

3TF Series AC Contactor

The 3TF Series AC Contactor provides reliable switching for motor control applications. It offers a variety of current ratings and auxiliary contact options.

Type	Rated Thermal current (A)	Rated Operation current (A)		(kW) Controllable power of motor		Type of Auxiliary contact		
		380V	660V	AC-3	AC-4			
3TF40	20	9	7	4	5.5	1.4	2.4	
3TF41	20	12	8.5	5.5	7.5	1.9	3.3	NO
3TF42	30	16	12.5	7.5	11	3.5	6	NC
3TF43	30	22	16.5	10	15	4	6.6	1NO+1NC
3TF44	55	32	24	15	22	7.5	13	2NO+2NC
3TF45	55	38	24	18.5	22	9	15.5	
3TF46	80	45	40	22	37	12	20.5	
3TF47	80	63	60	30	55	14	24.3	
3TF48	100	75	60	37	55	17	29.5	
3TF49	100	85	80	45	75	21	36	
3TF50	160	110	95	55	90	27	46.9	
3TF51	160	140	120	75	110	35	60	
3TF52	200	170	160	90	150	38	66	2NC+2NO
3TF53	210	205	165	110	160	50	86	4NC+4NO
3TF54	300	250	230	132	220	58	100	
3TF55	300	300	280	160	250	66	114	
3TF56	400	400	380	200	355	81	140	
3TF68	630	630	600	335	560	160	278	

Product Overview

3TF Series AC Contactor Overview

The 3TF series AC contactors are designed for reliable motor control and power switching in industrial applications. This versatile range supports rated thermal currents from 20A up to 630A, making it suitable for a wide variety of motor power requirements. With multiple auxiliary contact configurations and robust performance at both 380V and 660V, these contactors ensure efficient operation for AC-3 and AC-4 duty cycles.

Performance Metrics

Rated Thermal Current Range

20 A

Minimum Current

630 A

Maximum Current

Operational Voltage Support

380V, 660V

Auxiliary Contacts

Available Auxiliary Contact Types

- NO
- NC
- 1NO+1NC
- 2NO+2NC
- 2NC+2NO
- 4NC+4NO

Technical Specifications

Model Performance Data

Model Type	Thermal Current (A)	AC-3 Power 380V (kW)	AC-4 Power 380V (kW)
3TF40	20	4	1.4
3TF44	55	15	7.5
3TF50	160	55	27
3TF56	400	200	81
3TF68	630	335	160

Utilization Categories

AC-3 • AC-4