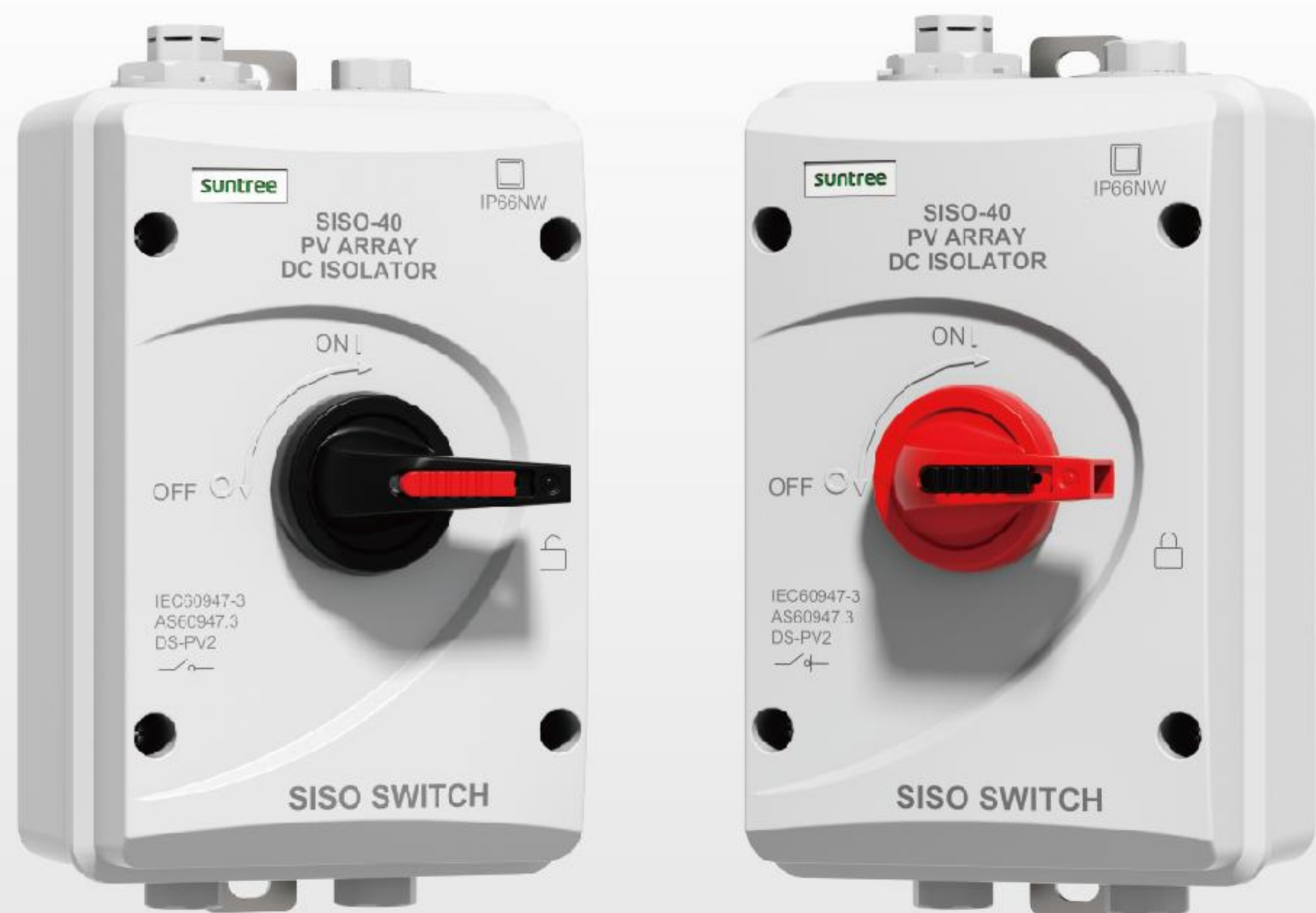


SISO-40/63

DC ISOLATOR SWITCH



PRODUCT ADVANTAGES

- Arcing Time in 3 ms.
- No Polarity.
- Lockable at OFF position.
- Plug-in module design.
- UV resistance and VO flame retardant material.
- Contact Silver Plating, silver layer thickness up to the industry's highest standards.

