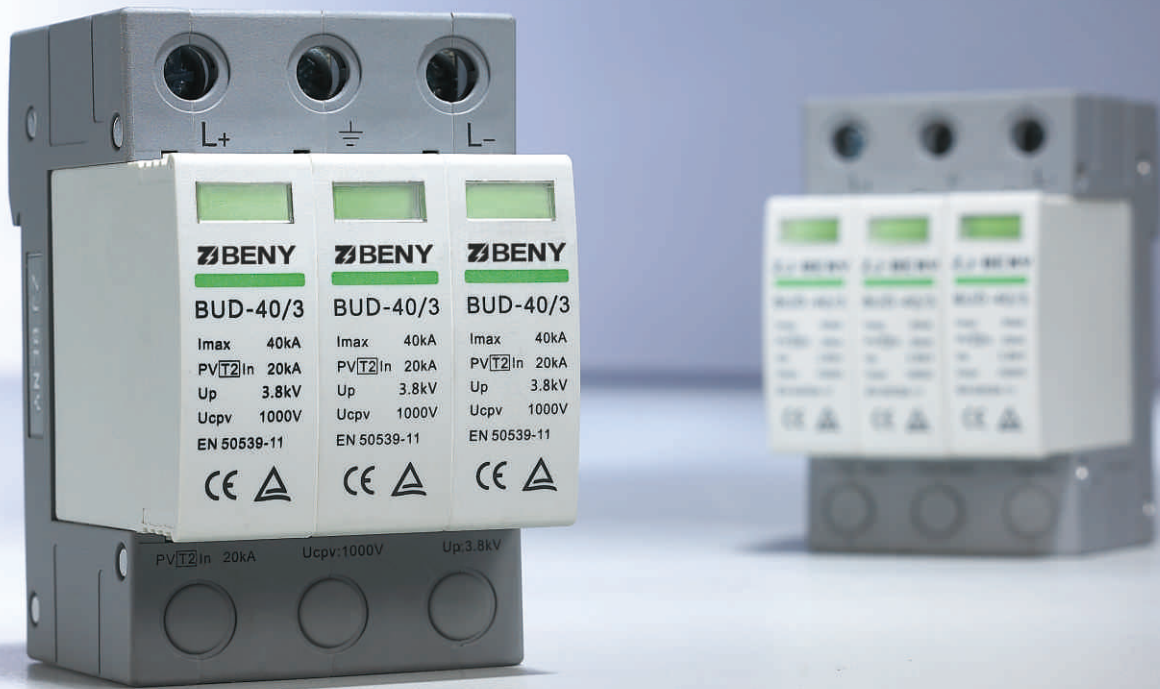


BUD-40/3

PV DC Surge Protection Device

Welcome to our website for more information:
www.zjbeny.com



BUD-40/3

PV DC Surge Protection Device

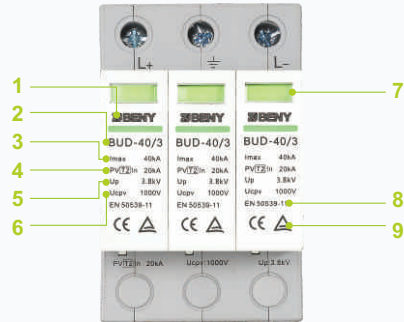


- 1 Brand
- 2 Type
- 3 Max. Discharge Current I_{max}
- 4 Nominal Discharge Current I_n
- 5 Voltage Protection Level U_p
- 6 Max. Continuous Operating Voltage U_{cpo}
- 7 Indicator
- 8 Standard Code
- 9 Certificate Symbol

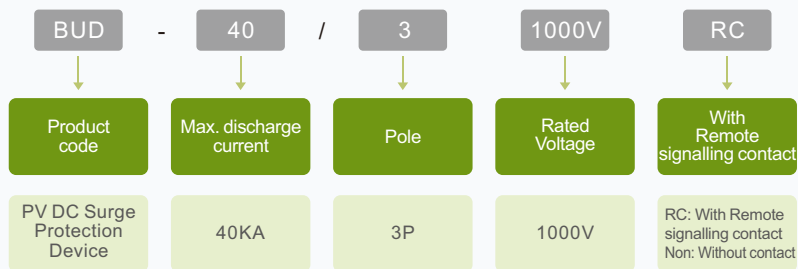
Application

ZBENY PV DC BUD-40/3 Surge Protection Device was designed and manufactured, complying the PV standard EN50539-11, It widely used in PV DC combiner box, inverter, controller and PV DC cabinet. Rated voltage 1000V DC, Maximum discharge current 40KA, High Energy Varistor, high effective for lightning protection.

Appearance Introduction



Type Instruction



- Suitable For Use in All Photovoltaic Systems
- Prewired Modular Complete Unit, Consisting of A Base Part and Plug-in Protection Modules
- Plug-in Protection Module, Easily Installation and Maintainance
- High Energy Varistor, Response Time Less Than 25 Nanosecond
- Optional Remote Signalling Contact(FM) for Monitoring Device (Floating Changeover Contact)
- Din Rail Mounting TH35-7.5/DIN35
- Comply with :EN 50539-11

Parameter

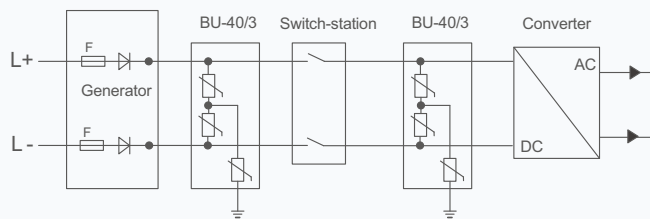
PV DC BUD-40/3 Surge Protection Device		
Pole	3P	
Standard	EN 50539-11	
Electrical Characteristics		
Category IEC/EN	IEC II/EN2	
Open Voltage U_{oc} Max	1000V DC	
Max Continuous Operational Voltage U_c	1000V DC	
Nominal Discharge Current $I_n(8/20)\mu s$	20KA	
Maximum Discharge Current $I_{max}(8/20)\mu s$	40KA	
Voltage Protection Level U_p	$\leq 3.8KV$	
Response Time	$\leq 25ns$	
Control and Indication		
Operating State/fault Indication	Green/Red	
Plug-in Protection Module		
Remote Signalling Contact (Optional)	Max. Working Voltage(V) Max. Working Current	
	30V DC 1A	
Connection And Installation		
Wire	Hard cable mm^2	4~25
	Flexible cable mm^2	4~16
Terminal Screws		M5
Torque(Nm)	Main Circuit	2.5
	Remote Contact	0.25
Degree of Protection		IP20
Installation Environment		
Operating Temperature Range (TU)		-40°C~ +80°C
For Mounting on		TH35-7.5/DIN35
Relative Humidity		30%~90%
Weight kg		0.36

DC Surge Protection Device

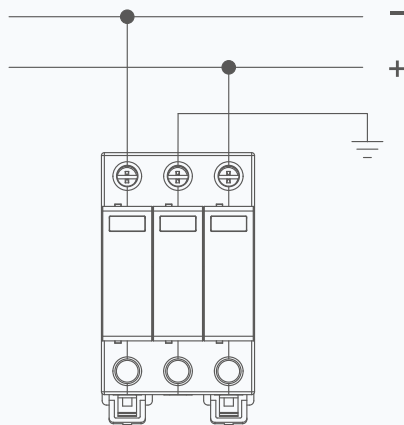
BUD-40/3

PV DC Surge
Protection Device

Principal Drawing



Wiring Method



Dimensions(mm)

