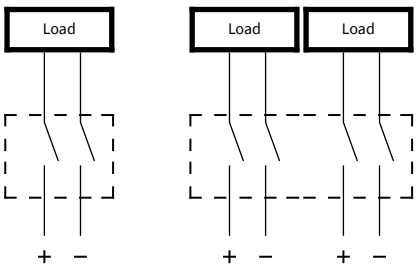
data

Technical_data_MDC1A-045-600
Version: 01.01.2021

Technical data MDC1A-045-600

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
Rating			
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-21B**	Vdc	400
Rated operational current I_e		Adc	45
Rated operational voltage U_e	**DC-21B**	Vdc	600
Rated operational current I_e		Adc	45
Rated operational voltage U_e	**DC-21B**	Vdc	800
Rated operational current I_e		Adc	32
Rated operational voltage U_e	**DC-21B**	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 and 2 MPPT



Subject to change without notice, errors and errata excepted.

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