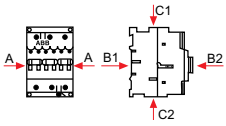


# UL/CSA & IEC Technical data

## A/AE9 – A/AE/AF/TAE110

Across the line  
contactors

1

Contactor types: A..., AE... AF..., TAE...	9	12	16	26	30	40	45	50	63	75	95	110
	-	-	-	-	-	-	45	50	63	75	95	110
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 – fitted with thermal O/L relay	°C	see "Conditions for use" page 1.50, for control voltage limits and authorized mounting positions -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 68-2-30		acc. to IEC 60068-2-30 and 60068-2-11 - UTE C 63-100 specification II										acc. to IEC
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 ① B2                             15 g ②                           15 g ② C1                             20 g                             20 g C2                             20 g                             20 g										
												Not valid for DIN-rail mounting

① 3 g for AF 45-22, AE 45-22, AF 75-22 and AE 75-22.  
② 10 g for AF 45-22, AE 45-22, AF 75-22 and AE 75-22.