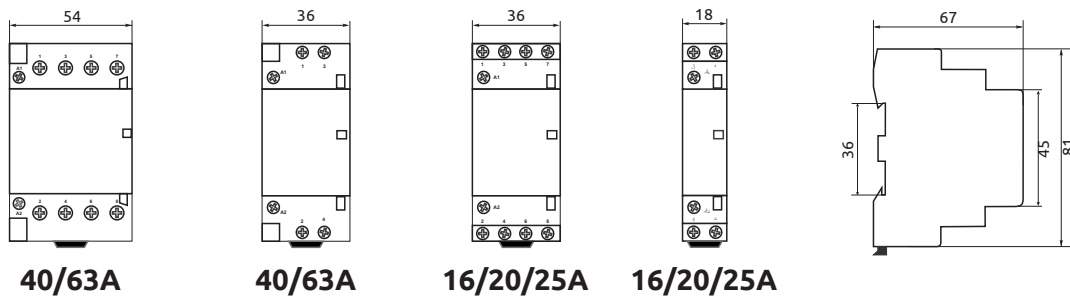


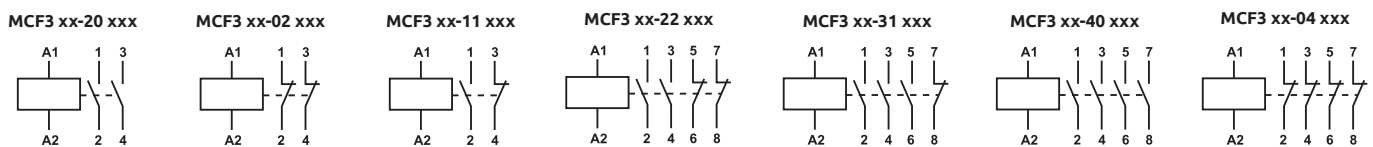
Technical specifications

Series	MCF3												
Standards	IEC 61095, IEC 60947-4-1												
Number of poles	2					4							
Rated current I _n , A (AC-1, AC-7a)	16	20	25	40	63	16	20	25	40	63			
Power P, kW (AC-1, AC-7a)	~230V		3	4	5.2	8.4	13	3		4	5.2	8.4	13
	~400V		9	12	15.6	25	39	9		12	15.6	25	39
Rated current I _n , A (AC-3, AC-7b)	6	6	8.5	15	15	6	6	8.5	15	15			
Power P, kW (AC-3, AC-7b)	~230V		1.1	1.9	2.5	4	6.2	1.1		1.9	2.5	4	6.2
	~400V		2.5	3	4	11	18	2.5		3	4	11	18
Complete set of contact groups, NO/NC	20, 11, 02					22, 40, 04, 31							
Bolt clamping torque, Nm (load chain)	0.8		3.5			0.8		3.5					
Bolt clamping torque, Nm (control chain)	0.8												
Cross-section of connecting conductors, mm ²	1-4		2.5-16			1-4		2.5-16					
Rated voltage U _n , V	~230/400												
Rated frequency f, Hz	50/60												
Rated operating voltage of control circuits U _c , V	~24/230												
Rated voltage of the insulation U _i , V	500												
Rated impulse withstand voltage U _{imp} , V	4000												
Switching wear resistance (number of cycles on/off)	100 000/1 000 000 (electrical/mechanical)												
Response time, s	0.05												
Degree of protection	IP20												
Application category	AC-1, AC-3, AC-7a, AC-7b												
Connecting of additional devices	yes												
DIN rail mounting	TN35												
Operating position	any												