PRODUCT ADVANTAGES

SISO series isolation switch is suitable for a power system with rated voltage DC 1200V or below and rated current 32A or below. The product can be used for infrequent switching-on and switching-off and can disconnect 1-2 MPPT lines at the same time. It is especially suitable for isolating lines in HVDC transmission and distribution systems, such as cutting off the high voltage DC current between solar panels and inverters.

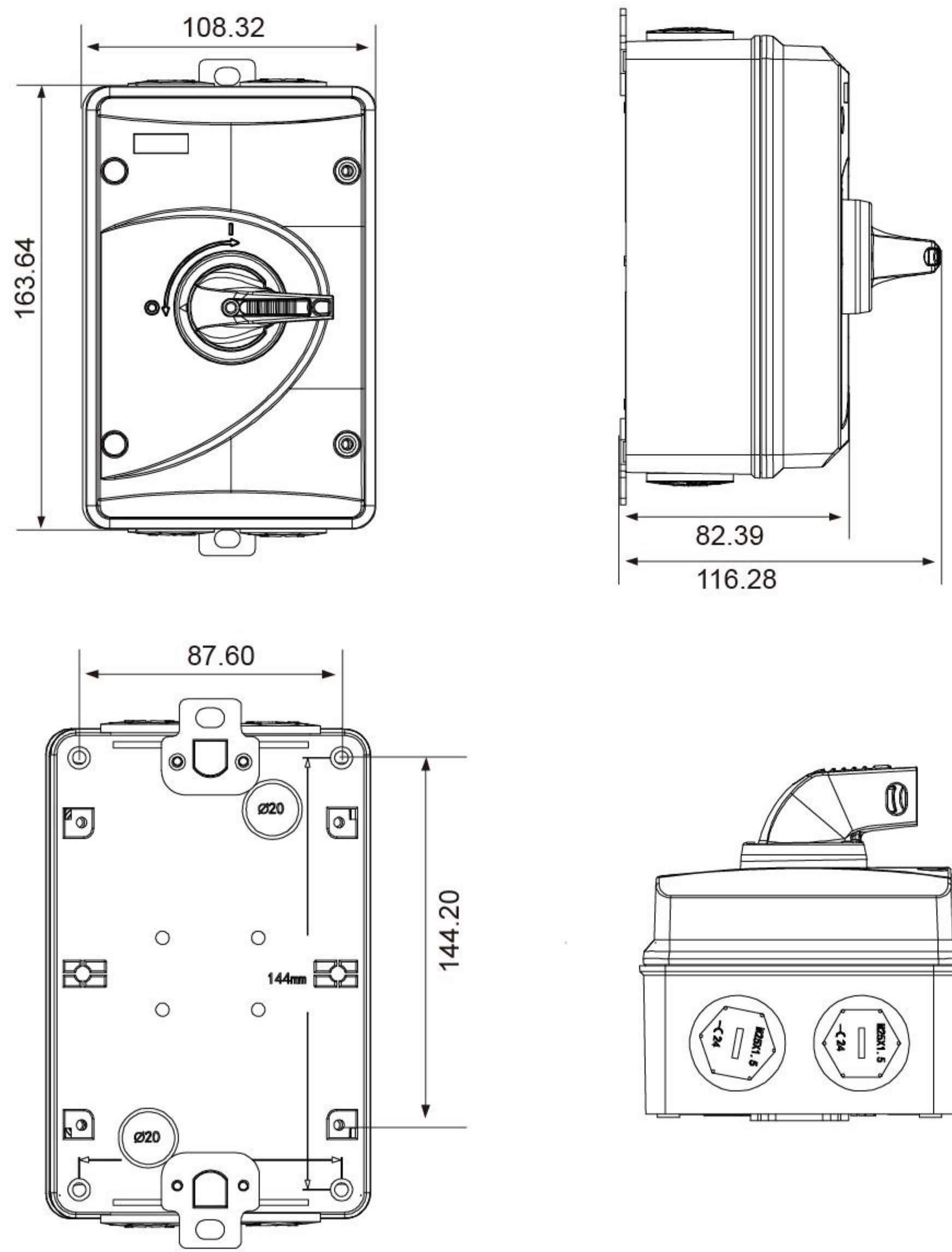
INSTALLATION PRECAUTIONS

MAXIMUM CABLE SECTION: 4-16mm².
MC: IP66NW with panel MC4 connector top in and bottom out.

