Machine Translated by Google

FAP protective disconnection machines





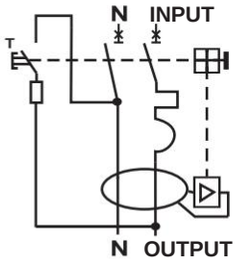


Technical characteristics

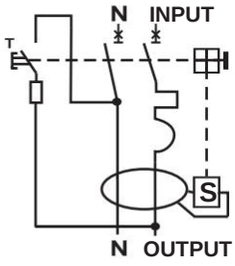
Type	FAP6	FAP10
Compliance with the standard	IEC 61009	
Number of poles	1P+N	
Nominal operating current In, A	6, 10, 16, 20, 25, 32, 40	6, 10, 16, 20, 25, 32, 40
Leakage current ÿÿn, mA	30	30, 100, 300
Nominal operating voltage Un, V Discharge	~230	~230
characteristic Limit switching capacity	B, C	B, C
Icn, A Application category Switching wear	6,000	10,000
resistance (number of on/off	AC	A, AC
cycles) Cross-section of connecting conductors, mm² Type of	4,000/10,000 (electrical/mechanical)	6,000/20,000 (electrical/mechanical) up to 25
differential protection Nominal insulation voltage Uÿ, V	until 16	
Nominal impulse voltage Uÿmp, V	electronic	electromechanical
Nominal frequency f, Hz Selective class	500	
Duration of momentary disconnection, s Degree of	4000	
protection Mounting on a DIN rail	50/60 3	
Connection with a comb		
bus Connection of additional devices Working	ÿ 0.1	
position Sealing	IP20	
possibility ON/OFF Release type	35x7.5	
	No	PIN/FORK
	not any	
	Yes	
	electromagnetic/thermal	

Schematic diagrams

electronic

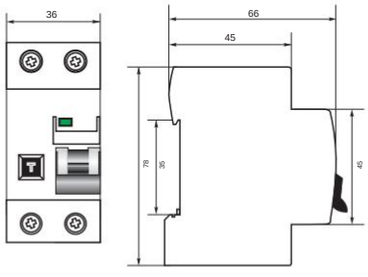


electromechanical

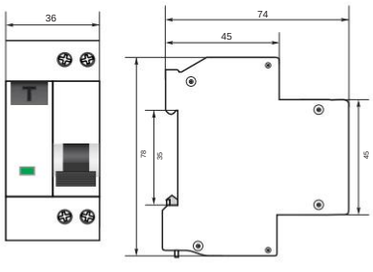


Overall dimensions of FAP

FA10



FA6



Machine Translated by Google

FAP

Type AC

Characteristic B

1P+N



Code order	Full name	Nominal current In, A	Packaging, pcs		Gross weight, kg	
			Packaging	Box	Unit	Packaging Box
FAP06B06030AC	FAP6-AC 6A/0.03A 2P 6kA circuit breaker	6	1	100	0.220	0.220 22.000
FAP06B10030AC	Circuit breaker FAP6-AC 10A/0.03A 2P 6kA	10	1	100	0.220	0.220 22.000
FAP06B16030AC	Circuit breaker FAP6-AC 16A/0.03A 2P 6kA	16	1	100	0.220	0.220 22.000
FAP06B20030AC	Circuit breaker FAP6-AC 20A/0.03A 2P 6kA	20	1	100	0.220	0.220 22.000
FAP06B25030AC	Circuit breaker FAP6-AC 25A/0.03A 2P 6kA	25	1	100	0.220	0.220 22.000
FAP06B32030AC	Circuit breaker FAP6-AC 32A/0.03A 2P 6kA	32	1	100	0.220	0.220 22.000
FAP06B40030AC	Circuit breaker FAP6-AC 40A/0.03A 2P 6kA	40	1	100	0.220	0.220 22.000

Characteristics of C

1P+N



FAP06C06030AC	FAP6-AC 6A/0.03A 2P 6kA circuit breaker	6	1	100	0.220	0.220 22.000
FAP06C10030AC	Circuit breaker FAP6-AC 10A/0.03A 2P 6kA	10	1	100	0.220	0.220 22.000
FAP06C16030AC	Circuit breaker FAP6-AC 16A/0.03A 2P 6kA	16	1	100	0.220	0.220 22.000
FAP06C20030AC	Circuit breaker FAP6-AC 20A/0.03A 2P 6kA	20	1	100	0.220	0.220 22.000
FAP06C25030AC	Circuit breaker FAP6-AC 25A/0.03A 2P 6kA	25	1	100	0.220	0.220 22.000
FAP06C32030AC	Circuit breaker FAP6-AC 32A/0.03A 2P 6kA	32	1	100	0.220	0.220 22.000
FAP06C40030AC	Circuit breaker FAP6-AC 40A/0.03A 2P 6kA 40		1	100	0.220	0.220 22.000

