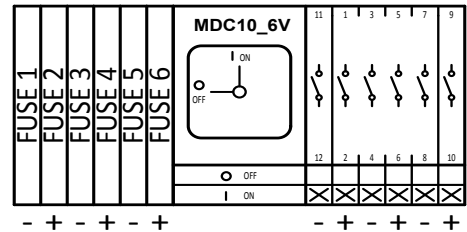
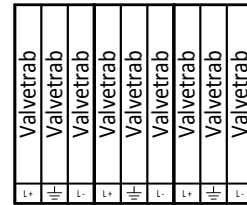


## Technical Data Sheet

### Description

Part No. 6163190000  
 Product Code MDC10-040-1000-6V-3STR-OVP-EXEL

Maximum number of strings: 3  
 Maximum current per string: 15A@ 1000Vdc  
 Number of fuses: 6  
 Size of fuses: 10x38mm, 15A  
 Overvoltage protection: included  
 DC disconnect switch: MDC10-040-1000-6V-9121U



### DC-Disconnect Switch for Solar Inverters

6-pole 3 x 2 Contacts  
 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  
 Envirm. Rating IP65  
 Marking CE

### Electrical Data Series MDC10-040-1000-6 acc. to IEC 60947-3 DC21B:

nominal voltage [V DC]	nominal current [A DC]
600	36
800	25
1000	16

Rated Impulse Withstand Voltage Uimp 8 kV  
 Overvoltage category 3

**Non-polarized switch:** Change of current flow direction or polarity is allowed

Wiring Fuse 1 = Generator/Panel (-)      12 = Inverter (-)      Fuse 2 = Generator/Panel (+)      2 = Inverter (+)  
 Fuse 3 = Generator/Panel (-)      4 = Inverter (-)      Fuse 4 = Generator/Panel (+)      6 = Inverter (+)  
 Fuse 5 = Generator/Panel (-)      8 = Inverter (-)      Fuse 6 = Generator/Panel (+)      10 = Inverter (+)