GENERAL PARAMETERS

S	ISO-40	1000V	H
Enterprise Code	Design Number	Rated Voltage	High Voltage
4	32A	PV	DC1100V
Pole	Rated Current	PV System	Rated Operational Voltage

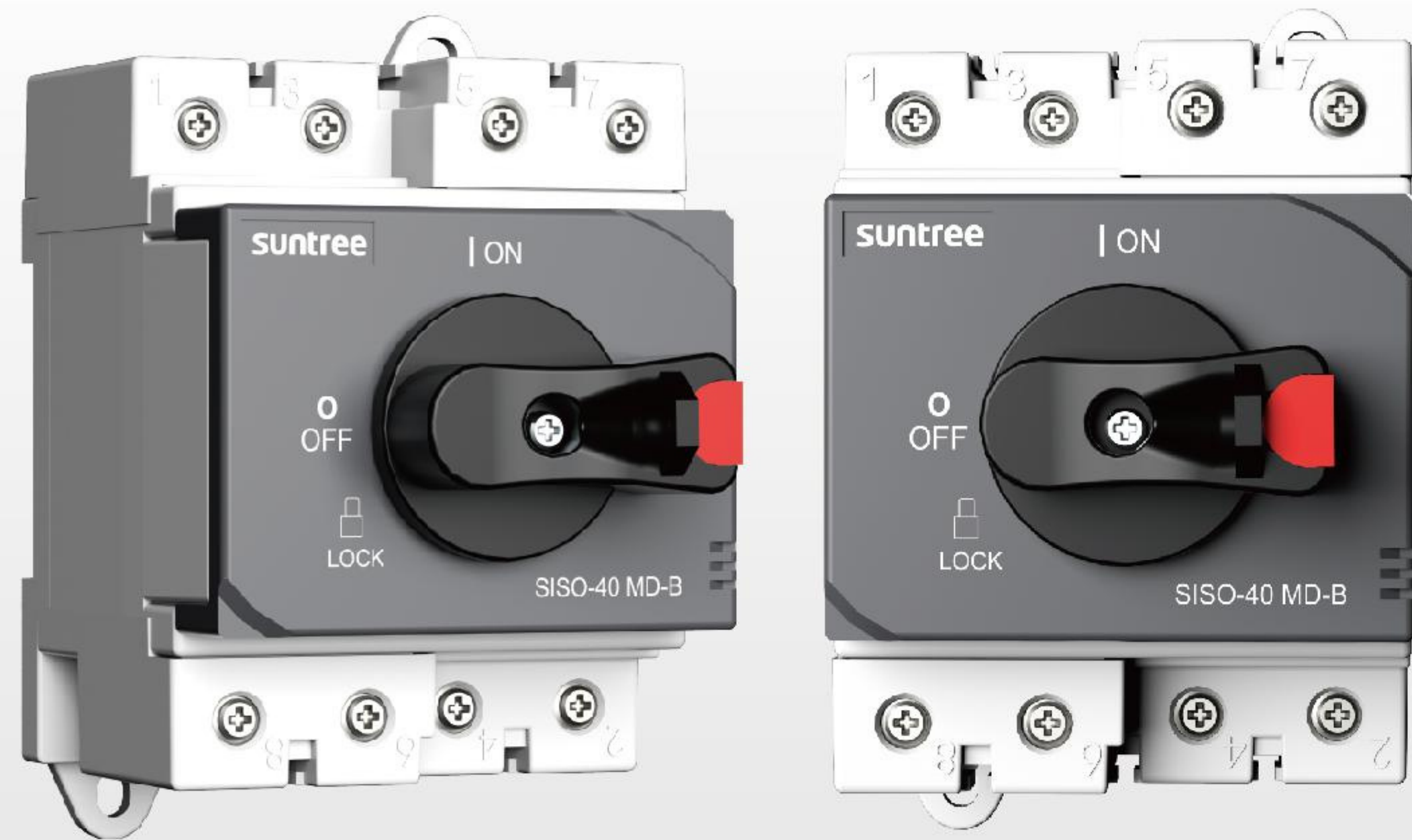
DIMENSION (MM)



ELECTRICAL PARAMETERS

Product Model	SISO-40/63
Pole	2/4P
Rated Operational Voltage/Ue(V)	600V-1500V
Rated Operational Current/In(A)	1500A
Rated Impulse Withstand Voltage/Uimp(V)	8000V
Mechanical Life	1000 times
Electrical Life	3000 times
Fire-retardant Enclosure Level	V0
Device Width x Height (mm)	97.6×179.6
Method of Mounting	Wall-mounted
Mounting	Screw fixation
IFastening Torque of Terminals(N.m)	0.5-1.8
Location	Indoor or outdoor
Ambient Temperture	-40°C to +85°C
Altitude	Below 2000m
Pollution Level	III
Installation Class	IP66

