

Technical data MDC1A-045-600

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	45
Rated impulse withstand voltage U_{imp}		kV	8
Ratings			
Rated operational voltage U_e	DC-21B	Vdc	
Rated operational current I_e		Adc	
Rated operational voltage U_e	DC-21B	Vdc	
Rated operational current I_e		Adc	
Rated operational voltage U_e	DC-PV1	Vdc	400
Rated operational current I_e		Adc	45
Rated operational voltage U_e	DC-PV1	Vdc	600
Rated operational current I_e		Adc	45
Rated operational voltage U_e	DC-PV1	Vdc	800
Rated operational current I_e		Adc	32
Rated operational voltage U_e	DC-PV1	Vdc	1000
Rated operational current I_e		Adc	25
Rated short time withstand current $I_{cw 1sec}$		Adc	540
Rated short time making capacity I_{cm}		Adc	540
Pollution degree			3
Overvoltage category			III
Terminal cross section solid or multi-stranded	min./max.	mm ²	1,5 - 10
Finely stranded with ferrule	min./max.	mm ²	1,5 - 10
Terminal screws			M4
Torque terminal screws		Nm	2
Ambient temperature		°C	+70/-40
Ambient temperature peaks up to		°C	+75

Available for 1, 2 and 3MPPT

