PROMFACTOR

Residual current circuit breaker FPR-AC 50A/0,1A 2P 10кA

Order code: FPR2050100AC



Technical specifications

Main	
Standard	EN/IEC 61008-1
Series	FPR-AC
Type	RCCB
Number of poles	2P
Rated current In, A	50
Leakage current IΔn, mA	100
Network type	AC
Sensitivity to leakage current	AC
Rated frequency f, Hz	50/60
Rated voltage Un, V	230/400
Limiting cwitching capacity Icu, A	10 000
Rated voltage of the insulation Ui, V	500
Rated impulse withstand voltage Uimp, kV	4
Trip unit technology	electromechanical
Selectivity class	3
Contact position indicator	yes
Control type	toggle
Switch type	modular
DIN rail mounting	TN 35
Mechanical service life (cycles)	20 000
Electrical service life (cycles)	4 000
Cross-section of connecting conductors, mm²	up to 25
Connecting of busbar	PIN, FORK
Connecting of additional devices	no
Bolt tensioning torque, Nm	3.5
Release time, s	≤0.1
Sealing option ON/OFF	yes
Mounting mode	any
Height, mm	82
Width, mm	36
Depth, mm	78
Weight, kg	0.220

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