SISO-40/MD DC ISOLATOR SWITCH



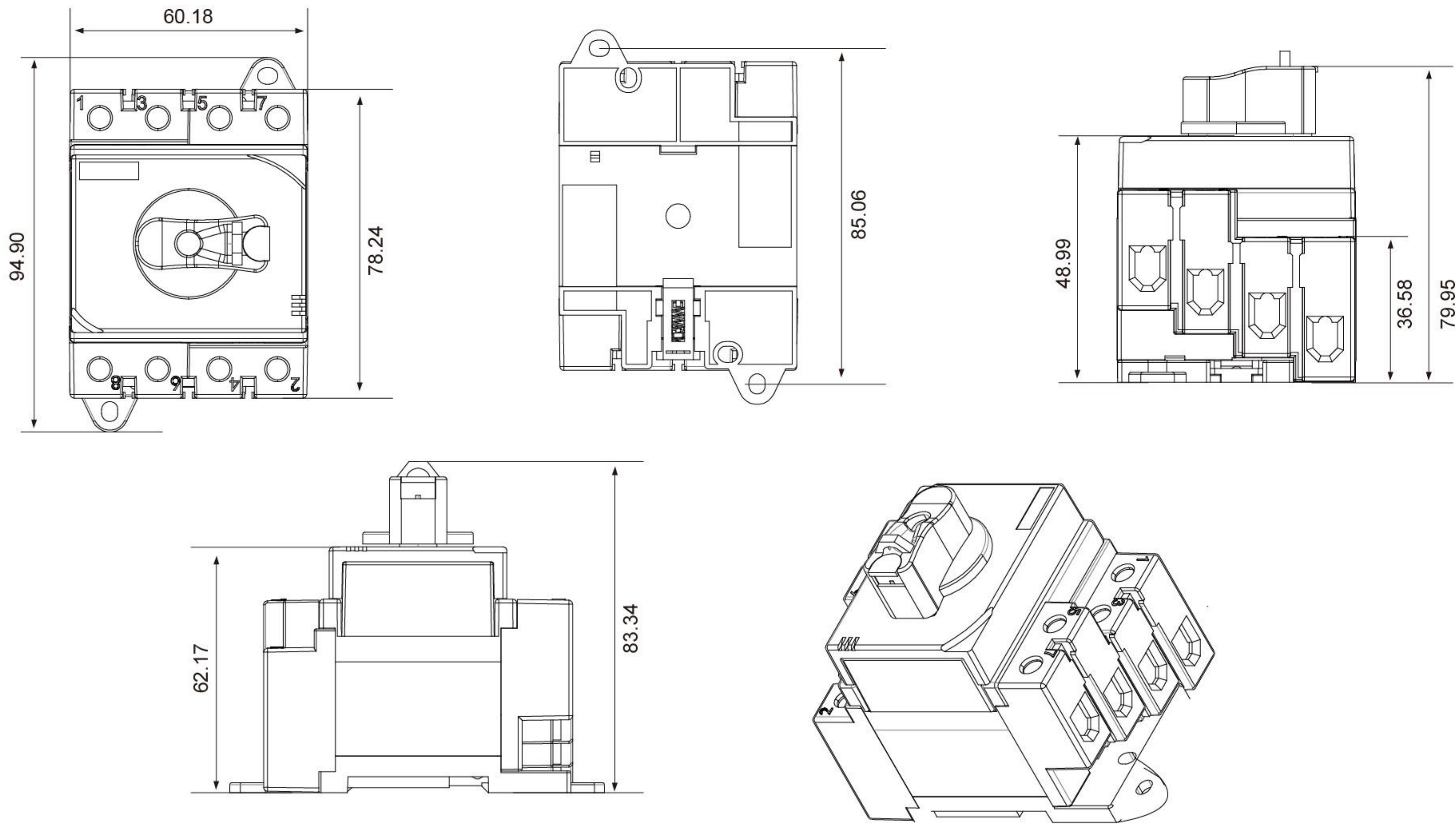
PRODUCT ADVANTAGES

- Non-polarity DC Isolator Switch.
- Modular design, optional 2-10 levels.
- Positive contact or reverse contact optional.
- Plug-in module design.
- Single Hole/Panel/Distribution Board Mounting.
- IP66 protection.

