



MDSP



PV DC Surge Protection Device

- Maximum discharge current 40kA
- Pole: 2P, 3P
- U_c : 600/1000/1500V
- U_p : $\leq 3.8kV$
- Pluggable and replaceable module
- EN 50539-11



MDSP-600

MDSP-1000

MDSP-1500

MDSP Type II



PV DC Surge Protection Device

- Maximum discharge current 40kA
- Pole: 2P, 3P
- U_c : 600/1000/1500V
- U_p : $\leq 3.8kV$
- Pluggable and replaceable module
- EN 50539-11

MDSP Type I + II



PV DC Surge Protection Device

- Location of Use: String box, Inverter
- Mode of Protection: (DC+)- PE, (DC-)- PE, (DC+)- (DC-)
- Surge Ratings: $I_{total} = 12.5 kA (10/350 \mu s)$ $I_{total} = 40 kA (8/20 \mu s)$
- IEC/EN/UL Category: Class I+II/ Type 1+2
- Protective Elements: High Energy MOV
- Housing: Pluggable Design
- Compliance: IEC 61643-31 EN 61643-31 UL 1449 4th Edition



MDSP-1000 T2

MDSP-1000 T1+T2



MD1-40 Type II



AC Surge Protection Device

- Rated voltage: 380V/220V
- Pole: 2P, 4P, 3P(380V)
- Maximum discharge current 40kA
- U_c : 175/275/385/420V
- Pluggable and replaceable module
- IEC61643-11



MD1-40 Type I + II



AC Surge Protection Device

- Rated voltage: 380V/220V
- Pole: 2P, 4P, 3P(380V)
- Maximum discharge current 50kA
- U_c : 75/150/275/320/385/440V
- Pluggable and replaceable module
- IEC61643-11