Machine Translated by Google

Type AC

Characteristic B

1P+N



Code order	Full name	Nominal current In, A	Packaging, pcs		Gross weight, kg	
			Packaging Box		Unit Packaging Box	
FAP10B06030AC	Circuit breaker FAP10-AC 6A/0.03A 2P 10kA	6	1	100	0.220	0.220 22.000
FAP10B06100AC	Circuit breaker FAP10-AC 6A/0.1A 2P 10kA	6	1	100	0.220	0.220 22.000
FAP10B06300AC	Circuit breaker FAP10-AC 6A/0.3A 2P 10kA	6	1	100	0.220	0.220 22.000
FAP10B10030AC	Circuit breaker FAP10-AC 10A/0.03A 2P 10kA	10	1	100	0.220	0.220 22.000
FAP10B10100AC	Circuit breaker FAP10-AC 10A/0.1A 2P 10kA	10	1	100	0.220	0.220 22.000
FAP10B10300AC	Circuit breaker FAP10-AC 10A/0.3A 2P 10kA	10	1	100	0.220	0.220 22.000
FAP10B16030AC	Circuit breaker FAP10-AC 16A/0.03A 2P 10kA	16	1	100	0.220	0.220 22.000
FAP10B16100AC	Circuit breaker FAP10-AC 16A/0.1A 2P 10kA	16	1	100	0.220	0.220 22.000
FAP10B16300AC	Circuit breaker FAP10-AC 16A/0.3A 2P 10kA	16	1	100	0.220	0.220 22.000
FAP10B20030AC	Circuit breaker FAP10-AC 20A/0.03A 2P 10kA	20	1	100	0.220	0.220 22.000
FAP10B20100AC	Circuit breaker FAP10-AC 20A/0.1A 2P 10kA	20	1	100	0.220	0.220 22.000
FAP10B20300AC	Circuit breaker FAP10-AC 20A/0.3A 2P 10kA	20	1	100	0.220	0.220 22.000
FAP10B25030AC	Circuit breaker FAP10-AC 25A/0.03A 2P 10kA	25	1	100	0.220	0.220 22.000
FAP10B25100AC	Automatic circuit breaker FAP10-AC 25A/0.1A 2P 10kA	25	1	100	0.220	0.220 22.000
FAP10B25300AC	Circuit breaker FAP10-AC 25A/0.3A 2P 10kA	25	1	100	0.220	0.220 22.000
FAP10B32030AC	Circuit breaker FAP10-AC 32A/0.03A 2P 10kA	32	1	100	0.220	0.220 22.000
FAP10B32100AC	Circuit breaker FAP10-AC 32A/0.1A 2P 10kA	32	1	100	0.220	0.220 22.000
FAP10B32300AC	Automatic circuit breaker FAP10-AC 32A/0.3A 2P 10kA	32	1	100	0.220	0.220 22.000
FAP10B40030AC	Circuit breaker FAP10-AC 40A/0.03A 2P 10kA	40	1	100	0.220	0.220 22.000
FAP10B40100AC	Circuit breaker FAP10-AC 40A/0.1A 2P 10kA	40	1	100	0.220	0.220 22.000
FAP10B40300AC	Circuit breaker FAP10-AC 40A/0.3A 2P 10kA 40		1	100	0.220	0.220 22.000

