

**Residual current circuit breaker with  
over-current protection FAP6-AC  
"C" 16A/0,03A 2P 6kA**

Order code: FAP06C16030AC

**Technical specifications**

Main	
Standard	IEC 61009
Type	RCBO
Series	FAP6-AC
Number of poles	1P+N
Rated current $I_n$ , A	16
Leakage current $I_{\Delta n}$ , mA	30
Network type	AC
Sensitivity to leakage current	AC
Rated frequency $f$ , Hz	50/60
Rated voltage $U_n$ , V	~230
Tripping characteristics	C
Limiting switching capacity $I_{cu}$ , A	6 000
Rated voltage of the insulation $U_i$ , V	500
Rated impulse withstand voltage $U_{imp}$ , kV	4
Trip unit technology	electromagnetic/thermal
Selectivity class	3
DIN rail mounting	TN 35
Mechanical service life (cycles)	10 000
Electrical service life (cycles)	4 000
Cross-section of connecting conductors, mm <sup>2</sup>	up to 16
Differential protection type	electronic
Release time, s	≤0.1
Bolt tensioning torque, Nm	0.8
Connecting of busbar	no
Connecting of additional devices	no
Mounting mode	any
Sealing option ON/OFF	yes
Height, mm	80
Width, mm	36
Depth, mm	74
Weight, kg	0.154

Environment	
Protection class	IP20 conforming to IEC 60529
Pollution degree	3 conforming to EN/IEC 60947-2
Altitude above sea level, m	0...2 000
Operating temperature range, °C	-25...+55
Storage temperature range, °C	-25...+70
Warranty	5 years