

## Miniature circuit breaker (MCB), 2 A, 2p, characteristic: C, DC

**Part no.**                   **FAZ-C2/2-DC**  
                                   **279134**  
**EL Number**               **1691500**  
**(Norway)**

<b>General specifications</b>		
Product name		Eaton Moeller series xEffect - FAZ-DC MCB
Part no.		FAZ-C2/2-DC
EAN		4015082791346
Product Length/Depth		80 millimetre
Product height		75.5 millimetre
Product width		36 millimetre
Product weight		0.226 kilogram
Compliances		RoHS conform
Certifications		CSA Std. C22.2 No. 235 UL 1077 IEC/EN 60947-2 IEC 61373 EN45545-2
Product Tradename		xEffect - FAZ-DC
Product Type		MCB
Product Sub Type		None
Catalog Notes		Positioned for medium inrush startup currents to provide protection for small transformers and pilot devices.
<b>Delivery program</b>		
Application		Switchgear for DC applications
Number of poles		Two-pole
Number of poles (total)		2
Number of poles (protected)		2
Tripping characteristic		C
Release characteristic		C
Amperage Rating		2 A
Type		FAZ-DC Miniature circuit breaker
<b>Technical Data - Electrical</b>		
Voltage type		DC
Voltage rating at DC		250 V DC (per pole)
Rated operational voltage (Ue) - max		250 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
Admissible back-up fuse - max		100 A gL/gG
Selectivity class		3
Lifespan, electrical		10000 operations
Overvoltage category		III
Pollution degree		2
Direction of incoming supply		Polarity dependent
<b>Technical Data - Mechanical</b>		
Frame		45 mm

Enclosure width		80 mm
Width in number of modular spacings		2
Built-in depth		70.5 mm
Mounting width		17.5 mm
Mounting width per pole		17.5 mm
Mounting Method		Top-hat rail IEC/EN 60715
Mounting position		As required
Degree of protection		IP40 (when fitted) IP20
Terminals (top and bottom)		Twin-purpose terminals
Connectable conductor cross section (solid-core) - min		1 mm <sup>2</sup>
Connectable conductor cross section (solid-core) - max		25 mm <sup>2</sup>
Connectable conductor cross section (multi-wired) - min		1 mm <sup>2</sup>
Connectable conductor cross section (multi-wired) - max		25 mm <sup>2</sup>
Terminal capacity of screw terminals for main cable		10 mm <sup>2</sup> (2x)
Terminal capacity (control cable)		25 mm <sup>2</sup> (1x)
Terminal protection		Finger and hand touch safe, DGUV VS3, EN 50274
Busbar material thickness		0.8 mm - 2 mm
<b>Design verification as per IEC/EN 61439 - technical data</b>		
Rated operational current for specified heat dissipation (In)		2 A
Heat dissipation per pole, current-dependent		0 W
Equipment heat dissipation, current-dependent		2.8 W
Static heat dissipation, non-current-dependent		0 W
Heat dissipation capacity		0 W
Ambient operating temperature - min		-25 °C
Ambient operating temperature - max		75 °C
<b>Additional information</b>		
Current limiting class		3
Features		Additional equipment possible
Special features		Ambient temperature hint: a 1 °C increase results in a 0.5% linear reduction of current carrying capacity
Used with		FAZ-DC Miniature circuit breaker

## 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) (ecl@ss13-27-14-19-01 [AAB905019])		
Built-in depth	mm	70.5
Release characteristic		C
Number of poles (total)		2
Number of protected poles		2
Rated current	A	2
Rated voltage	V	250
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 <sup>2</sup>	1 - 25
Connectable conductor cross section solid-core		mm <sup>2</sup>	1 - 25
Explosion-proof			No