Characteristics of C

1P+N



FAP10C06030AC	Circuit breaker FAP10-AC 6A/0.03A 2P 10kA	6	1	100	0.220	0.220 22.000
FAP10C06100AC	Circuit breaker FAP10-AC 6A/0.1A 2P 10kA	6	1	100	0.220	0.220 22.000
FAP10C06300AC	Circuit breaker FAP10-AC 6A/0.3A 2P 10kA	6	1	100	0.220	0.220 22.000
FAP10C10030AC	Circuit breaker FAP10-AC 10A/0.03A 2P 10kA	10	1	100	0.220	0.220 22.000
FAP10C10100AC	Circuit breaker FAP10-AC 10A/0.1A 2P 10kA	10	1	100	0.220	0.220 22.000
FAP10C10300AC	Circuit breaker FAP10-AC 10A/0.3A 2P 10kA	10	1	100	0.220	0.220 22.000
FAP10C16030AC	Circuit breaker FAP10-AC 16A/0.03A 2P 10kA	16	1	100	0.220	0.220 22.000
FAP10C16100AC	Circuit breaker FAP10-AC 16A/0.1A 2P 10kA	16	1	100	0.220	0.220 22.000
FAP10C16300AC	Circuit breaker FAP10-AC 16A/0.3A 2P 10kA	16	1	100	0.220	0.220 22.000
FAP10C20030AC	Circuit breaker FAP10-AC 20A/0.03A 2P 10kA	20	1	100	0.220	0.220 22.000
FAP10C20100AC	Circuit breaker FAP10-AC 20A/0.1A 2P 10kA	20	1	100	0.220	0.220 22.000
FAP10C20300AC	Circuit breaker FAP10-AC 20A/0.3A 2P 10kA	20	1	100	0.220	0.220 22.000
FAP10C25030AC	Circuit breaker FAP10-AC 25A/0.03A 2P 10kA	25	1	100	0.220	0.220 22.000
FAP10C25100AC	Automatic circuit breaker FAP10-AC 25A/0.1A 2P 10kA	25	1	100	0.220	0.220 22.000
FAP10C25300AC	Circuit breaker FAP10-AC 25A/0.3A 2P 10kA	25	1	100	0.220	0.220 22.000
FAP10C32030AC	Circuit breaker FAP10-AC 32A/0.03A 2P 10kA	32	1	100	0.220	0.220 22.000
FAP10C32100AC	Circuit breaker FAP10-AC 32A/0.1A 2P 10kA	32	1	100	0.220	0.220 22.000
FAP10C32300AC	Automatic circuit breaker FAP10-AC 32A/0.3A 2P 10kA	32	1	100	0.220	0.220 22.000
FAP10C40030AC	Circuit breaker FAP10-AC 40A/0.03A 2P 10kA	40	1	100	0.220	0.220 22.000
FAP10C40100AC	Circuit breaker FAP10-AC 40A/0.1A 2P 10kA	40	1	100	0.220	0.220 22.000
FAP10C40300AC	Circuit breaker FAP10-AC 40A/0.3A 2P 10kA 40		1	100	0.220	0.220 22.000

Machine Translated by Google

FAP

Type A

Characteristics of B

1P+N



Code order	Full name	Nominal current In, A	Packaging, pcs		Gross weight, kg	
			Packaging	Box	Unit	Packaging Box
FAP10B06030A	Circuit breaker FAP10-A 6A/0.03A 2P 10kA	6	1	100	0.220	0.220 22.000
FAP10B06100A	FAP10-A 6A/0.1A 2P 10kA circuit breaker	6	1	100	0.220	0.220 22.000
FAP10B06300A	FAP10-A 6A/0.3A 2P 10kA circuit breaker	6	1	100	0.220	0.220 22.000
FAP10B10030A	Circuit breaker FAP10-A 10A/0.03A 2P 10kA	10	1	100	0.220	0.220 22.000
FAP10B10100A	Circuit breaker FAP10-A 10A/0.1A 2P 10kA	10	1	100	0.220	0.220 22.000
FAP10B10300A	Circuit breaker FAP10-A 10A/0.3A 2P 10kA	10	1	100	0.220	0.220 22.000
FAP10B16030A	Circuit breaker FAP10-A 16A/0.03A 2P 10kA	16	1	100	0.220	0.220 22.000
FAP10B16100A	Circuit breaker FAP10-A 16A/0.1A 2P 10kA	16	1	100	0.220	0.220 22.000
FAP10B16300A	Circuit breaker FAP10-A 16A/0.3A 2P 10kA	16	1	100	0.220	0.220 22.000
FAP10B20030A	Circuit breaker FAP10-A 20A/0.03A 2P 10kA	20	1	100	0.220	0.220 22.000
FAP10B20100A	Circuit breaker FAP10-A 20A/0.1A 2P 10kA	20	1	100	0.220	0.220 22.000
FAP10B20300A	Circuit breaker FAP10-A 20A/0.3A 2P 10kA	20	1	100	0.220	0.220 22.000
FAP10B25030A	Circuit breaker FAP10-A 25A/0.03A 2P 10kA	25	1	100	0.220	0.220 22.000
FAP10B25100A	Circuit breaker FAP10-A 25A/0.1A 2P 10kA	25	1	100	0.220	0.220 22.000
FAP10B25300A	Circuit breaker FAP10-A 25A/0.3A 2P 10kA	25	1	100	0.220	0.220 22.000
FAP10B32030A	Circuit breaker FAP10-A 32A/0.03A 2P 10kA	32	1	100	0.220	0.220 22.000
FAP10B32100A	Circuit breaker FAP10-A 32A/0.1A 2P 10kA	32	1	100	0.220	0.220 22.000
FAP10B32300A	Circuit breaker FAP10-A 32A/0.3A 2P 10kA	32	1	100	0.220	0.220 22.000
FAP10B40030A	Circuit breaker FAP10-A 40A/0.03A 2P 10kA	40	1	100	0.220	0.220 22.000
FAP10B40100A	Circuit breaker FAP10-A 40A/0.1A 2P 10kA	40	1	100	0.220	0.220 22.000
FAP10B40300A	Circuit breaker FAP10-A 40A/0.3A 2P 10kA	40	1	100	0.220	0.220 22.000

