



Technical specifications

Compliance with IEC 60947-4-1 standard

Type of starter	Rated voltage of power contacts U_n , V	Insulation voltage U_i , V	Conditional thermal current (AC-1) I_{th} , A	Rated current (AC-3) I_n , A	Rated power of main contacts according to AC-3 P, kW			Rated voltage of the control coil U_c , V	Operating voltage range of the control coil	Coil actuation power at U_n , P, W		Number and type of additional contacts	Allowable frequency of operations, cycles per hour	AC-3 electrical wear resistance, million on/off cycles	Mechanical wear resistance of AC-3, million on/off cycles	Weight, kg
					230V	400V	690V			Triggering	Keeping					
FC 1/6	~230/400/690	690	20	6	1.5	3	4	~24, 36, 42, 110, 230, 400	85-110% U_n	40	7	1NO/1NC	1200	1	10	0.31
FC 1/9			22	9	2.2	4	5.5			60	9	1NO/1NC	1200	1	10	0.31
FC 1/10			23	10	2.5	4.5	6			60	9	1NO/1NC	1200	1	10	0.31
FC 1/12			24	12	3	5.5	7.5			60	9	1NO/1NC	1200	1	10	0.31
FC 1/16			28	16	4	7.5	11			60	9	1NO/1NC	1200	1	10	0.31
FC 1/18			30	18	5	8.5	13			60	9	1NO/1NC	1200	1	10	0.31
FC 2/25			45	25	6	11	15			122	12	1NO/1NC	1200	1	10	0.54
FC 3/32			55	32	8	15	18.5			122	12	1NO/1NC	1200	0.8	8	0.65
FC 3/40			70	40	11	18.6	22			175	20	1NO+1NC	1200	0.6	8	1.1
FC 4/40			70	40	11	18.6	22			175	20	1NO+1NC	1200	0.6	8	1.1
FC 4/50			100	50	15	22	30			175	20	1NO+1NC	1200	0.6	8	1.1
FC 4/63			115	63	18.5	30	37			175	20	1NO+1NC	1200	0.6	8	1.1
FC 4/65			115	65	18.5	30	37			175	20	1NO+1NC	1200	0.6	8	1.1
FC 4/75			125	75	22	37	45			175	20	1NO+1NC	1200	0.6	8	1.1
FC 4/80			80	80	22	37	55			175	20	1NO+1NC	1200	0.6	8	1.1
FC 5/63			80	63	18.5	30	55			450	55	4NO+2NC	1200	1.2	10	2.65
FC 5/80			80	80	22	37	55			450	55	4NO+2NC	1200	1.2	10	2.65
FC 5/100			125	100	30	45	75			450	55	4NO+2NC	1200	1.2	10	2.65
FC 5/125			125	125	37	55	75			450	55	4NO+2NC	1200	1.2	10	2.65
FC 6/160			265	160	45	75	110			880	88	4NO+2NC	1200	1.2	10	5.2
FC 6/200			265	200	55	90	110			880	88	4NO+2NC	1200	1.2	10	5.2
FC 6/250			265	250	75	132	110			880	88	4NO+2NC	1200	1.2	10	5.2
FC 6/265			265	265	85	147	110			880	88	4NO+2NC	600	0.6	6	10.05
FC 7/315			500	315	90	160	300			1170	152	4NO+2NC	600	0.6	6	10.05
FC 7/400			500	400	110	220	300			1170	152	4NO+2NC	600	0.6	6	10.05
FC 7/500			500	500	150	280	300			1170	170	4NO+2NC	600	0.3	3	10.05

Cross-section of the connected conductors, mm	FC1	FC2	FC3	FC4	FC5	FC6	FC7
Main contacts	1-4	1-4	2.5-16	2.5-16	-	-	-
Auxiliary contacts	1-4	1-4	1-2.5	1-2.5	1-2.5	1-2.5	1-2.5

