PROMFACTOR

Miniature circuit breaker
FB1-63 City C 3P 50A
Order code: FB1CI3050



Technical specifications

Main	
Series	FB1-63 City
Type	Miniature circuit breaker
Number of poles	3P
Number of protected poles	3
Rated current In, A	50
Network type	AC
Rated frequency f, Hz	50/60
Trip unit technology	thermal-magnetic
Time-current characteristics	C
Utilisation category	category A conforming to EN/IEC 60947-2
Insulation category	conforming to EN/IEC 60947-2
Time-current characteristics	EN/IEC 60947-2
Rated voltage Un, V	230/400
Limiting switching capacity Ics, A	6000
Rated voltage of the insulation Ui, V	500
Rated pulse current output voltage Uimp, kV	4
Contact position indicator	yes
Control type	toggle
Mounting mode	clip-on
DIN rail mounting	TN 35
Height, mm	79
Width, mm	54
Depth, mm	77
Weight, kg	0,242
Mechanical commutation wear resistance (the number of ON/OFF cycles)	20 000
Electric commutation wear resistance (the number of ON/OFF cycles)	10 000
Cross-section of connecting conductors, mm²	up to 25
Comb bus connection	PIN
Connecting of additional devices	no
Bolt tensioning torque, Nm	2.0
Release time, s	≤0.01
Sealing option ON/OF	yes

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