GENERAL PARAMETERS

S	ISO-40	1000V	H
Enterprise code	Design Number	Rated Voltage	High Voltage
MD	40A	PV	
Din rail mounting	Rated Current	PV system	

DIMENSION (MM)



ELECTRICAL PARAMETERS

Product Model		SISO-40MD															
		S1				S2				S3				S4			
Rated Operational Voltage/Ue(V)																	
DC-PV2	Rated Operational Voltage/Ue(V)	≤600V	800V	1000V	1200V	≤600V	800V	1000V	1200V	≤600V				≤600V	800V	1000V	1200V
	Rated Current(A)	40A	25A	16A	10A	40A	40A	32A	32A	50A				40A	40A	32A	32A
Solid or Stranded		4-16mm ²															
Flexible		4-16mm ²															
Flexible (+ multicore cable end)		4-16mm ²															
Tightening Torque Terminal Screws M4		1.2-1.8Nm															
Tightening Torque Single Hole Mounting Nut M16		2.0-2.3Nm															
Tightening Torque Knob Screws M3		0.5-0.7Nm															
Switching On or Off torque		0.9-1.3Nm															
Knob Positions		12 o'clock OFF, 3 o'clock ON (9 o'clock OFF, 12 o'clock ON)															
Number of DC Poles		2 or 4 (6/8 optional)															
Distance of Contacts(per pole)		8mm															
Operation Temperature		-40℃ to 85℃															
Store Temperature		-40℃ to 85℃															
Pollution Degree		3															
Overvoltage Category		III															
IP Rating of Shafte and Mounting Nut		IP20															
Electrical Life	Actua	3000 Cycles															
	Standard	300 Cycles															
Electrical Life	Actua	10000 Cycles															
	Standard	10000 Cycles															

