

Technical Data MDC40-160-1000-4

MERZ Schaltgeräte GMBH + CO KG
Postfach 02 15 · DE - 74402 Gaildorf

acc. IEC 60947-1, IEC 60947-3, CCC			
Rated insulation Voltage		Vdc	1000
Conventional thermal current I_{th}	open	Adc	160
Rated impulse withstand voltage U_{imp}		kV	8
Rating			
Rated operational voltage U_e	DC-21B	Vdc	
Rated operational current I_e		Adc	
Rated operational voltage U_e	DC-21B	Vdc	1000
Rated operational current I_e		Adc	160
Rated operational voltage U_e	DC-PV1	Vdc	
Rated operational current I_e		Adc	
Rated operational voltage U_e	DC-PV1	Vdc	
Rated operational current I_e		Adc	
Rated operational voltage U_e	DC-PV1	Vdc	
Rated operational current I_e		Adc	
Rated operational voltage U_e	DC-PV1	Vdc	1000
Rated operational current I_e		Adc	160
Rated operational voltage U_e	DC-PV2	Vdc	
Rated operational current I_e		Adc	
Rated operational voltage U_e	DC-PV2	Vdc	
Rated operational current I_e		Adc	
Rated operational voltage U_e	DC-PV2	Vdc	
Rated operational current I_e		Adc	
Rated operational voltage U_e	DC-PV2	Vdc	1000
Rated operational current I_e		Adc	160
Rated short time withstand current $I_{cw 1sec}$		Adc	2000
Rated short time making capacity I_{cm}		Adc	2000
Cross-section		AWG	2,5 – 16
Pollution degree			3
Overtoltage category			III
Terminal cross section solid or multi-stranded	min./max.	mm ²	---
Finely stranded with cable shoe	min./max.	mm ²	bis 70
Terminal screws			M6 cable shoe
Torque terminal screws		Nm	3,0
Ambient temperature		°C	+40/-5
Ambient temperature peaks up to		°C	+90

Available for 1, 2 MPPT

