

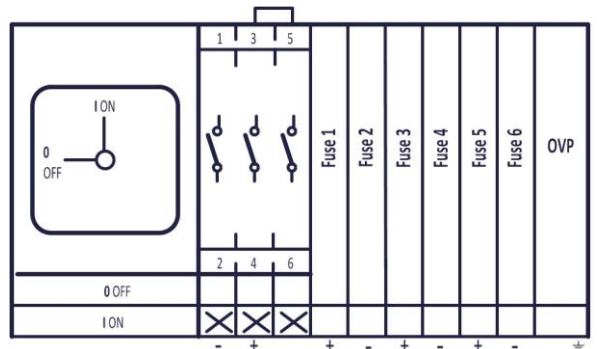
Technical Data Sheet

Part No.: 6104930000
Product Code: **MDC1A-040-600-3V-3STR-OVP-Exel**

Maximum number of strings: 3
Maximum current per string: 8A@ 1000 Vdc
10A@ 800 Vdc
13A@ 600 Vdc
Number of fuses: 6
Size of fuses: 10x38mm
Overvoltage protection: included
DC disconnect switch: MDC1A-040-600-3V-9121

DC-Disconnect Switch for Solar Inverters

2-pole 3 Contacts
Cable link 1
Switching Angle 90°
Inscription O OFF – I ON
Application base mounting on DIN rail 35mm
Handle P15.9, OFF-Position 9 o'clock
Front Plate grey
Mech. Dimensions see table below
Utilization Cat. DC21B
Envirn. Rating IP65
Certification IEC 60947-1,-3



Electrical Data Series MDC1A:

Rated Operational Voltage Ue
Rated Operational Current Ie
Rated Impulse Withstand Voltage Uimp
Rated Insulation Voltage Ui

VDC [V]	400	600	800	1000
ADC [A]	40	40	32	25

8kV
1000V

Ambient temperature -25°C to +60°C over 24h, with peaks to 75°C

Wiring
Fuse 1 = Generator/Panel (+) 4 = Inverter (+)
Fuse 3 = Generator/Panel (+)
Fuse 5 = Generator/Panel (+)
Fuse 2 = Generator/Panel (-) 2 = Inverter (-)
Fuse 4 = Generator/Panel (-)
Fuse 6 = Generator/Panel (-)
Earth = OVP

