

Technical data MDC1A-040-1000

MERZ Schaltgeräte GMBH + CO KG
Postfach 02 15 · DE - 74402 Gaildorf

| acc. IEC 60947-1, IEC 60947-3, CCC | | | |
|--|---------------|-----------------|----------|
| Rated insulation Voltage | | Vdc | 1000 |
| Conventional thermal current I_{th} | open | Adc | 40 |
| Rated impulse withstand voltage U_{imp} | | kV | 8 |
| Ratings | | | |
| Rated operational voltage U_e | DC-21B | Vdc | |
| Rated operational current I_e | | Adc | |
| Rated operational voltage U_e | DC-21B | Vdc | 1000 |
| Rated operational current I_e | | Adc | 40 |
| Rated operational voltage U_e | DC-PV1 | Vdc | 400 |
| Rated operational current I_e | | Adc | 40 |
| Rated operational voltage U_e | DC-PV1 | Vdc | 600 |
| Rated operational current I_e | | Adc | 40 |
| Rated operational voltage U_e | DC-PV1 | Vdc | 800 |
| Rated operational current I_e | | Adc | 40 |
| Rated operational voltage U_e | DC-PV1 | Vdc | |
| Rated operational current I_e | | Adc | |
| Rated short time withstand current $I_{cw 1sec}$ | | Adc | 540 |
| Rated short time making capacity I_{cm} | | Adc | 540 |
| Pollution degree | | | 3 |
| Overvoltage category | | | III |
| Terminal cross section solid or multi-stranded | min./max. | mm ² | 1,5 - 10 |
| Finely stranded with ferrule | min./max. | mm ² | 1,5 - 10 |
| Terminal screws | | | M4 |
| Torque terminal screws | | Nm | 2 |
| Ambient temperature | | °C | +70/-40 |
| Ambient temperature peaks up to | | °C | +75 |

Available for 1, 2 and 3MPPT

