PROMFACTOR



Miniature circuit breaker
FB1-63 ECO C 1P 8A
Order code: FB1C1008

Technical specifications

Main	
Standard	IEC/EN 60898, IEC/EN 60947-2
Series	FB1-63 ECO
Type	Miniature circuit breaker
Number of poles	1P
Number of protected poles	1
Rated current In, A	8
Network type	AC
Rated frequency f, Hz	50/60
Trip unit technology	thermal-magnetic
Selectivity class	3
Tripping characteristics	C
Utilisation category	category A conforming to EN/IEC 60947-2
Rated voltage Un, V	230/400
Rated breaking capacity Ics, A	6000
Rated voltage of the insulation Ui, V	500
Rated impulse withstand voltage Uimp, kV	4
Contact position indicator	yes
Control type	toggle
Mounting mode	clip-on
DIN rail mounting	TN 35
Height, mm	82
Width, mm	18
Depth, mm	74
Weight, kg	0.108
Mechanical service life (cycles)	20 000
Electrical service life (cycles)	10 000
Cross-section of connecting conductors, mm²	up to 25
Connecting of busbar	PIN, FORK
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	0...2 000
Operating temperature range, °C	-25...+55
Storage temperature range, °C	-25...+70
Warranty	5 years