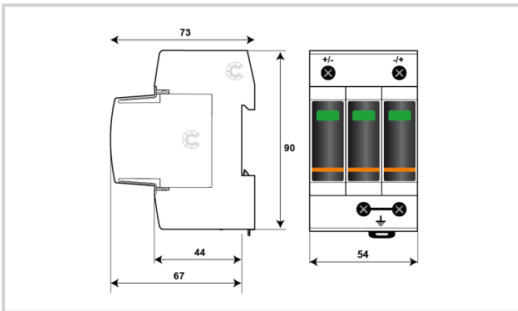


DDC50-21Y-500



- ↳ DC power Type 2 SPD
- ↳ For Energy Storage/EV Charging
- ↳ In/Imax: 20/50 kA
- ↳ Pluggable modules
- ↳ Remote signaling (option)
- ↳ prIEC 61643-41 compliance



| Electrical Characteristics | |
|---|--|
| SPD type (following IEC tests) | 2 |
| Nominal DC voltage | Un-dc 450 Vdc |
| Max. DC operating voltage | Uc 500 Vdc |
| Residual Current (Leakage current to Ground) | Ipe < 0.1 mA |
| Nominal discharge current (15 x 8/20 µs impulses) | In 20 kA |
| Max. discharge current (max. withstand @ 8/20 µs by pole) | Imax 50 kA |
| Impulse current by pole (max. withstand 10/350µs by pole) | Iimp 4 kA |
| Protection level +/- (@ In (8/20µs)) | Up 2.1 kV |
| Protection level +/-PE (-/PE)(@ In (8/20µs)) | Up 2.1 kV |
| Admissible short-circuit current | Iscrcr 100 000 A |
| Mechanical Characteristics | |
| Connection to Network | by screw terminals: 2.5-25 mm ² |
| Pluggable | Yes |
| Mounting | Symmetrical rail 35 mm (EN 60715) |
| Housing material | Thermoplastic UL94-V0 |
| Operating temperature | Tu -40/+85°C |
| Protection rating | IP20 |
| Failsafe mode | Disconnection from network |
| Disconnection indicator | 1 mechanical indicator by pole - Red/Green |
| Spare module(s) | MDDC50-500 |
| Remote signaling of disconnection | option DDC50S-21Y-500: output on changeover contact |
| Dimensions | See diagram - 3 TE (EN43880) |
| Weight | 0.292 kg |
| Disconnectors | |
| Thermal disconnecter | Internal |
| Fuses | 50 A min. (Iscrcr 100 kA) - 125 A max. (Iscrcr 50 kA) - gBat Fuses |
| Standards | |
| Standards compliance | prIEC 61443-41 - IEC61643-11 |
| Part number | |
| 828511253 | |

