

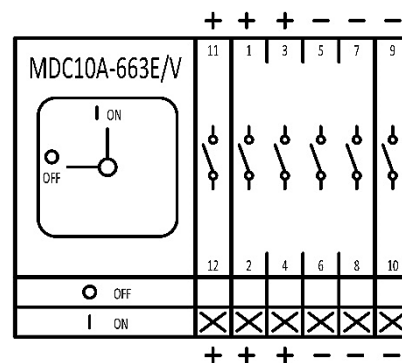
Temporary technical data sheet

Description

Article Number **6166340000**
Type description **MDC10A-663V-3MPPT-EXEL**

DC disconnect switch for Solar Inverters

Max. number MPPT 3
Max. current MPPT see table below
DC disconnect switch MDC10A-663V-9121
Enclosure polycarbonate, grey
(Door: polycarbonate, transparent)
Ambient Temperature -25°C to +40°C
Degree of protection IP65



Electrical Data series "MDC10A-663" acc. IEC 60947-3

Utilization category DC-PV1, DC-21B
Rated operational current I_e [Vdc] 600 1000
Rated operational current I_e [A] 50 25
Rated Insulation Voltage U_i 1000 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

MPPT1	12 = Generator/Panel (+) 11 = Inverter (+) 6 = Generator/Panel (-) 5 = Inverter (-)
MPPT2	2 = Generator/Panel (+) 1 = Inverter (+) 8 = Generator/Panel (-) 7 = Inverter (-)
MPPT3	4 = Generator/Panel (+) 3 = Inverter (+) 10 = Generator/Panel (-) 9 = Inverter (-)

Dimensions (mm)

