

Technical\_data\_MDC10\_050\_1000\_4

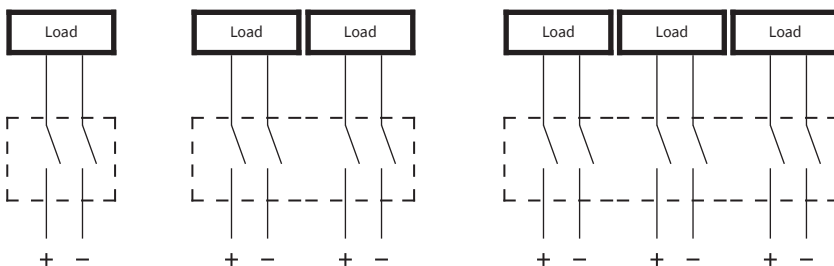
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## Technical data MDC10-050-1000-4

acc. IEC 60947-1, IEC 60947-3, CCC			
Rated insulation Voltage		Vdc	1000
Conventional thermal current $I_{th}$	open	Adc	50
Rated impulse withstand voltage $U_{imp}$		kV	8
<b>Rating</b>			
Rated operational voltage $U_e$	<b>DC-21B</b>	Vdc	1000
Rated operational current $I_e$		Adc	50
Rated operational voltage $U_e$	<b>DC-21B</b>	Vdc	1500
Rated operational current $I_e$		Adc	16
Rated operational voltage $U_e$	<b>DC-PV1</b>	Vdc	400
Rated operational current $I_e$		Adc	50
Rated operational voltage $U_e$	<b>DC-PV1</b>	Vdc	600
Rated operational current $I_e$		Adc	50
Rated operational voltage $U_e$	<b>DC-PV1</b>	Vdc	800
Rated operational current $I_e$		Adc	50
Rated operational voltage $U_e$	<b>DC-PV1</b>	Vdc	1000
Rated operational current $I_e$		Adc	50
Rated operational voltage $U_e$	<b>DC-PV2</b>	Vdc	400
Rated operational current $I_e$		Adc	18
Rated operational voltage $U_e$	<b>DC-PV2</b>	Vdc	600
Rated operational current $I_e$		Adc	18
Rated operational voltage $U_e$	<b>DC-PV2</b>	Vdc	800
Rated operational current $I_e$		Adc	18
Rated operational voltage $U_e$	<b>DC-PV2</b>	Vdc	1000
Rated operational current $I_e$		Adc	18
Rated short time withstand current $I_{cw, 1sec}$		Adc	600
Rated short time making capacity $I_{cm}$		Adc	600
Cross-section		AWG	14 -6
Pollution degree			3
Overvoltage category			III
Terminal cross section solid or multi-stranded	min./max.	mm <sup>2</sup>	1,5 - 16
Finely stranded with ferrule	min./max.	mm <sup>2</sup>	1,5 - 16
Terminal screws			M4
Torque terminal screws		Nm	1,2 - 1,4
Ambient temperature		C°	+75/-25
Ambient temperature peaks up to		C°	+75(+65)

Available for 1, 2 and 3MPPT



Subject to change without notice, errors and errata excepted.