Contactors FC

FC1 1NC



Order code	Full name of	Packaging, pcs			Gross weight, kg	
		Packaging	Box	Unit	Packaging	Box
FC11012110	Contactora FC-1/12A coil AC110V 1NC	1	50	0,340	0,340	17
FC11012230	Contactora FC-1/12A coil AC230V 1NC	1	50	0,340	0,340	17
FC11012024	Contactora FC-1/12A coil AC24V 1NC	1	50	0,340	0,340	17
FC11012036	Contactora FC-1/12A coil AC36V 1NC	1	50	0,340	0,340	17
FC11012400	Contactora FC-1/12A coil AC400V 1NC	1	50	0,340	0,340	17
FC11012042	Contactora FC-1/12A coil AC42V 1NC	1	50	0,340	0,340	17
FC11016110	Contactora FC-1/16A coil AC110V 1NC	1	50	0,340	0,340	17
FC11016230	Contactora FC-1/16A coil AC230V 1NC	1	50	0,340	0,340	17
FC11016024	Contactora FC-1/16A coil AC24V 1NC	1	50	0,340	0,340	17
FC11016036	Contactora FC-1/16A coil AC36V 1NC	1	50	0,340	0,340	17
FC11016400	Contactora FC-1/16A coil AC400V 1NC	1	50	0,340	0,340	17
FC11016042	Contactora FC-1/16A coil AC42V 1NC	1	50	0,340	0,340	17
FC11018110	Contactora FC-1/18A coil AC110V 1NC	1	50	0,340	0,340	17
FC11018230	Contactora FC-1/18A coil AC230V 1NC	1	50	0,340	0,340	17
FC11018024	Contactora FC-1/18A coil AC24V 1NC	1	50	0,340	0,340	17
FC11018036	Contactora FC-1/18A coil AC36V 1NC	1	50	0,340	0,340	17
FC11018400	Contactora FC-1/18A coil AC400V 1NC	1	50	0,340	0,340	17
FC11018042	Contactora FC-1/18A coil AC42V 1NC	1	50	0,340	0,340	17
FC11006110	Contactora FC-1/6A coil AC110V 1NC	1	50	0,340	0,340	17
FC11006230	Contactora FC-1/6A coil AC230V 1NC	1	50	0,340	0,340	17
FC11006024	Contactora FC-1/6A coil AC24V 1NC	1	50	0,340	0,340	17
FC11006036	Contactora FC-1/6A coil AC36V 1NC	1	50	0,340	0,340	17
FC11006400	Contactora FC-1/6A coil AC400V 1NC	1	50	0,340	0,340	17
FC11006042	Contactora FC-1/6A coil AC42V 1NC	1	50	0,340	0,340	17
FC11009110	Contactora FC-1/9A coil AC110V 1NC	1	50	0,340	0,340	17
FC11009230	Contactora FC-1/9A coil AC230V 1NC	1	50	0,340	0,340	17
FC11009024	Contactora FC-1/9A coil AC24V 1NC	1	50	0,340	0,340	17
FC11009036	Contactora FC-1/9A coil AC36V 1NC	1	50	0,340	0,340	17
FC11009400	Contactora FC-1/9A coil AC400V 1NC	1	50	0,340	0,340	17
FC11009042	Contactora FC-1/9A coil AC42V 1NC	1	50	0,340	0,340	17

