2	1	SISO.2-32 D2
	29A	29A	16A	9A	2	1	SISO.2-16 D2H
	45A	45A	20A	11A	2	1	SISO.2-25 D2H
	58A	58A	23A	13A	2	1	SISO.2-32 D2H
	16A	16A	16A	9A	2	2	SISO.2-16 D4
	25A	25A	20A	11A	2	2	SISO.2-25 D4
	32A	32A	23A	13A	2	2	SISO.2-32 D4
	16A	16A	16A	16A	4	1	SISO.2-16 D4S
	25A	25A	25A	25A	4	1	SISO.2-25 D4S
	32A	32A	32A	32A	4	1	SISO.2-32 D4S
	16A	16A	16A	16A	4	1	SISO.2-16 D4B
	25A	25A	25A	25A	4	1	SISO.2-25 D4B
	32A	32A	32A	32A	4	1	SISO.2-32 D4B
	16A	16A	16A	16A	4	1	SISO.2-16 D4T
	25A	25A	25A	25A	4	1	SISO.2-25 D4T
	32A	32A	32A	32A	4	1	SISO.2-32 D4T

1500V DC voltage require customized

Main Switch for DIN Rail Mounting

Switching Configurations

Type	2-pole	2-pole 4 paralleled poles	4-pole	4-pole with Input on top output bottom	4-pole with Input and output bottom	4-pole with Input and output on top
SISO.2-16	2	2H	4	4S	4B	4T
SISO.2-25	2	2H	4	4S	4B	4T
SISO.2-32	2	2H	4	4S	4B	4T
Contacts Wiring graph	1 3 2 4	1 3 5 7 2 4 6 8	1 3 5 7 2 4 6 8	1 3 5 7 2 4 6 8	1 3 5 7 2 4 6 8	1 3 5 7 2 4 6 8
Switching example	+ - 	+ - 	+ - + - 	+ - 	+ - 	+ - 

Dimensions(mm)

