

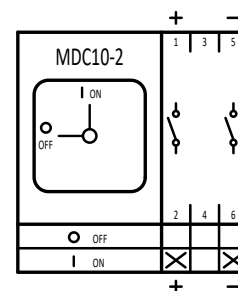
Technical data sheet

Description

Article Number **6163980000**
 Type description **MDC10-040-1000-2V-1MPPT-EXEL**

DC disconnect switch for Solar Inverters

Max. number MPPT 1
 Max. current MPPT see table below
 DC disconnect switch MDC10-040-1000-2V-9121
 Enclosure polycarbonate, grey
 (Door: polycarbonate, transparent)
 Ambient Temperature -25°C to +40°C
 Degree of protection IP65



Electrical Data series “MDC10-040-1000-2” acc. IEC 60947-3

Utilization category	DC-PV1, DC-21B
Rated operational current I_e	[Vdc] 400 600 800 1000 1200
Rated operational current I_e	[A] 50 45 32 20 8
Utilization category	DC-PV2
Rated operational current I_e	[Vdc] 400 600 800 1000
Rated operational current I_e	[A] 18.75 16.8 12 7.5
Rated Insulation Voltage U_i	1200 V
Rated short-time withstand current I_{cw}	600 A/1sec.
Rated short-circuit making capacity I_{cm}	600 A

Torque terminal screws 1.2 – 1.4 Nm
 Connecting cable: stranded wire with sleeve 2.5 – 10 mm²

Wiring Non-polarized switch
 Change of current flow direction or polarity is allowed.

Dimensions (mm)

