

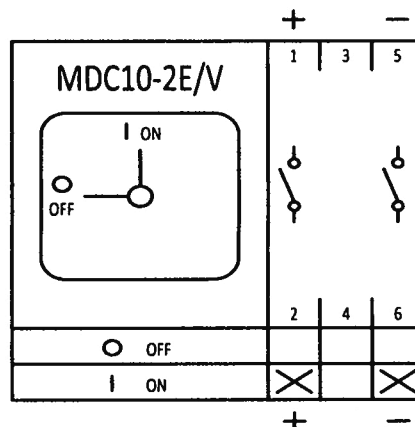
Temporary Technical datasheet

Description

Article Number **6164220000**
 Type description **MDC10-040-1000-2V-9121U-EVS**

Enclosed DC-Disconnect Switch for Solar Inverters

2 pole 2 X 1 contact
 Switching Angle 90°
 Inscription O OFF – I ON
 Application Off-position at 9 o'clock
 Handle DIN-rail or base mounting
 Front plate EVS handle, black, O-position at 9 o'clock
 Maintenance lockable in O-position
 Mech. Dimensions Grey
 Environmental Rating Maintenance-free
 Standard see page 2
 Pollution Degree IEC 60947-3
 Overvoltage Category III



Electrical Data Series MDC10-040-1000-2 according to IEC 60947-3:

Utilization Category	DC-21B; DC-PV1				
Rated operational voltage U_o	[Vdc]	400	600	800	1000
Rated Operational Current I_o	[Adc]	50	45	32	20
Utilization Category	DC-PV2				
Rated operational voltage U_o	[Vdc]	400	600	800	1000
Rated Operational Current I_o	[Adc]	18.75	16.8	12	7.5
Rated short time withstand current I_{cw}	600A – 1 sec.				
Rated short time making capacity I_{cm}	600A				
Rated Impulse Withstand Voltage U_{imp}	8kV				
Rated Insulation Voltage U_i	1000V				

Wiring 2 = Generator/Panel (+) 1 = Inverter (+)
 6 = Generator/Panel (-) 5 = Inverter (-)

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data

Switch to Quality!

Torque terminal screws:	1.2 Nm
Cross section solid or stranded:	1.5 – 16mm ²
Stranded wire with sleeve:	1.5 – 16mm ²
Stripping length	12mm

Mechanical Dimensions (mm)