Characteristics of C

1P+N



FAP10C06030A	Circuit breaker FAP10-A 6A/0.03A 2P 10kA	6	1	100	0.220	0.220 22.000
FAP10C06100A	FAP10-A 6A/0.1A 2P 10kA circuit breaker	6	1	100	0.220	0.220 22.000
FAP10C06300A	FAP10-A 6A/0.3A 2P 10kA circuit breaker	6	1	100	0.220	0.220 22.000
FAP10C10030A	Circuit breaker FAP10-A 10A/0.03A 2P 10kA	10	1	100	0.220	0.220 22.000
FAP10C10100A	Circuit breaker FAP10-A 10A/0.1A 2P 10kA	10	1	100	0.220	0.220 22.000
FAP10C10300A	Circuit breaker FAP10-A 10A/0.3A 2P 10kA	10	1	100	0.220	0.220 22.000
FAP10C16030A	Circuit breaker FAP10-A 16A/0.03A 2P 10kA	16	1	100	0.220	0.220 22.000
FAP10C16100A	Circuit breaker FAP10-A 16A/0.1A 2P 10kA	16	1	100	0.220	0.220 22.000
FAP10C16300A	Circuit breaker FAP10-A 16A/0.3A 2P 10kA	16	1	100	0.220	0.220 22.000
FAP10C20030A	Circuit breaker FAP10-A 20A/0.03A 2P 10kA	20	1	100	0.220	0.220 22.000
FAP10C20100A	Circuit breaker FAP10-A 20A/0.1A 2P 10kA	20	1	100	0.220	0.220 22.000
FAP10C20300A	Circuit breaker FAP10-A 20A/0.3A 2P 10kA	20	1	100	0.220	0.220 22.000
FAP10C25030A	Circuit breaker FAP10-A 25A/0.03A 2P 10kA	25	1	100	0.220	0.220 22.000
FAP10C25100A	Circuit breaker FAP10-A 25A/0.1A 2P 10kA	25	1	100	0.220	0.220 22.000
FAP10C25300A	Circuit breaker FAP10-A 25A/0.3A 2P 10kA	25	1	100	0.220	0.220 22.000
FAP10C32030A	Circuit breaker FAP10-A 32A/0.03A 2P 10kA	32	1	100	0.220	0.220 22.000
FAP10C32100A	Circuit breaker FAP10-A 32A/0.1A 2P 10kA	32	1	100	0.220	0.220 22.000
FAP10C32300A	Circuit breaker FAP10-A 32A/0.3A 2P 10kA	32	1	100	0.220	0.220 22.000
FAP10C40030A	Circuit breaker FAP10-A 40A/0.03A 2P 10kA	40	1	100	0.220	0.220 22.000
FAP10C40100A	Circuit breaker FAP10-A 40A/0.1A 2P 10kA	40	1	100	0.220	0.220 22.000
FAP10C40300A	Circuit breaker FAP10-A 40A/0.3A 2P 10kA	40	1	100	0.220	0.220 22.000