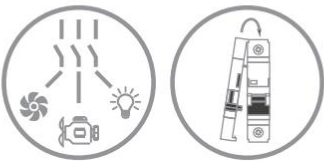


MCF3 modular magnetic starters

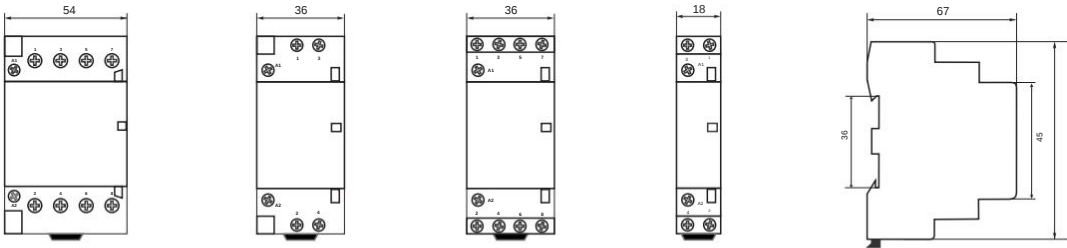


MCF3

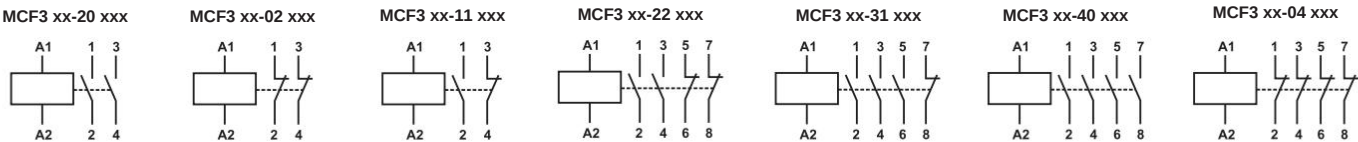
Specifications

Type	MCF3											
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 tightening torque, Nm (control chain)	0.8											
Cross-section of the connecting conductor, 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											

Overall dimensions of MCF3



Schematic diagrams



MCF3 modular magnetic starters



~230V
16A



Code order	Full name	Nominal current In, A	Packaging, pcs		Gross weight, kg		
			Packaging Box		Unit Packaging Box		
MCF31611230	Magnetic starter MCF3 16A 1NO 1NC 230V	16	0	0	0.110	1,320	13,200
MCF31602230	Magnetic starter MCF3 16A 2NC 230V	16	0	0	0.110	1,320	13,200
MCF31620230	Magnetic starter MCF3 16A 2NO 230V	16	0	0	0.110	1,320	13,200
MCF31622230	Magnetic starter MCF3 16A 2NO 2NC 230V	16	0	0	0.110	0,660	6,600
MCF31631230	Magnetic starter MCF3 16A 3NO 1NC 230V	16	0	0	0.210	1,260	12,600
MCF31640230	Magnetic starter MCF3 16A 4NO 230V	16	0	0	0.210	1,260	12,600

20A



MCF32011230	Magnetic starter MCF3 20A 1NO 1NC 230V	20	0	0	0.110	1,320	13,200
MCF32002230	Magnetic starter MCF3 20A 2NC 230V	20	0	0	0.110	1,320	13,200
MCF32020230	Magnetic starter MCF3 20A 2NO 230V	20	0	0	0.110	1,320	13,200
MCF32022230	Magnetic starter MCF3 20A 2NO 2NC 230V	20	0	0	0.210	1,260	12,600
MCF32040230	Magnetic starter MCF3 20A 4NO 230V	20	0	0	0.210	1,260	12,600

25A



MCF32511230	Magnetic starter MCF3 25A 1NO 1NC 230V	25	0	0	0.110	1,320	13,200
MCF32520230	Magnetic starter MCF3 25A 2NO 230V	25	0	0	0.110	1,320	13,200
MCF32522230	Magnetic starter MCF3 25A 2NO 2NC 230V	25	0	0	0.210	1,260	12,600
MCF32540230	Magnetic starter MCF3 25A 4NO 230V	25	0	0	0.210	1,260	12,600

40A



MCF34011230	Magnetic starter MCF3 40A 1NO 1NC 230V	40	0	0	0.230	1,380	13,800
MCF34020230	Magnetic starter MCF3 40A 2NO 230V	40	0	0	0.230	1,380	13,800
MCF34022230	Magnetic starter MCF3 40A 2NO 2NC 230V	40	0	0	0.320	1,280	12,800
MCF34031230	Magnetic starter MCF3 40A 3NO 1NC 230V	40	0	0	0.320	1,280	12,800
MCF34004230	Magnetic starter MCF3 40A 4NC 230V	40	0	0	0.320	1,280	12,800
MCF34040230	Magnetic starter MCF3 40A 4NO 230V	40	0	0	0.320	1,280	12,800

63A



MCF36311230	Magnetic starter MCF3 63A 1NO 1NC 230V	63	0	0	0.230	1,380	13,800
MCF36320230	Magnetic starter MCF3 63A 2NO 230V	63	0	0	0.230	1,380	13,800
MCF36322230	Magnetic starter MCF3 63A 2NO 2NC 230V	63	0	0	0.335	1,340	13,400
MCF36331230	Magnetic starter MCF3 63A 3NO 1NC 230V	63	0	0	0.335	1,340	13,400
MCF36304230	Magnetic starter MCF3 63A 4NC 230V	63	0	0	0.335	1,340	13,400
MCF36340230	Magnetic starter MCF3 63A 4NO 230V	63	0	0	0.335	1,340	13,400