

Miniature circuit breaker (MCB), 2 A, 2p, characteristic: B, DC, ring tongue



Part no. FAZ-B2/2-RT-DC
305931

General specifications

Product name	Eaton Moeller series xEffect - FAZ-DC MCB
Part no.	FAZ-B2/2-RT-DC
EAN	9010238217287
Product Length/Depth	105 millimetre
Product height	75.5 millimetre
Product width	35.4 millimetre
Product weight	0.259 kilogram
Compliances	RoHS conform
Certifications	IEC 61373 EN45545-2
Product Tradename	xEffect - FAZ-DC
Product Type	MCB
Product Sub Type	None

Delivery program

Number of poles	Two-pole
Number of poles (total)	2
Number of poles (protected)	2
Tripping characteristic	B
Release characteristic	B
Amperage Rating	2 A
Type	FAZ-DC Miniature circuit breaker

Technical Data - Electrical

Voltage type	DC
Rated operational voltage (Ue) - max	500 V
Rated insulation voltage (Ui)	440 V
Rated impulse withstand voltage (Uimp)	4 kV
Frequency rating - min	50 Hz
Frequency rating - max	60 Hz
Rated switching capacity (IEC/EN 60947-2)	10 kA
Rated short-circuit breaking capacity (EN 60898) at 230 V	0 kA
Rated short-circuit breaking capacity (EN 60898) at 400 V	0 kA
Rated short-circuit breaking capacity (IEC 60947-2) at 230 V	10 kA
Rated short-circuit breaking capacity (IEC 60947-2) at 400 V	10 kA
Selectivity class	3
Lifespan, electrical	4000 operations
Overvoltage category	III
Pollution degree	2

Technical Data - Mechanical

Frame	45 mm
Width in number of modular spacings	2
Built-in depth	75.5 mm
Mounting width	36 mm
Mounting width per pole	17.7 mm
Mounting position	As required
Degree of protection	IP20
Terminals (top and bottom)	Lift terminals

Connectable conductor cross section (solid-core) - min		1 mm ²
Connectable conductor cross section (solid-core) - max		25 mm ²
Connectable conductor cross section (multi-wired) - min		1 mm ²
Connectable conductor cross section (multi-wired) - max		25 mm ²
Terminal capacity (control cable)		25 mm ² (1x)
Terminal protection		Finger and hand touch safe, DGUV VS3, EN 50274
Lifespan, mechanical		20000 operations
Design verification as per IEC/EN 61439 - technical data		
Ambient operating temperature - min		-25 °C
Ambient operating temperature - max		75 °C
Additional information		
Current limiting class		3
Features		Additional equipment possible

Technical data ETIM 9.0

Circuit breakers and fuses (EG000020) / Miniature circuit breaker (MCB) (EC000042)			
Electric engineering, automation, process control engineering / Electrical installation, device / Miniature circuit breaker system (MCB) / Miniature circuit breaker (MCB) (ecI@ss13-27-14-19-01 [AAB905019])			
Built-in depth	mm		75.5
Release characteristic			B
Number of poles (total)			2
Number of protected poles			2
Rated current	A		2
Rated voltage	V		500
Rated insulation voltage Ui	V		440
Rated impulse withstand voltage Uimp	kV		4
Rated short-circuit breaking capacity Icn according to EN 60898 at 230 V	kA		0
Voltage type			DC
Rated short-circuit breaking capacity Icn according to EN 60898 at 400 V	kA		0
Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V	kA		10
Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V	kA		10
Frequency	Hz		50 - 60
Power loss	W		2.8
Current limiting class			3
Flush-mounted installation			No
Concurrently switching neutral conductor			No
Over voltage category			3
Pollution degree			2
Additional equipment possible			Yes
Width in number of modular spacings			2
Degree of protection (IP)			IP20
Ambient temperature during operating	°C		-25 - 75
Connectable conductor cross section multi-wired	mm ²		1 - 25
Connectable conductor cross section solid-core	mm ²		1 - 25
Explosion-proof			No