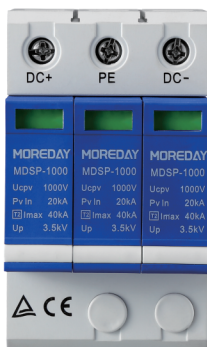


► Overview

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 Maintainance
- 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

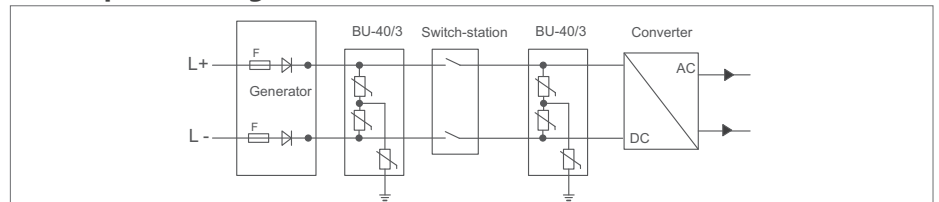


MDSP-1000



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 _{max} (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 ² solid / flexible
Cross sectional area	max	35 mm ² stranded / 25 mm ² flexible
Connection	mm ²	By screw terminal 4-25 mm ²
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)

