



Description

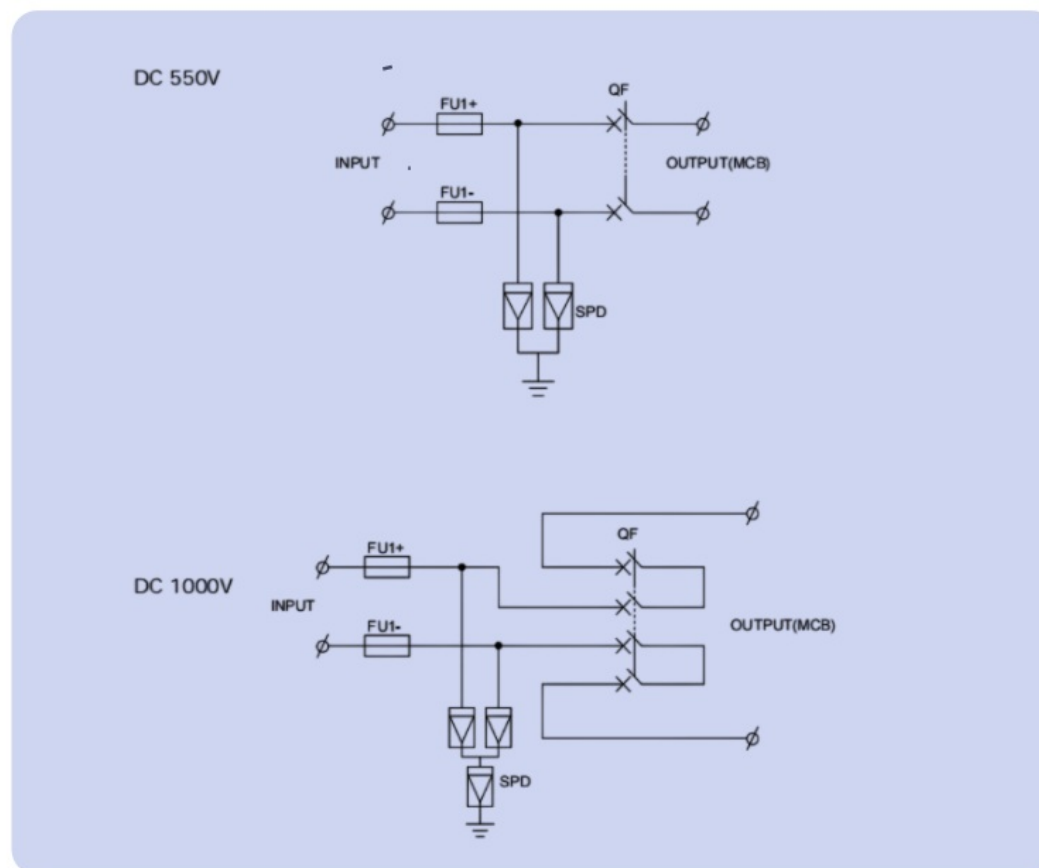
Type2 Solar DC Surge Protective Device (DC SPD)

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), especially if the line routing is external and long.

Specifications

YLN CN Surge protector	CY-D40			
PVDC-specific	EN61643-31			
Pole	2P	2P	3P	3P
Classified test	II	II	II	II
Uoc max(VDC)	600	800	1000	1500
Uc(VDC)	600	800	1000	1500
In(8/20)us(kA)	20	20	20	20
Imax(8/20)us (kA)	40	40	40	40
Up(KV)	2.0	2.5	3.8	5.3

Drawing



Remote Signal Contact

	Maximum working voltage (V)	250VAC/30VDC	250VAC/30VDC
Remote signal contact	Maximum working current (A)	1A(250VIAC)	1A(250VIAC)
	1A(30V DC)	1A(30V/AC)	1A(30VIAC)

Installation and Dimensions

	Hard wire	4~25	4~25
Wiring capacity(mm ²)	Flexible wire	4~16	4~16
Stripping length(mm)		10	10
Terminals crwa		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		No obvious shock and vibration	
Altitude(m)		2000	2000
Working Temperature		-30℃~+70℃	-30℃~+70℃
Relative humidity		30%~90%	30%~90%
How to install		Installed with H 35-7.5/DIN35 steel mounting rail	
Size(mm) (W×H×L)	W	36	54
	H	90	90
	L	67.6	67.6
Weight (kg)		0.24	0.36