FC1 1NO



FC10012110	Contactora FC-1/12A coil AC110V 1NO	1	50	0,340	0,340	17
FC10012230	Contactora FC-1/12A coil AC230V 1NO	1	50	0,340	0,340	17
FC10012024	Contactora FC-1/12A coil AC24V 1NO	1	50	0,340	0,340	17
FC10012036	Contactora FC-1/12A coil AC36V 1NO	1	50	0,340	0,340	17
FC10012400	Contactora FC-1/12A coil AC400V 1NO	1	50	0,340	0,340	17
FC10012042	Contactora FC-1/12A coil AC42V 1NO	1	50	0,340	0,340	17
FC10016110	Contactora FC-1/16A coil AC110V 1NO	1	50	0,340	0,340	17
FC10016230	Contactora FC-1/16A coil AC230V 1NO	1	50	0,340	0,340	17
FC10016024	Contactora FC-1/16A coil AC24V 1NO	1	50	0,340	0,340	17
FC10016036	Contactora FC-1/16A coil AC36V 1NO	1	50	0,340	0,340	17
FC10016400	Contactora FC-1/16A coil AC400V 1NO	1	50	0,340	0,340	17
FC10016042	Contactora FC-1/16A coil AC42V 1NO	1	50	0,340	0,340	17
FC10018110	Contactora FC-1/18A coil AC110V 1NO	1	50	0,340	0,340	17
FC10018230	Contactora FC-1/18A coil AC230V 1NO	1	50	0,340	0,340	17
FC10018024	Contactora FC-1/18A coil AC24V 1NO	1	50	0,340	0,340	17
FC10018036	Contactora FC-1/18A coil AC36V 1NO	1	50	0,340	0,340	17
FC10018400	Contactora FC-1/18A coil AC400V 1NO	1	50	0,340	0,340	17
FC10018042	Contactora FC-1/18A coil AC42V 1NO	1	50	0,340	0,340	17
FC10006110	Contactora FC-1/6A coil AC110V 1NO	1	50	0,340	0,340	17
FC10006230	Contactora FC-1/6A coil AC230V 1NO	1	50	0,340	0,340	17
FC10006024	Contactora FC-1/6A coil AC24V 1NO	1	50	0,340	0,340	17
FC10006036	Contactora FC-1/6A coil AC36V 1NO	1	50	0,340	0,340	17
FC10006400	Contactora FC-1/6A coil AC400V 1NO	1	50	0,340	0,340	17
FC10006042	Contactora FC-1/6A coil AC42V 1NO	1	50	0,340	0,340	17
FC10009110	Contactora FC-1/9A coil AC110V 1NO	1	50	0,340	0,340	17
FC10009230	Contactora FC-1/9A coil AC230V 1NO	1	50	0,340	0,340	17
FC10009024	Contactora FC-1/9A coil AC24V 1NO	1	50	0,340	0,340	17
FC10009036	Contactora FC-1/9A coil AC36V 1NO	1	50	0,340	0,340	17
FC10009400	Contactora FC-1/9A coil AC400V 1NO	1	50	0,340	0,340	17
FC10009042	Contactora FC-1/9A coil AC42V 1NO	1	50	0,340	0,340	17

Contactors FC

FC2 1NC



Order code	Full name of	Packaging, pcs			Gross weight, kg	
		Packaging	Box	Unit	Packaging	Box
FC21025110	Contactora FC-2/25A coil AC110V 1NC	1	40	0,560	0,560	22,400
FC21025230	Contactora FC-2/25A coil AC230V 1NC	1	40	0,560	0,560	22,400
FC21025024	Contactora FC-2/25A coil AC24V 1NC	1	40	0,560	0,560	22,400
FC21025036	Contactora FC-2/25A coil AC36V 1NC	1	40	0,560	0,560	22,400
FC21025400	Contactora FC-2/25A coil AC400V 1NC	1	40	0,560	0,560	22,400
FC21025042	Contactora FC-2/25A coil AC42V 1NC	1	40	0,560	0,560	22,400
FC21025048	Contactora FC-2/25A coil AC48V 1NC	1	40	0,560	0,560	22,400

FC2 1NO



FC20025110	Contactora FC-2/25A coil AC110V 1NO	1	40	0,560	0,560	22,400
FC20025230	Contactora FC-2/25A coil AC230V 1NO	1	40	0,560	0,560	22,400
FC20025024	Contactora FC-2/25A coil AC24V 1NO	1	40	0,560	0,560	22,400
FC20025036	Contactora FC-2/25A coil AC36V 1NO	1	40	0,560	0,560	22,400
FC20025400	Contactora FC-2/25A coil AC400V 1NO	1	40	0,560	0,560	22,400
FC20025042	Contactora FC-2/25A coil AC42V 1NO	1	40	0,560	0,560	22,400
FC20025048	Contactora FC-2/25A coil AC48V 1NO	1	40	0,560	0,560	22,400