SISO-63/MD

DC ISOLATOR SWITCH



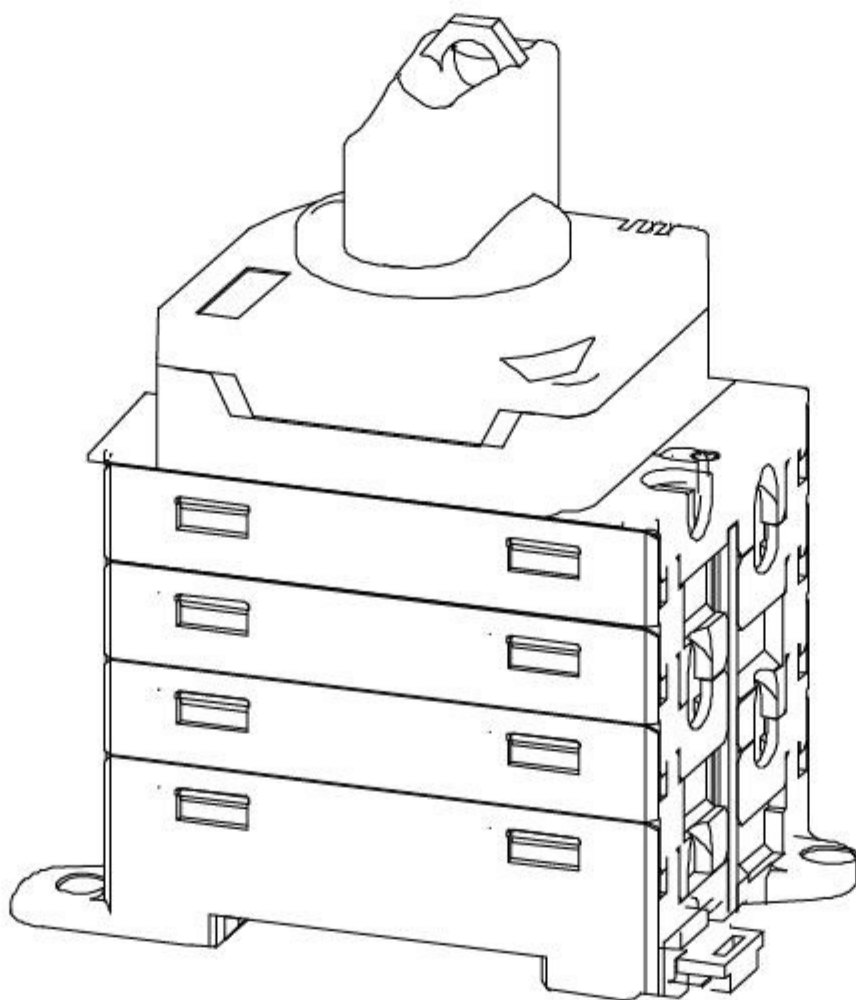
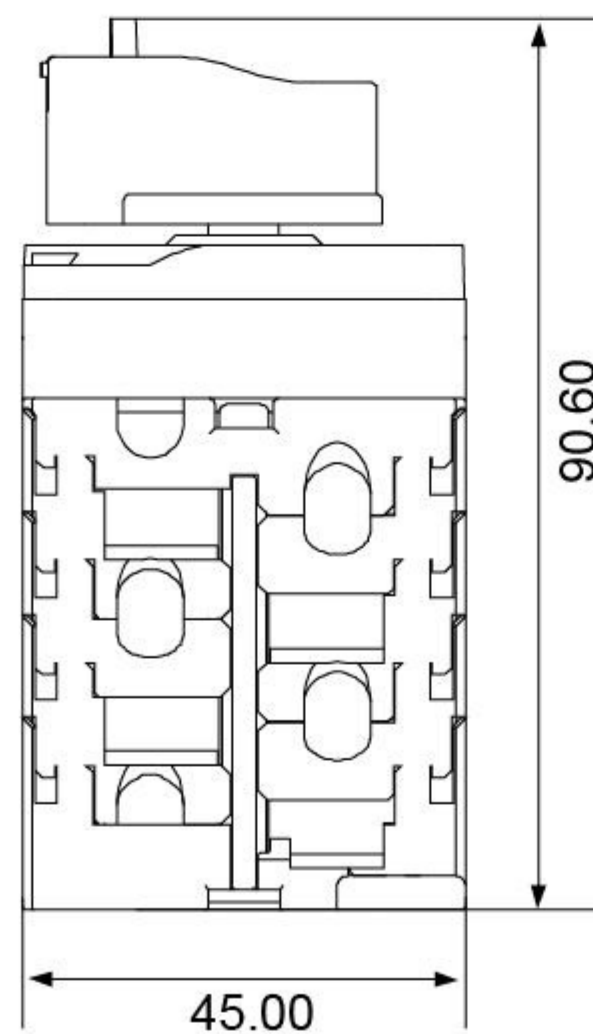
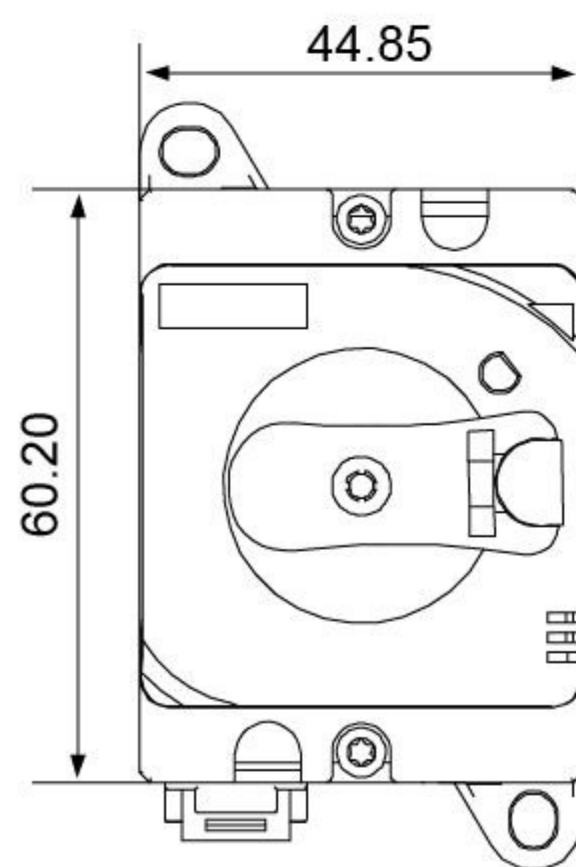
