

► Overview

DC Surge Arrester BUD-40/3 is a Type 2 DC Surge Protection Device for DC side to protect the terminal devices in PV system from over voltage, like solarpanels or inverters. Available for 600Vdc ,1000Vdc, 1500Vdc.

- 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 Maintenance
- High Energy Varistor, Response Time Less Than 25 Nanosecond
- Optional Remote Signalling Contac(FM) for Monitoring Device (Floating Changeover Contact)
- Din Rail Mounting TH35-7.5/DIN35
- Comply with :EN 50539-11

► Technical parameters

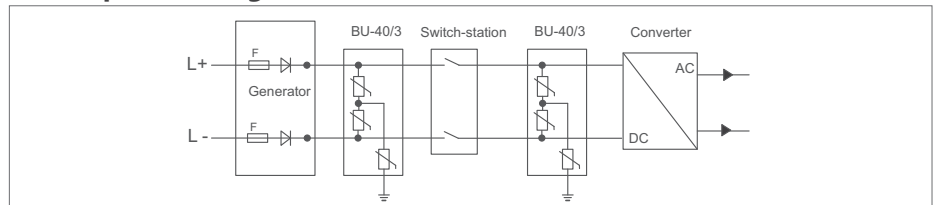


MDSP-1000



PV DC Surge Protection Device		
Modules	3 modules	
Standard	EN 50539-11	
Electrical Characteristics		
Open Voltage	Uoc Max	1000V/1500V
Max Continuous Operational Voltage	Uc	1000V/1500V
Nominal Discharge Current	In(8/20)µs	20KA
Maximum Discharge Current	I <sub>max</sub> (8/20)µs	40KA
Voltage Protection Level Up	Up	≤3.8KV
Response Time	tA	≤25ns
Indication		
Operating State/fault Indication	Green/Red	
Plug-in Protection Module	YES	
Type of remote signalling contact	changeover contact	
Remote Signalling Max Working Voltage	30V DC	
Remote Signalling Max Working Current	1A	
Connection And Installation		
Cross sectional area	min	1.5 mm <sup>2</sup> solid / flexible
Cross sectional area	max	35 mm <sup>2</sup> stranded   25 mm <sup>2</sup> flexible
Connection	mm <sup>2</sup>	By screw terminal 4-25 mm <sup>2</sup>
Torque(Nm)	Main Circuit	2.5
	Remote Contact	0.25
For mounting on 35 mm DIN rails		
Place of installation	indoor installation	
Degree of Protection	Ip20	
Installation Environment		
Operating Temperature Range	TU	-40°C + 80°C
Relative Humidity	30%~90%	
Weight kg	0.36	

► Principal Drawing



► Dimensions(unit:mm)

