

UL/CSA & IEC Technical data

AL9 – AL40

Contactor types:	AL	AL9	AL12	AL16	AL26	AL30	AL40
Rated insulation voltage U_i according to IEC 60947-4-1	V				1000		
according to UL/CSA	V				600		
Rated impulse withstand voltage U_{imp}	kV				8		
Standards		Devices complying with international standards IEC 60947-1 / 60947-4-1 and European standards EN 60947-1 / 60947-4-1					
Air temperature close to contactor		see "Conditions for use" page 1.50, for control voltage limits and authorized mounting positions					
– fitted with thermal O/L relay	°C	-25 to +55					
– without thermal O/L relay	°C	-40 to +70 (55 max. for TAE... contactors)					
– for storage	°C	-60 to +80					
Climatic withstand		acc. to IEC 60068-2-30 and 60068-2-11 - UTE C 63-100 specification II					
Operating altitude	m	≤ 3000					
Shock withstand acc. IEC 60068-2-27 and EN 60068-2-27 Mounting position 1 (see page 1.50)		1/2 sinusoidal shock for 11 ms: no change in contact position					
		Shock direction	Making position	Breaking position			
		A	20 g	20 g			
		B1	10 g	5 g			
		B2	15 g	15 g			
		C1	20 g	20 g			
		C2	20 g	20 g			

