

Technical data MDC1A-040-1000UL

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

acc. UL508i			
Electrical ratings			
Rated operational voltage U_e		Vdc	600
Rated operational current I_e		Adc	40
Rated operational voltage U_e		Vdc	850
Rated operational current I_e		Adc	36
Rated operational voltage U_e		Vdc	1000
Rated operational current I_e		Adc	32
Rated insulation voltage U_i		Vdc	1000
Short circuit rating I_{cw}		kA	5
Rated impulse withstand Voltage U_{imp}		kV	8
Max. fuse rating (gPV)		Adc/Vdc	80/1000
Environmental ratings			
Maximum surrounding air temperature		°C	70
Pollution degree		Cat.	3
Over voltage category		Cat.	III
Wiring ratings			
Wire size stranded with ferrule		AWG	14-8
Conductor material			Cu
Conductor temperature rating		°C	105
Strip length		mm	12
Terminal screws			M4
Torque terminal screws		Nm	2,0

Available for 1, 2 and 3MPPT

