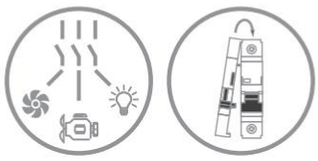
Machine Translated by Google

MCF3i modular magnetic starters

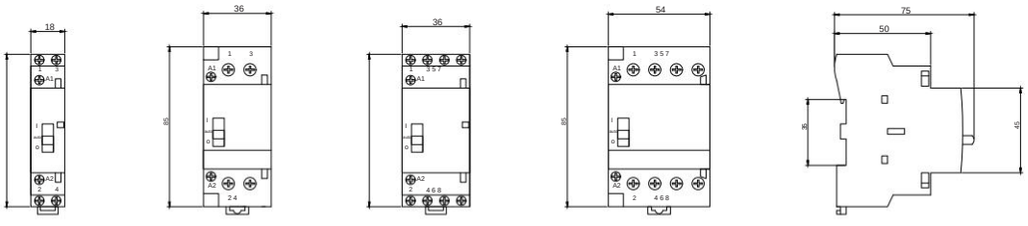




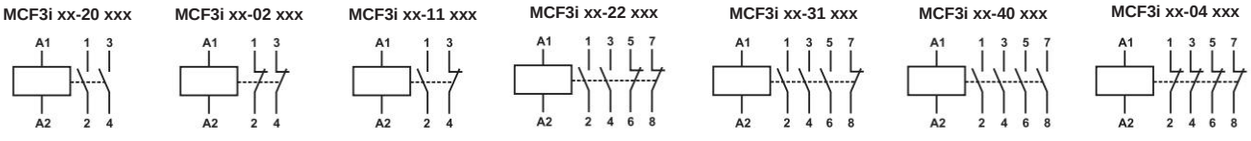
Specifications

Type		MCF3i									
Compliance with the standard		IEC 61095, IEC 60947-4-1									
Number of poles		2					4				
Nominal 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
Nominal 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 moment, Nm (load chain)		0.8		3.5			0.8		3.5		
Bolt clamping moment, Nm (control chain)		0.8									
Cross-section of the conductor to be connected, mm²		1-4		2.5-16			1-4		2.5-16		
Nominal operating voltage Un, V		~230/400									
Nominal frequency f, Hz		50/60									
Nominal operating voltage of circuits control Uc, V		~24/230									
Nominal insulation voltage Ui, V		500									
Nominal impulse voltage Uimp, V		4000									
Switching wear resistance (number of on/off cycles)		100,000/1,000,000 (electrical/mechanical)									
Activation time, s		0.05									
Degree of protection		IP20									
Application category		AC-1, AC-3, AC-7a, AC-7b									
Connecting additional devices		Yes									
Mounting on a DIN rail		35x7.5									
Working position		any									

MCF3i overall dimensions



Schematic diagrams



Machine Translated by Google

MCF3i - 230V

	Code order	Full name	Nominal current In, A	Packaging, pcs		Gross weight, kg		
				Packaging Box		Unit Packaging Box		
16A 	MCF3i1611230	Magnetic starter MCF3i 16A 1NO 1NC 230V	16	0	0	0.110	0.110	0.110
	MCF3i1602230	Magnetic starter MCF3i 16A 2NC 230V	16	0	0	0.110	0.110	0.110
	MCF3i1620230	Magnetic starter MCF3i 16A 2NO 230V	16	0	0	0.110	0.110	0.110
	MCF3i1622230	Magnetic starter MCF3i 16A 2NO 2NC 230V	16	0	0	0.210	0.210	0.210
	MCF3i1631230	Magnetic starter MCF3i 16A 3NO 1NC 230V	16	0	0	0.210	0.210	0.210
	MCF3i1640230	Magnetic starter MCF3i 16A 4NO 230V	16	0	0	0.210	0.210	0.210
20A 	MCF3i2011230	Magnetic starter MCF3i 20A 1NO 1NC 230V	20	0	0	0.110	0.110	0.110
	MCF3i2002230	Magnetic starter MCF3i 20A 2NC 230V	20	0	0	0.110	0.110	0.110
	MCF3i2020230	Magnetic starter MCF3i 20A 2NO 230V	20	0	0	0.110	0.110	0.110
	MCF3i2022230	Magnetic starter MCF3i 20A 2NO 2NC 230V	20	0	0	0.210	0.210	0.210
	MCF3i2040230	Magnetic starter MCF3i 20A 4NO 230V	20	0	0	0.210	0.210	0.210
25A 	MCF3i2511230	Magnetic starter MCF3i 25A 1NO 1NC 230V	25	0	0	0.110	0.110	0.110
	MCF3i2520230	Magnetic starter MCF3i 25A 2NO 230V	25	0	0	0.110	1,320	13,200
	MCF3i2522230	Magnetic starter MCF3i 25A 2NO 2NC 230V	25	0	0	0.210	0.210	0.210
	MCF3i2540230	Magnetic starter MCF3i 25A 4NO 230V	25	0	0	0.210	1,260	12,600
40A 	MCF3i4011230	Magnetic starter MCF3i 40A 1NO 1NC 230V	40	0	0	0.230	0.230	0.230
	MCF3i4020230	Magnetic starter MCF3i 40A 2NO 230V	40	0	0	0.230	0.230	0.230
	MCF3i4022230	Magnetic starter MCF3i 40A 2NO 2NC 230V	40	0	0	0.335	0.335	0.335
	MCF3i4031230	Magnetic starter MCF3i 40A 3NO 1NC 230V	40	0	0	0.335	0.335	0.335
	MCF3i4004230	Magnetic starter MCF3i 40A 4NC 230V	40	0	0	0.335	0.335	0.335
	MCF3i4040230	Magnetic starter MCF3i 40A 4NO 230V	40	0	0	0.335	0.335	0.335
63A 	MCF3i6311230	Magnetic starter MCF3i 63A 1NO 1NC 230V	63	0	0	0.230	0.230	0.230
	MCF3i6320230	Magnetic starter MCF3i 63A 2NO 230V	63	0	0	0.230	1,380	13,800
	MCF3i6322230	Magnetic starter MCF3i 63A 2NO 2NC 230V	63	0	0	0.335	0.335	0.335
	MCF3i6331230	Magnetic starter MCF3i 63A 3NO 1NC 230V	63	0	0	0.335	0.335	0.335
	MCF3i6304230	Magnetic starter MCF3i 63A 4NC 230V	63	0	0	0.335	0.335	0.335
	MCF3i6340230	Magnetic starter MCF3i 63A 4NO 230V	63	0	0	0.335	1,340	13,400

