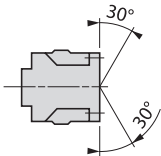
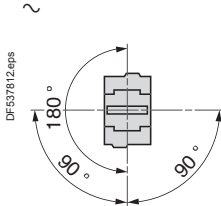
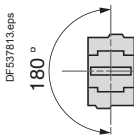


TeSys D

Environment							
Contactor type LC1			D09...D18 DT20 and DT25	D25...D38 DT32 and DT40	D40A...D65A DT60A and DT80A	D80...D95	D115 and D150
Rated insulation voltage (Ui)	Conforming to IEC 60947-4-1, overvoltage category III, degree of pollution: 3	V	690				1000
	Conforming to UL, CSA	V	600				
Rated impulse withstand voltage (Uimp)	Conforming to IEC 60947	kV	6				8
Conforming to standards			IEC/EN 60947-4-1, IEC/EN 60947-5-1, UL 508, CSA C22.2 n°14.				
Product certifications			UL, CSA ⁽¹⁾ , CCC, GOST GL, DNV, RINA, BV, LROS				
Degree of protection ⁽²⁾ (front face)	Conforming to IEC 60529						
	Power circuit connections		Protection against direct finger contact IP20				
	Coil connection		Protection against direct finger contact IP20				
Protective treatment	Conforming to IEC 60068-2-30		"TH"				
Ambient air temperature around the device	Storage	°C	-60...+80				
	Operation	°C	-5...+60				
	Permissible	°C	-40...+70, for operation at Uc				
Maximum operating altitude	Without derating	m	3000				
Operating positions ⁽³⁾	Without derating in the following positions		DF510743.eps  DF537812.eps  DF537813.eps 				
	Positions that are not permissible		For  contactors LC1 D09 to LC1 D65A. DF537814.eps  DF537815.eps 				
Flame resistance	Conforming to UL 94		V1				
	Conforming to IEC 60695-2-1	°C	850				
Shock resistance ⁽⁴⁾ 1/2 sine wave = 11 ms	Contactor open		10 gn	8 gn	10 gn	8 gn	6 gn
	Contactor closed		15 gn	15 gn	15 gn	10 gn	15 gn
Vibration resistance ⁽⁴⁾ 5...300 Hz	Contactor open		2 gn				
	Contactor closed		4 gn	4 gn	4 gn	3 gn	4 gn

⁽¹⁾ Contactor LC1 D95 with d.c. coil is not UL/CSA certified.

⁽²⁾ Protection provided for the cabling c.s.a.'s indicated on the next page and for connection by cable. For lug type: add a protective cover.

⁽³⁾ When mounting on a vertical rail, use a stop.

⁽⁴⁾ Without modifying the contact states, in the most unfavourable direction (coil energised at Ue).