EX033022F

Power Contactor 3P
AC3 : 330A/160kW at 380/400V

Technical Characteristics

Number of poles	3P
Type of pole	Main Contact : 3NO Auxiliary Contact : 2NO+2NC
Contactor Application	Resistive, Motor Loads
Utilization Category	AC1 AC3 AC4
Rated Operational Voltage(Ue)	Power Circuit (AC) : 220V - 690V Control Circuit (AC/DC) : 110V – 127V
Rated Operational Current(Ie)	AC1 : 380A AC3 at 220V-415V : 330A AC4 at 220V-415V : 330A AC3 at 690V : 235A AC4 at 690V : 170A
Operating Frequency	50/60Hz
Rated Power Control	AC3 at 220V/230V/240V : 90kW AC3 at 380V/400V/415V : 160kW AC3 at 660V/690V : 200kW

Endurance

Electrical Life (cycles)	AC3 : 0.8 Million
Mechanical Life (cycles)	6 Million

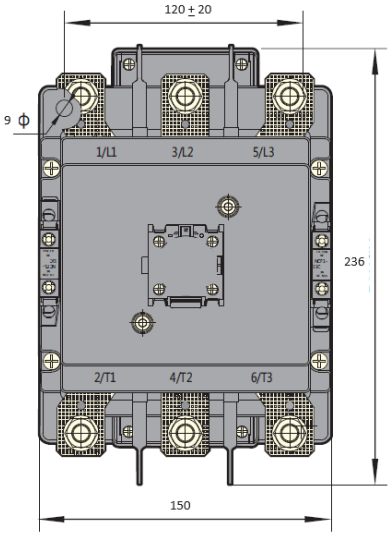
Other Characteristics

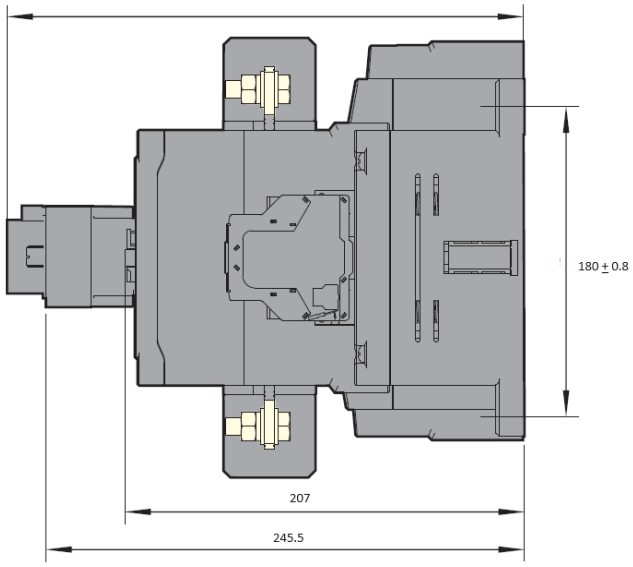
Rated insulation voltage	1000V
Rated impulse withstand voltage	12kV
Insulation Class	III
Pollution Degree	3
IP Rating	IP00
Control Circuit type	AC/DC(Electronic Coil) 50/60Hz
Control Voltage	Pull in : 75% to 120% Release : 10% to 70%
Coil Average Power	Start : 600VA Hold : 11VA
Heat Dissipation	AC : 3W to 6W DC : 3W to 6W
Matching Thermal Overload Relay Model	HWR-630

Main Circuit Connection	Flexible wire with cable end 1 : 10 to 150 sq.mm Flexible wire with cable end 2 : 10 to 75 sq.mm Hard Wire 1 : 50 to 240 sq.mm
Control Circuit Connection	Flexible wire with cable end 1 : 1 to 4 sq.mm Flexible wire with cable end 2 : 1 to 2.5 sq.mm Hard Wire 1 : 1 to 4 sq.mm
Size of the fastening Scew	Main Circuit : M10 Control Circuit : M3.5
Tightening Torque	Main Circuit : 14 N-m Main Circuit : 0.8 N-m

Auxiliary Contact Technical Characteristics

Rated Operational Voltage	Upto 690V
Rated insulation Voltage	690V
Conventional Thermal Current	10A
Rated Making Capacity	Breaking Current 10Ie(AC-15) or Ie(DC-13)
Control Capacity	AC-15 at 380V/400V/415V : 1.5A DC-13 at 220V/230V/240V : 0.3A
IP Rating	IP20
Cable Connection	Flexible wire without terminal : 1 to 4 sq.mm Flexible wire with terminal : 1 to 4 sq.mm Hard wire with terminal : 1 to 4 sq.mm
Size of the fastening Scew	M3.5





All Dimension in mm