

E3RT series contactors

Application

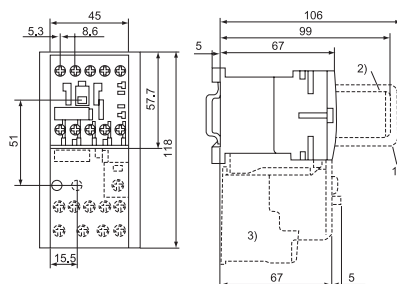
E3RT Series AC contactors are suitable for frequency of 50/50Hz, rated insulation voltage up to 690-1000V, rated operational current up to 7A-95A at rated operational voltage up to 380V under the utilization category AC-3. They are mainly used for making breaking electric circuits at a long distance and for frequent starting stopping and reversing control of AC motors. They comply with IEC947, VDE0660, GB 14048.

Technical parameter

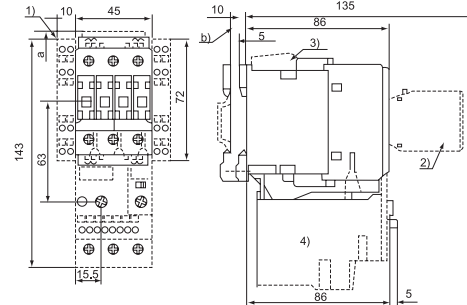
Standard power ratings of 3-phase motors 50/60 Hz in category AC-3					Rated operational current in AC-3 up to 440V (A)	Rated operational current in AC-1 up to 440V (A)	Reference
230V (kW)	400V (kW)	500V (kW)	690V (kW)	1000V (kW)			
2.2	3	3.5	4	-	7	18	E3RT-10 15
3	4	4.5	5.5	-	9	22	E3RT-10 16
3	5.5	5.5	5.5	-	12	22	E3RT-10 17
3	4	4.5	4.5	-	9	40	E3RT-10 23
3	5.5	7.5	7.5	-	12	40	E3RT-10 24
4	7.5	10	11	-	17	40	E3RT-10 25
5.5	11	11	11	-	25	40	E3RT-10 26
7.5	15	18.5	18.5	-	32	50	E3RT-10 34
11	18.5	22	22	-	40	60	E3RT-10 35
15	22	30	22	-	50	55	E3RT-10 36
18.5	30	37	45	30	65	100	E3RT-10 44
22	37	45	55	37	80	120	E3RT-10 45
22	45	55	55	37	95	120	E3RT-10 46

Dimension

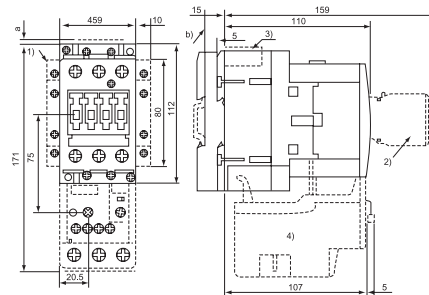
E3RT-12



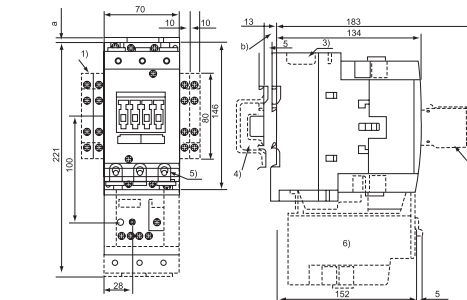
E3RT-25



E3RT-50



E3RT-95





E3TF series contactors

Application

E3TF AC contactor applies to supply of AC 50/60Hz, rated voltage up to 660V. In AC3 use, under voltage of 380V, the rated current can be up to 630A. E3TF and E3T overload relay can form motor starter to protect the motors against overload and phase failure. The product is test according to IEC60947-4.

The contactor features double breaking contacts. Arc distinguish chambers are used to quench the arc in contactors of 32A and above. the contactors below 32A can be mounted on DIN rail or by screw, the bigger ones can only be mounted by screw.