Machine Translated by Google

Additional contact MF/AX to MCF3/MCF3i



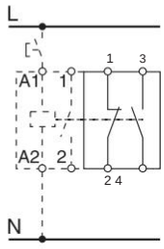


Specifications

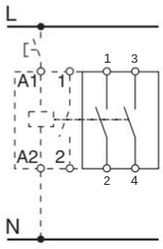
Type	MF/AX		
Compliance with the standard	IEC 61095, IEC 60947-4-1		
Nominal voltage Un, V	130V DC	230V AC	240V AC
Application category	DC13	AC15	AC12
Nominal current In, A	1	2	5
Use with starter Nominal frequency	MCF3, MCF3i		
f, Hz	50/60		
Nominal insulation voltage Ui, V Nominal	500		
impulse voltage Uimp, V Switching wear resistance	4000		
(number of on/off cycles)	100,000/1,000,000 (electrical/mechanical)		
Degree of protection	IP20		
Protection class	II		
Cross-section of the connecting conductor, mm² Connection side	until 2.5		
	from the right side		

Schematic diagrams

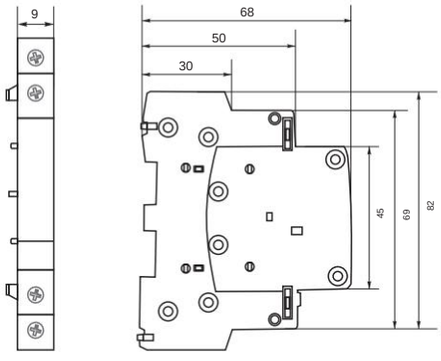
MF/AX 1NO+1NC



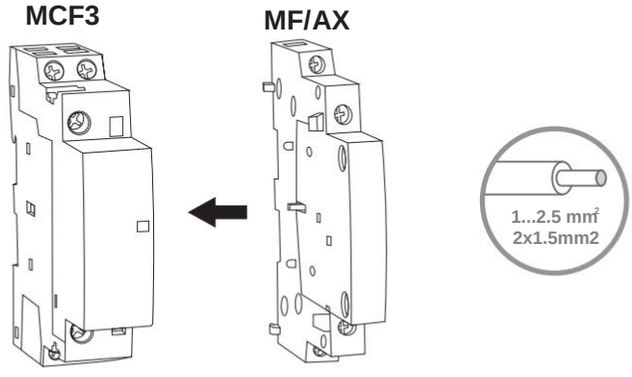
MF/AX 2NO



Overall dimensions MF/AX



Installation of additional device MF/AX



Code order	Full name	Packaging, pcs Packaging	Box	Unit	Gross weight, kg Packaging	Box
MF/AX11	Contact additional MF/AX 1NO+1NC for MCF3/MCF3i	1	1	0.030	0.030	0.030
MF/AX20	Contact additional MF/AX 2NO for MCF3/MCF3i	1	1	0.030	0.030	0.030