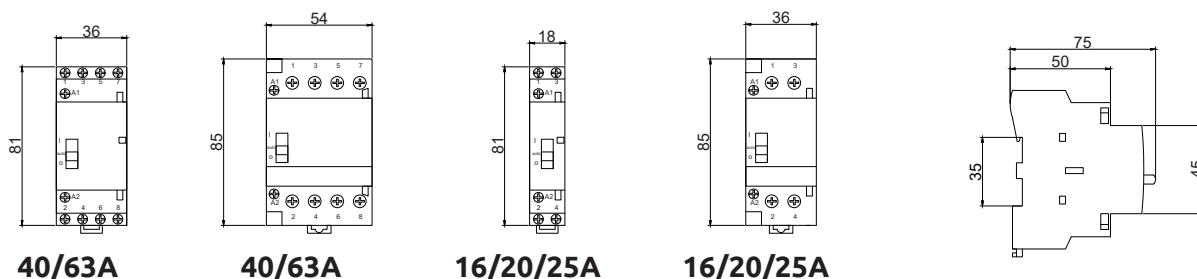


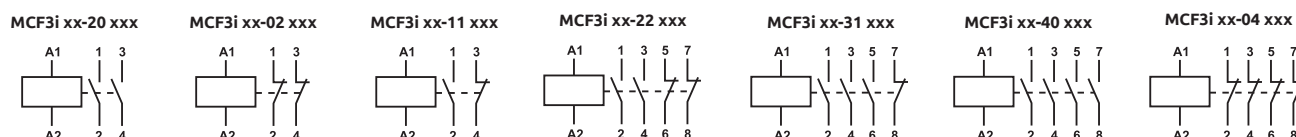
Technical specifications

Series		MCF3i										
Standards		IEC 61095, IEC 60947-4-1										
Number of poles		2					4					
Rated current In, 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 In, 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, mm²		1-4			2.5-16			1-4			2.5-16	
Rated voltage Un, V		~230/400										
Rated frequency f, Hz		50/60										
Rated operating voltage of control circuits Uc, V		~24/230										
Rated voltage of the insulation Ui, V		500										
Rated impulse withstand voltage Uimp, 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

Packaging, pcs
Rated
current In, A

Packaging Box

Gross weight, kg
Unit Packaging Box

16A



MCF3i1611230	Modular contactor MCF3i 16A 1NO 1NC 230V	16	12	120	0,120	1,500	15,200
MCF3i1602230	Modular contactor MCF3i 16A 2NC 230V	16	12	120	0,120	1,500	15,200
MCF3i1620230	Modular contactor MCF3i 16A 2NO 230V	16	12	120	0,120	1,500	15,200
MCF3i1622230	Modular contactor MCF3i 16A 2NO 2NC 230V	16	6	60	0,206	1,320	13,400
MCF3i1631230	Modular contactor MCF3i 16A 3NO 1NC 230V	16	6	60	0,206	1,320	13,400
MCF3i1640230	Modular contactor MCF3i 16A 4NO 230V	16	6	60	0,206	1,320	13,400
MCF3i1604230	Modular contactor MCF3i 16A 4NC 230V	16	6	60	0,206	1,320	13,400

20A



MCF3i2011230	Modular contactor MCF3i 20A 1NO 1NC 230V	20	12	120	0,123	1,520	15,400
MCF3i2002230	Modular contactor MCF3i 20A 2NC 230V	20	12	120	0,123	1,520	15,400
MCF3i2020230	Modular contactor MCF3i 20A 2NO 230V	20	12	120	0,123	1,520	15,400
MCF3i2022230	Modular contactor MCF3i 20A 2NO 2NC 230V	20	6	60	0,209	1,340	13,600
MCF3i2031230	Modular contactor MCF3i 20A 3NO 1NC 230V	20	6	60	0,209	1,340	13,600
MCF3i2040230	Modular contactor MCF3i 20A 4NO 230V	20	6	60	0,209	1,340	13,600
MCF3i2004230	Modular contactor MCF3i 20A 4NC 230V	20	6	60	0,209	1,340	13,600

25A



MCF3i2511230	Modular contactor MCF3i 25A 1NO 1NC 230V	25	12	120	0,125	1,560	15,400
MCF3i2502230	Modular contactor MCF3i 25A 2NC 230V	25	12	120	0,125	1,560	15,400
MCF3i2520230	Modular contactor MCF3i 25A 2NO 230V	25	12	120	0,125	1,560	15,400
MCF3i2522230	Modular contactor MCF3i 25A 2NO 2NC 230V	25	6	60	0,212	1,360	13,800
MCF3i2531230	Modular contactor MCF3i 25A 3NO 1NC 230V	25	6	60	0,212	1,360	13,800
MCF3i2540230	Modular contactor MCF3i 25A 4NO 230V	25	6	60	0,212	1,360	13,800
MCF3i2504230	Modular contactor MCF3i 25A 4NC 230V	25	6	60	0,212	1,360	13,800

40A



MCF3i4011230	Modular contactor MCF3i 40A 1NO 1NC 230V	40	6	60	0,235	1,500	15,200
MCF3i4002230	Modular contactor MCF3i 40A 2NC 230V	40	6	60	0,235	1,500	15,200
MCF3i4020230	Modular contactor MCF3i 40A 2NO 230V	40	6	60	0,235	1,500	15,200
MCF3i4022230	Modular contactor MCF3i 40A 2NO 2NC 230V	40	4	40	0,335	1,440	14,600
MCF3i4031230	Modular contactor MCF3i 40A 3NO 1NC 230V	40	4	40	0,335	1,440	14,200
MCF3i4040230	Modular contactor MCF3i 40A 4NO 230V	40	4	40	0,335	1,440	14,200
MCF3i4004230	Modular contactor MCF3i 40A 4NC 230V	40	4	40	0,335	1,440	14,200

63A



MCF3i6311230	Modular contactor MCF3i 63A 1NO 1NC 230V	63	6	60	0,240	1,530	15,500
MCF3i6302230	Modular contactor MCF3i 63A 2NC 230V	63	6	60	0,240	1,530	15,500
MCF3i6320230	Modular contactor MCF3i 63A 2NO 230V	63	6	60	0,240	1,530	15,500
MCF3i6322230	Modular contactor MCF3i 63A 2NO 2NC 230V	63	4	40	0,340	1,460	14,800
MCF3i6331230	Modular contactor MCF3i 63A 3NO 1NC 230V	63	4	40	0,340	1,460	14,800
MCF3i6340230	Modular contactor MCF3i 63A 4NO 230V	63	4	40	0,340	1,460	14,800
MCF3i6304230	Modular contactor MCF3i 63A 4NC 230V	63	4	40	0,340	1,460	14,800