

IEC Technical data

EK100 – EK1000

General Technical Data

Contactor types: EK...		110	150	175	210	370	550	1000
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 1.63, 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						
– for storage	°C	-50 to +70						
Climatic withstand		acc. to IEC 60068-2-30						
Operating altitude	m	≤ 3000						
Shock withstand acc. IEC 60068-2-27 and EN 60068-2-27		1/2 sinusoidal shock for 15 ms: no change in contact position						
Mounting position 1 (see page 1.63)		Contactor in making or breaking position						
		Shock direction: A, C1, C2: 10 g						
		B1: 10 g						
		B2: 10 g						