FC3 1NC



FC31032110	Contactora FC-3/32A coil AC110V 1NC	1	40	0,660	0,660	26,400
FC31032230	Contactora FC-3/32A coil AC230V 1NC	1	40	0,660	0,660	26,400
FC31032024	Contactora FC-3/32A coil AC24V 1NC	1	40	0,660	0,660	26,400
FC31032036	Contactora FC-3/32A coil AC36V 1NC	1	40	0,660	0,660	26,400
FC31032400	Contactora FC-3/32A coil AC400V 1NC	1	40	0,660	0,660	26,400
FC31032042	Contactora FC-3/32A coil AC42V 1NC	1	40	0,660	0,660	26,400
FC31040110	Contactora FC-3/40A coil AC110V 1NC	1	40	0,660	0,660	26,400
FC31040230	Contactora FC-3/40A coil AC230V 1NC	1	40	0,660	0,660	26,400
FC31040024	Contactora FC-3/40A coil AC24V 1NC	1	40	0,660	0,660	26,400
FC31040036	Contactora FC-3/40A coil AC36V 1NC	1	40	0,660	0,660	26,400
FC31040400	Contactora FC-3/40A coil AC400V 1NC	1	40	0,660	0,660	26,400
FC31040042	Contactora FC-3/40A coil AC42V 1NC	1	40	0,660	0,660	26,400
FC31040048	Contactora FC-3/40A coil AC48V 1NC	1	40	0,660	0,660	26,400

FC3 1NO



FC30032110	Contactora FC-3/32A coil AC110V 1NO	1	40	0,660	0,660	26,400
FC30032230	Contactora FC-3/32A coil AC230V 1NO	1	40	0,660	0,660	26,400
FC30032024	Contactora FC-3/32A coil AC24V 1NO	1	40	0,660	0,660	26,400
FC30032036	Contactora FC-3/32A coil AC36V 1NO	1	40	0,660	0,660	26,400
FC30032400	Contactora FC-3/32A coil AC400V 1NO	1	40	0,660	0,660	26,400
FC30032042	Contactora FC-3/32A coil AC42V 1NO	1	40	0,660	0,660	26,400
FC30040110	Contactora FC-3/40A coil AC110V 1NO	1	40	0,660	0,660	26,400
FC30040024	Contactora FC-3/40A coil AC24V 1NO	1	40	0,660	0,660	26,400
FC30040230	Contactora FC-3/40A coil AC230V 1NO	1	40	0,660	0,660	26,400
FC30040036	Contactora FC-3/40A coil AC36V 1NO	1	40	0,660	0,660	26,400
FC30040400	Contactora FC-3/40A coil AC400V 1NO	1	40	0,660	0,660	26,400
FC30040042	Contactora FC-3/40A coil AC42V 1NO	1	40	0,660	0,660	26,400
FC30040048	Contactora FC-3/40A coil AC48V 1NO	1	40	0,660	0,660	26,400