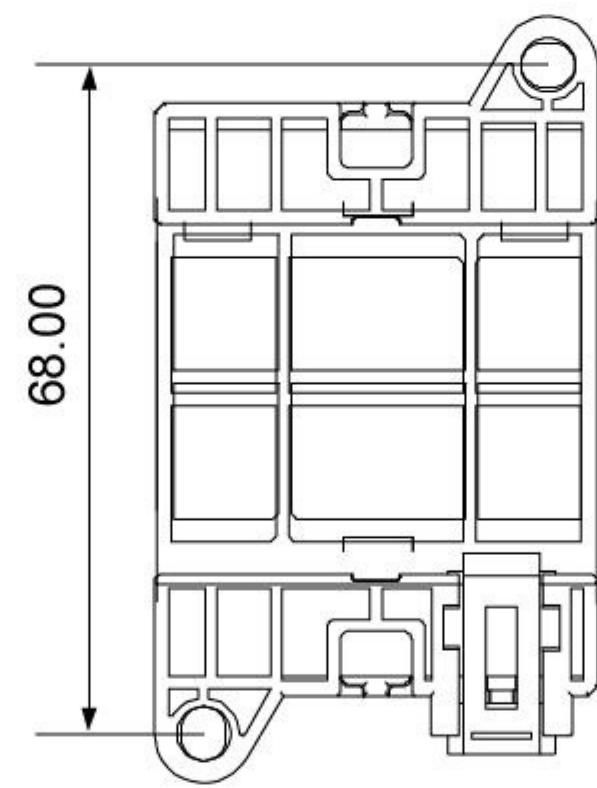
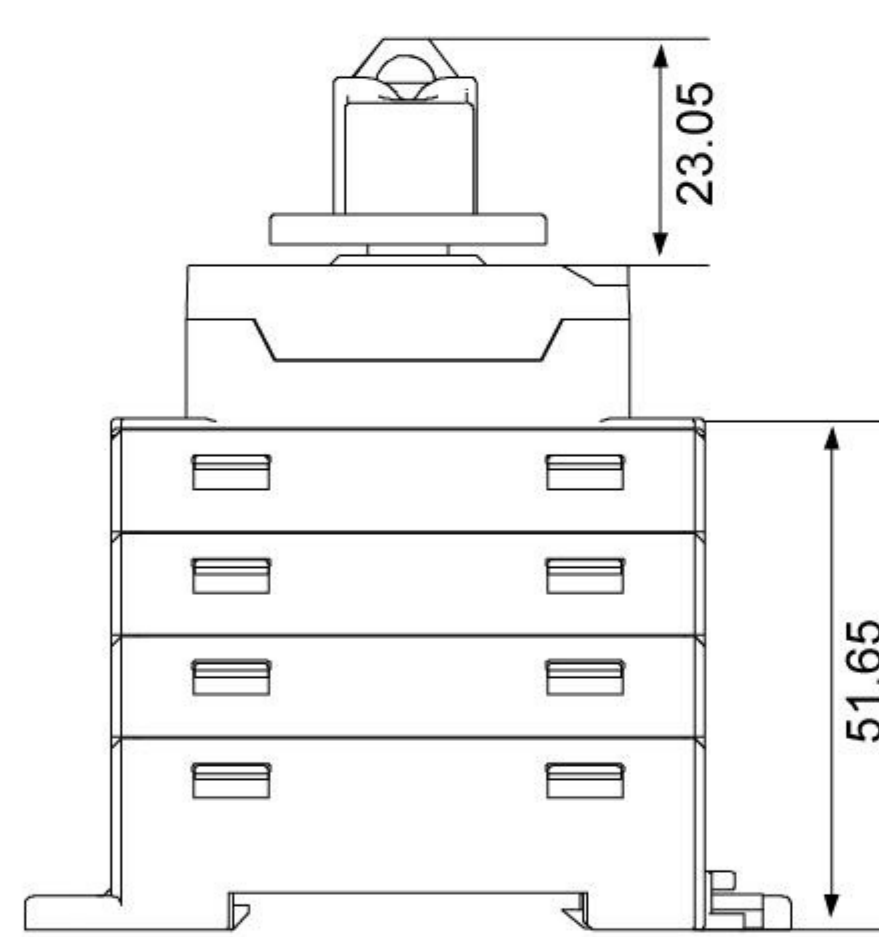
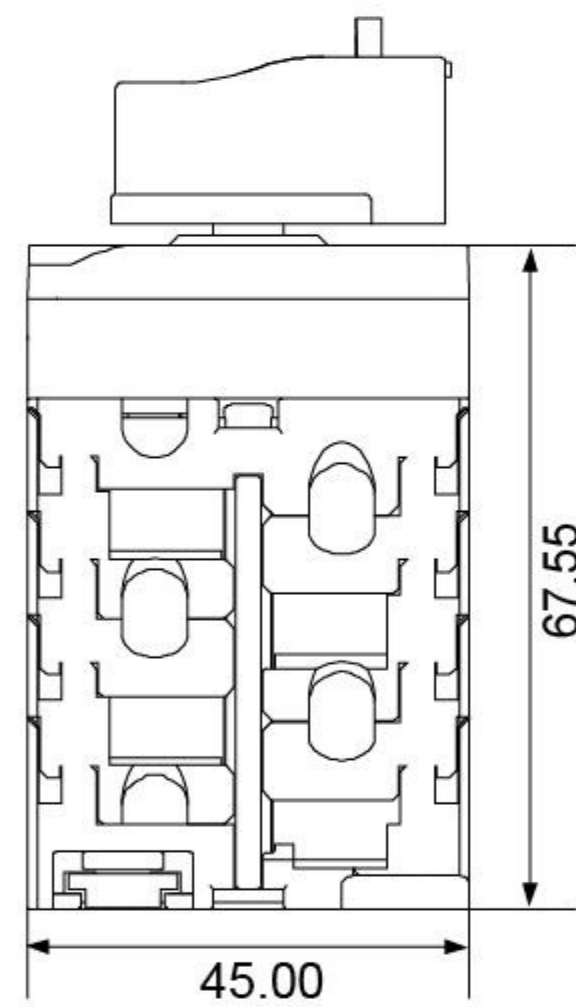
PRODUCT ADVANTAGES

