

## LD-40 PV

DC Surge Protective Device plays a crucial role in quickly and effectively protecting equipment in the event of overvoltage in DC circuits, preventing equipment damage and ensuring the safe operation of electronic and electrical devices.

- Prevents electric shock caused by electrostatic discharge.
- Protects electrical equipment from overvoltage damage.
- Prevents fires caused by static electricity accumulation.
- Suppresses interference caused by lightning strikes and induced lightning.

The green and red visual indicator flags show the module protective status (green = good, red = replace).



**DC Surge Protector**



## Specifications

LD-40 Surge protector	LD-40				
PVDC - specific	EN50539-11				
Pole	2P	2P	3P	3P	2P (COSTOMIZED)
Electrical parameter	/	/	/	/	/
Classified test	II	II	II	II	II
Uoc max (VDC)	600	800	1000	1500	12/24
Uc (VDC)	600	800	1000	1500	12/24
In (8/20)us (kA)	20	20	20	20	20
I <sub>max</sub> (8/20)us (kA)	40	40	40	40	40
Up(kV)	2.0	2.5	3.8	5.3	2.0

## Remote Signal Contact

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

## Installation and Dimensions

Wiring capacity (mm)	Hard wire	4~25	4~25
	Flexible wire	4~16	4~16
Stripping length (mm)		10	10
Terminals crcwa		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°C ~+70°C	-30°C ~+70°C
Relative humidity		30%~90 %	30%~90 %
How to install		Installed with H 35-7.5/DIN35 steel mounting rail	

## Dimensions(mm)

