

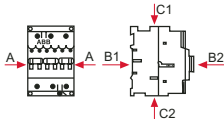
UL/CSA & IEC Technical data

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		acc. to IEC 60068-2-30 and 60068-2-11 - UTE C 63-100 specification II											acc. to IEC 68-2-30
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.