

Selection Data	CAD11	CAD12
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Rated Insulation Voltage U_i		IEC 60947-3, EN 60947-3 ¹ VDE 0660 part 107 SEV ² UL/Canada min. voltage	V V V V	600 600 300 0,03	600 600 300 6
Rated Impulse Withstand Voltage U_{imp}				on request	
Rated Thermal Current I_{th}		IEC 60947-3, EN 60947-3 ¹ VDE 0660 part 107 SEV ² UL/Canada	A A A	6 5 6	6 5 6
Rated Operational Current I_n		IEC 60947-3, EN 60947-3 ¹ VDE 0660 part 107 UL/Canada ³			
AC-21A	Switching of resistive loads, including moderate overloads	1 V/6 V	A	6/3	—/6
		12 V/24 V	A	2/1	5/5
		48 V/110 V	A	0,8/0,4	4/3
		220 V/400 V	A	0,2/0,13	2/1,3
		440 V/500 V	A	0,1/0,08	1/0,8
		600 V	A	0,05	0,5
AC-1	Resistive or low inductive loads	1 V/6 V	A	5/3	—/5
		12 V/24 V	A	2/1	5/5
		48 V/110 V	A	0,8/0,4	4/3
		220 V/380 V	A	0,2/0,13	2/1,3
		440 V/500 V	A	0,1/0,08	1/0,8
		600 V	A	0,05	0,5
Short Circuit Protection					
Max. fuse size		(gL-characteristic)	A	6	6
Rated short-time withstand current		(1s-current)	A	35	50
DC Switching Capacity		IEC 60947-3, EN 60947-3 VDE 0660 part 107 SEV ² UL/Canada ³			
DC-1	Resistive load T = 1 ms	1 V/6 V	A	4/2,5	—/4
		12 V/24 V	A	1,5/0,8	3/2,2
		48 V/60 V	A	0,3/0,27	1,2/1
		110 V/220 V	A	0,2/0,1	0,6/0,3
		240 V/500 V	A	0,08/0,03	0,25/0,1
		600 V	A	0,02	0,1
Max. Permissible Wire Gage					
Single-core or stranded wire				2x	2x
		mm ²		2,5	2,5
		AWG		12	12
Flexible wire (sleeving in accordance with DIN 46228)				2x	2x
		mm ²		2,5	2,5
		AWG		(2,5) 14	(2,5) 14
Ambient Temperature of Stages				55 °C during 24 hours with peaks up to 60 °C at 100 % load	

¹Valid for lines with grounded common neutral termination, overvoltage category III, pollution degree 3. Values for other supply systems on request. ²International Standards and Approvals, refer to page 39. ³Max. 300 V.