Contactors FC

FC4 1NO+1NC



Order code	Full name of	Packaging, pcs			Gross weight, kg	
		Packaging	Box	Unit	Packaging	Box
FC40040110	Contactora FC-4/40A coil AC110V 1NO+1NC	1	20	1,150	1,150	23,000
FC40040230	Contactora FC-4/40A coil AC230V 1NO+1NC	1	20	1,150	1,150	23,000
FC40040024	Contactora FC-4/40A coil AC24V 1NO+1NC	1	20	1,150	1,150	23,000
FC40040036	Contactora FC-4/40A coil AC36V 1NO+1NC	1	20	1,150	1,150	23,000
FC40040400	Contactora FC-4/40A coil AC400V 1NO+1NC	1	20	1,150	1,150	23,000
FC40040042	Contactora FC-4/40A coil AC42V 1NO+1NC	1	20	1,150	1,150	23,000
FC40040048	Contactora FC-4/40A coil AC48V 1NO+1NC	1	20	1,150	1,150	23,000
FC40050110	Contactora FC-4/50A coil AC110V 1NO+1NC	1	20	1,150	1,150	23,000
FC40050230	Contactora FC-4/50A coil AC230V 1NO+1NC	1	20	1,150	1,150	23,000
FC40050024	Contactora FC-4/50A coil AC24V 1NO+1NC	1	20	1,150	1,150	23,000
FC40050036	Contactora FC-4/50A coil AC36V 1NO+1NC	1	20	1,150	1,150	23,000
FC40050400	Contactora FC-4/50A coil AC400V 1NO+1NC	1	20	1,150	1,150	23,000
FC40050042	Contactora FC-4/50A coil AC42V 1NO+1NC	1	20	1,150	1,150	23,000
FC40063110	Contactora FC-4/63A coil AC110V 1NO+1NC	1	20	1,150	1,150	23,000
FC40063230	Contactora FC-4/63A coil AC230V 1NO+1NC	1	20	1,150	1,150	23,000
FC40063024	Contactora FC-4/63A coil AC24V 1NO+1NC	1	20	1,150	1,150	23,000
FC40063036	Contactora FC-4/63A coil AC36V 1NO+1NC	1	20	1,150	1,150	23,000
FC40063400	Contactora FC-4/63A coil AC400V 1NO+1NC	1	20	1,150	1,150	23,000
FC40063042	Contactora FC-4/63A coil AC42V 1NO+1NC	1	20	1,150	1,150	23,000
FC40063048	Contactora FC-4/63A coil AC48V 1NO+1NC	1	20	1,150	1,150	23,000
FC40065110	Contactora FC-4/65A coil AC110V 1NO+1NC	1	20	1,150	1,150	23,000
FC40065230	Contactora FC-4/65A coil AC230V 1NO+1NC	1	20	1,150	1,150	23,000
FC40065024	Contactora FC-4/65A coil AC24V 1NO+1NC	1	20	1,150	1,150	23,000
FC40065036	Contactora FC-4/65A coil AC36V 1NO+1NC	1	20	1,150	1,150	23,000
FC40065400	Contactora FC-4/65A coil AC400V 1NO+1NC	1	20	1,150	1,150	23,000
FC40065042	Contactora FC-4/65A coil AC42V 1NO+1NC	1	20	1,150	1,150	23,000
FC40065048	Contactora FC-4/65A coil AC48V 1NO+1NC	1	20	1,150	1,150	23,000
FC40075110	Contactora FC-4/75A coil AC110V 1NO+1NC	1	20	1,150	1,150	23,000
FC40075230	Contactora FC-4/75A coil AC230V 1NO+1NC	1	20	1,150	1,150	23,000
FC40075024	Contactora FC-4/75A coil AC24V 1NO+1NC	1	20	1,150	1,150	23,000
FC40075036	Contactora FC-4/75A coil AC36V 1NO+1NC	1	20	1,150	1,150	23,000
FC40075400	Contactora FC-4/75A coil AC400V 1NO+1NC	1	20	1,150	1,150	23,000
FC40075042	Contactora FC-4/75A coil AC42V 1NO+1NC	1	20	1,150	1,150	23,000
FC40080230	Contactora FC-4/80A coil AC230V 1NO+1NC	1	20	1,150	1,150	23,000
FC40080400	Contactora FC-4/80A coil AC400V 1NO+1NC	1	20	1,150	1,150	23,000