- Non-polarity DC Isolator Switch.
- Modular design, optional 2-10 levels.
- Positive contact or reverse contact optional.
- Plug-in module design.
- Single Hole/Panel/Distribution Board Mounting.
- IP66 protection.

GENERAL PARAMETERS

S	ISO-40	1000V	H
Enterprise code	Design Number	Rated Voltage	High Voltage
MD	50A	PV	
Din rail mounting	Rated Current	PV system	

DIMENSION (MM)



ELECTRICAL PARAMETERS

Product Model		SISO-63MD																	
		2					4					4T		4B		4S			
Rated Operational Voltage/Ue(V)		+1 — ↙ ↘ +1 - 1 — ↙ ↘ - 1					+1 — ↙ ↘ +1 - 1 — ↙ ↘ - 1 +2 — ↙ ↘ +2 - 2 — ↙ ↘ - 2					+1 — ↙ ↘ +1 — ↙ ↘		↙ ↘ +1 ↙ ↘ +1		↙ ↘ - 1 ↙ ↘ - 1		+1 — ↙ ↘ +1 - 1 — ↙ ↘ - 1	
DC-PV2	Rated Operational Voltage/Ue(V)	600V	800V	1000V	1200V	1500V	600V	800V	1000V	1200V	1500V	600V/800V/1000V 1200V/1500V		600V/800V/1000V 1200V/1500V		600V/800V/1000V 1200V/1500V			
	Rated Current(A)	50A	40A	25A	18A	10A	50A	40A	25A	18A	10A	50A		50A		50A			
Solid or Stranded		4-16mm²																	
Flexible		4-16mm²																	
Flexible (+ multicore cable end)		4-16mm²																	
Tightening Torque Terminal Screws M4		1.2-1.8Nm																	
Tightening Torque Single Hole Mounting Nut M16		2.0-2.3Nm																	
Tightening Torque Knob Screws M3		0.5-0.7Nm																	
Switching On or Offtorque		0.9-1.3Nm																	
Knob Positions		12 o'clock OFF,3 o'clock ON(9 o'clock OFF,12 o'clock ON)																	
Number of DC Poles		2 or 4 (6/8 optional)																	
Distance of Contacts(per pole)		8mm																	
Operation Temperature		-40℃ to 85℃																	
Store Temperature		-40℃ to 85℃																	
Pollution Degree		3																	
Overvoltage Category		II																	
IP Rating of Shafte and Mounting Nut		IP20																	
Electrical Life	Actua	3000 Cycles																	
	Standard	300 Cycles																	
Electrical Life	Actua	10000 Cycles																	
	Standard	10000 Cycles																	