Overall dimensions



Schematic diagrams



Modular contactors MCF3, MCF3i

~230V

Order code	Full name of	Rated current In, A	Packaging, pcs		Gross weight, kg		
			Packaging	Box	Unit	Packaging	Box
MCF31611230	Modular contactor MCF3 16A 1NO 1NC 230V	16	12	120	0,115	1,440	14,600
MCF31602230	Modular contactor MCF3 16A 2NC 230V	16	12	120	0,115	1,440	14,600
MCF31620230	Modular contactor MCF3 16A 2NO 230V	16	12	120	0,115	1,440	14,600
MCF31622230	Modular contactor MCF3 16A 2NO 2NC 230V	16	6	60	0,201	1,260	12,800
MCF31631230	Modular contactor MCF3 16A 3NO 1NC 230V	16	6	60	0,201	1,260	12,800
MCF31640230	Modular contactor MCF3 16A 4NO 230V	16	6	60	0,201	1,260	12,800
MCF31604230	Modular contactor MCF3 16A 4NC 230V	16	6	60	0,201	1,260	12,800

16A



20A



MCF32011230	Modular contactor MCF3 20A 1NO 1NC 230V	20	12	120	0,117	1,460	14,800
MCF32002230	Modular contactor MCF3 20A 2NC 230V	20	12	120	0,117	1,460	14,800
MCF32020230	Modular contactor MCF3 20A 2NO 230V	20	12	120	0,117	1,460	14,800
MCF32022230	Modular contactor MCF3 20A 2NO 2NC 230V	20	6	60	0,204	1,280	13,000
MCF32031230	Modular contactor MCF3 20A 3NO 1NC 230V	20	6	60	0,204	1,280	13,000
MCF32040230	Modular contactor MCF3 20A 4NO 230V	20	6	60	0,204	1,280	13,000
MCF32004230	Modular contactor MCF3 20A 4NC 230V	20	6	60	0,204	1,280	13,000

25A



MCF32511230	Modular contactor MCF3 25A 1NO 1NC 230V	25	12	120	0,120	1,500	14,800
MCF32502230	Modular contactor MCF3 25A 2NC 230V	25	12	120	0,120	1,500	14,800
MCF32520230	Modular contactor MCF3 25A 2NO 230V	25	12	120	0,120	1,500	14,800
MCF32522230	Modular contactor MCF3 25A 2NO 2NC 230V	25	6	60	0,207	1,300	13,200
MCF32531230	Магнітний пускач MCF3 25A 3NO 1NC 230V	25	6	60	0,207	1,300	13,200
MCF32540230	Modular contactor MCF3 25A 4NO 230V	25	6	60	0,207	1,300	13,200
MCF32504230	Modular contactor MCF3 25A 4NC 230V	25	6	60	0,207	1,300	13,200

40A



MCF34011230	Modular contactor MCF3 40A 1NO 1NC 230V	40	6	60	0,230	1,440	14,600
MCF34002230	Modular contactor MCF3 40A 2NC 230V	40	6	60	0,230	1,440	14,600
MCF34020230	Modular contactor MCF3 40A 2NO 230V	40	6	60	0,230	1,440	14,600
MCF34022230	Modular contactor MCF3 40A 2NO 2NC 230V	40	4	40	0,330	1,380	14,000
MCF34031230	Modular contactor MCF3 40A 3NO 1NC 230V	40	4	40	0,330	1,380	13,600
MCF34040230	Modular contactor MCF3 40A 4NO 230V	40	4	40	0,330	1,380	13,600
MCF34004230	Modular contactor MCF3 40A 4NC 230V	40	4	40	0,330	1,380	13,600

63A



MCF36311230	Modular contactor MCF3 63A 1NO 1NC 230V	63	6	60	0,235	1,470	14,900
MCF36302230	Modular contactor MCF3 63A 2NC 230V	63	6	60	0,235	1,470	14,900
MCF36320230	Modular contactor MCF3 63A 2NO 230V	63	6	60	0,235	1,470	14,900
MCF36322230	Modular contactor MCF3 63A 2NO 2NC 230V	63	4	40	0,335	1,400	14,200
MCF36331230	Modular contactor MCF3 63A 3NO 1NC 230V	63	4	40	0,335	1,400	14,200
MCF36340230	Modular contactor MCF3 63A 4NO 230V	63	4	40	0,335	1,400	14,200
MCF36304230	Modular contactor MCF3 63A 4NC 230V	63	4	40	0,335	1,400	14,200