FC5 4NO+2NC



FC50100110	Contactora FC-5/100A coil AC110V 4NO+2NC	1	6	2,850	2,850	17,100
FC50100230	Contactora FC-5/100A coil AC230V 4NO+2NC	1	6	2,850	2,850	17,100
FC50100024	Contactora FC-5/100A coil AC24V 4NO+2NC	1	6	2,850	2,850	17,100
FC50100036	Contactora FC-5/100A coil AC36V 4NO+2NC	1	6	2,850	2,850	17,100
FC50100400	Contactora FC-5/100A coil AC400V 4NO+2NC	1	6	2,850	2,850	17,100
FC50125110	Contactora FC-5/125A coil AC110V 4NO+2NC	1	6	2,850	2,850	17,100
FC50125230	Contactora FC-5/125A coil AC230V 4NO+2NC	1	6	2,850	2,850	17,100
FC50125036	Contactora FC-5/125A coil AC36V 4NO+2NC	1	6	2,850	2,850	17,100
FC50125400	Contactora FC-5/125A coil AC400V 4NO+2NC	1	6	2,850	2,850	17,100
FC50063110	Contactora FC-5/63A coil AC110V 4NO+2NC	1	6	2,850	2,850	17,100
FC50063230	Contactora FC-5/63A coil AC230V 4NO+2NC	1	6	2,850	2,850	17,100
FC50063400	Contactora FC-5/63A coil AC400V 4NO+2NC	1	6	2,850	2,850	17,100
FC50080110	Contactora FC-5/80A coil AC110V 4NO+2NC	1	6	2,850	2,850	17,100
FC50080230	Contactora FC-5/80A coil AC230V 4NO+2NC	1	6	2,850	2,850	17,100
FC50080024	Contactora FC-5/80A coil AC24V 4NO+2NC	1	6	2,850	2,850	17,100
FC50080036	Contactora FC-5/80A coil AC36V 4NO+2NC	1	6	2,850	2,850	17,100
FC50080400	Contactora FC-5/80A coil AC400V 4NO+2NC	1	6	2,850	2,850	17,100

Contactors FC

FC6 4NO+2NC



Order code	Full name of	Packaging, pcs			Gross weight, kg	
		Packaging	Box	Unit	Packaging	Box
FC60160110	Contactora FC-6/160A coil AC110V 4NO+2NC	1	4	5,650	5,650	22,600
FC60160230	Contactora FC-6/160A coil AC230V 4NO+2NC	1	4	5,650	5,650	22,600
FC60160036	Contactora FC-6/160A coil AC36V 4NO+2NC	1	4	5,650	5,650	22,600
FC60160400	Contactora FC-6/160A coil AC400V 4NO+2NC	1	4	5,650	5,650	22,600
FC60185230	Contactora FC-6/185A coil AC230V 4NO+2NC	1	4	5,650	5,650	22,600
FC60200110	Contactora FC-6/200A coil AC110V 4NO+2NC	1	4	5,650	5,650	22,600
FC60200230	Contactora FC-6/200A coil AC230V 4NO+2NC	1	4	5,650	5,650	22,600
FC60200400	Contactora FC-6/200A coil AC400V 4NO+2NC	1	4	5,650	5,650	22,600
FC60225230	Contactora FC-6/225A coil AC230V 4NO+2NC	1	4	5,650	5,650	22,600
FC60250110	Contactora FC-6/250A coil AC110V 4NO+2NC	1	4	5,650	5,650	22,600
FC60250230	Contactora FC-6/250A coil AC230V 4NO+2NC	1	4	5,650	5,650	22,600
FC60250400	Contactora FC-6/250A coil AC400V 4NO+2NC	1	4	5,650	5,650	22,600
FC60265110	Contactora FC-6/265A coil AC110V 4NO+2NC	1	4	5,650	5,650	22,600
FC60265230	Contactora FC-6/265A coil AC230V 4NO+2NC	1	4	5,650	5,650	22,600
FC60265400	Contactora FC-6/265A coil AC400V 4NO+2NC	1	4	5,650	5,650	22,600

FC7 4NO+2NC



FC70315110	Contactora FC-7/315A coil AC110V 4NO+2NC	1	2	10,970	10,970	21,940
FC70315230	Contactora FC-7/315A coil AC230V 4NO+2NC	1	2	10,970	10,970	21,940
FC70315400	Contactora FC-7/315A coil AC400V 4NO+2NC	1	2	10,970	10,970	21,940
FC70400230	Contactora FC-7/400A coil AC230V 4NO+2NC	1	2	10,970	10,970	21,940
FC70400400	Contactora FC-7/400A coil AC400V 4NO+2NC	1	2	10,970	10,970	21,940
FC70500110	Contactora FC-7/500A coil AC110V 4NO+2NC	1	2	10,970	10,970	21,940
FC70500230	Contactora FC-7/500A coil AC230V 4NO+2NC	1	2	10,970	10,970	21,940
FC70500400	Contactora FC-7/500A coil AC400V 4NO+2NC	1	2	10,970	10,970	21,940

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