Technical parameter

Controllable power of motor (kW)				Rated operation current (A)		Thermal current Ithe in (A)	Type of auxiliary contact	Reference
AC-3		AC-4						
380V	660V	380V	660V	380V	660V			
4	5.5	1.4	2.4	9	7	20	NO, NC, 1NO+1NC, 2NO+2NC	E3TF-40
5.5	7.5	1.9	3.3	12	8.5	20	NO, NC, 1NO+1NC, 2NO+2NC	E3TF-41
7.5	11	3.5	6	16	12.5	30	NO, NC, 1NO+1NC, 2NO+2NC	E3TF-42
10	15	4	6.6	22	16.5	30	NO, NC, 1NO+1NC, 2NO+2NC	E3TF-43
15	22	7.5	13	32	24	55	NO, NC, 1NO+1NC, 2NO+2NC	E3TF-44
18.5	2	9	15.5	38	24	55	NO, NC, 1NO+1NC, 2NO+2NC	E3TF-45
22	37	12	20.8	45	40	80	NO, NC, 1NO+1NC, 2NO+2NC	E3TF-46
30	55	14	24.3	63	60	80	2NC+2NO, 4NC+4NO	E3TF-47
37	55	17	29.5	75	60	100	2NC+2NO, 4NC+4NO	E3TF-48
45	75	21	36	85	80	100	2NC+2NO, 4NC+4NO	E3TF-49
55	90	27	46.9	110	95	160	2NC+2NO, 4NC+4NO	E3TF-50
75	110	35	60	140	120	160	2NC+2NO, 4NC+4NO	E3TF-51
90	150	38	66	170	160	200	2NC+2NO, 4NC+4NO	E3TF-52
110	160	50	86	205	165	210	2NC+2NO, 4NC+4NO	E3TF-53
132	220	58	100	250	230	300	2NC+2NO, 4NC+4NO	E3TF-54
160	250	66	114	300	260	300	2NC+2NO, 4NC+4NO	E3TF-55
200	355	81	140	400	380	400	2NC+2NO, 4NC+4NO	E3TF-56
335	560	160	278	630	600	630	2NC+2NO, 4NC+4NO	E3TF-68

E3TB series contactors

Application

The contactor is suitable for application in the circuits up to the rated voltage 660V AC 50/60Hz, rated current 630A, for making and breaking, and for frequent starting and controlling the motor. After combined with the mechanical interlocking device, it becomes CJX1-B convertible contactor for controlling, starting breaking and reversing the motor. The products comply with IEC60947-4.

Technical parameter

Controllable power of motor (kW)		Rated operating current (A)		Thermal current I _{the} in (A)	Type of auxiliary contact	Reference
380V	660V	380V	660V			
4	5.5	9	7.2	22	NO, NC, 1NO+1NC, 2NO+2NC	E3TB-40
5.5	7.5	12	9.5	22	NO, NC, 1NO+1NC, 2NO+2NC	E3TB-41
7.5	11	16	13.5	35	NO, NC, 1NO+1NC, 2NO+2NC	E3TB-42
11	11	22	13.5	35	NO, NC, 1NO+1NC, 2NO+2NC	E3TB-43
15	15	22	18	35	2NC+2NO	E3TB-44



E3TD series contactors**Application**

The contactor is suitable for using in the circuits up to the rated voltage 660V AC 50/60Hz, current 300A, for convertibly controlling the motor. It's mechanical interlocking device ensures contact changeover of two convertible contactors.

Technical parameter

Controllable power of motor (kW)				Rated operation current (A)		Thermal current Ithe in (A)	Reference
AC-3		AC-4					
380V	660V	380V	660V	380V	660V		
4	5.5	1.4	2.4	9	7	20	E3TD-40
5.5	7.5	1.9	3.3	12	8.5	20	E3TD-41
7.5	11	3.5	6	16	12.5	30	E3TD-42
10	15	4	6.6	22	16.5	30	E3TD-43
15	22	7.5	13	32	24	55	E3TD-44
18.5	22	9	15.5	38	24	55	E3TD-45
22	37	12	20.8	45	40	80	E3TD-46
30	55	14	24.3	63	60	80	E3TD-47
37	55	17	29.5	75	60	100	E3TD-48
45	75	21	36	85	80	100	E3TD-49
55	90	27	46.9	110	95	160	E3TD-50
75	110	35	60	140	120	160	E3TD-51
90	150	38	66	170	160	200	E3TD-52
110	160	50	86	205	165	210	E3TD-53
132	220	58	100	250	230	300	E3TD-54
160	250	66	114	300	260	300	E3TD-55

