## Miniature circuit breaker (MCB), 10 A, 1p, characteristic: C



FAZT-C10/1 Part no. 240803

**EL Number** 1605568 (Norway)

(Norway)	
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Product name	Eaton Moeller series xEffect - FAZ-T MCB
Part no.	FAZT-C10/1
EAN	4015082408039
Product Length/Depth	80 millimetre
Product height	75.5 millimetre
Product width	17.7 millimetre
Product weight	0.11 kilogram
Compliances	RoHS conform
Certifications	IEC/EN 60947-2 EN45545-2 IEC 61373
Product Tradename	xEffect - FAZ-T
Product Type	MCB
Product Sub Type	None
Application	Switchgear for industrial and advanced commercial applications xEffect - Switchgear for industrial and advanced commercial applications
Number of poles	Single-pole
Number of poles (total)	1
Number of poles (protected)	1
Tripping characteristic	С
Release characteristic	С
Amperage Rating	10 A
Туре	FAZ-T Miniature circuit breaker
Voltage type	AC
Voltage rating (IEC/EN 60898-1)	240
Voltage rating (IEC/EN 60947-2)	240 V AC
Rated operational voltage (Ue) - max	240 V
Operational voltage (IEC/EN 60947-2) - max	254
Operational voltage at DC (EC/EN 60947-2) - max	60
Rated insulation voltage (Ui)	440 V
Rated impulse withstand voltage (Uimp)	4 kV
Frequency rating	50 Hz / 60 Hz
Frequency rating - min	50 Hz
Frequency rating - max	60 Hz
Rated switching capacity (IEC/EN 60947-2) at max voltage rating	15 kA
Rated switching capacity (IEC/EN 60947-2)	25 kA
Rated switching capacity (IEC/EN 60898-1)	15 kA
Rated service short-circuit breaking capacity (IEC/EN 60898-1)	7.5 kA
Rated service short-circuit breaking capacity (IEC/EN 60947-2)	7.5 kA
Rated short-circuit breaking capacity (EN 60898) at 230 V	15 kA
Rated short-circuit breaking capacity (EN 60898) at 400 V	15 kA
Rated short-circuit breaking capacity (IEC 60947-2) at 230 V	25 kA
Rated short-circuit breaking capacity (IEC 60947-2) at 400 V	25 kA
Lifespan, electrical	4000 operations
Overvoltage category	III
Pollution degree	2
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10.2.3.2 Verification of resistance of insulating materials to normal heat 10.2.3.3 Resist. of insul. mat. to abnormal heat/fire by internal elect. effects 10.2.4 Resistance to ultra-violet (UV) radiation 10.2.5 Lifting 10.2.6 Mechanical impact 10.2.6 Mechanical impact 10.2.7 Inscriptions 10.2 Degree of protection of assemblies 10.3 Degree of protection of assemblies 10.4 Clearances and creepage distances 10.5 Protection against electric shock 10.6 Incorporation of switching devices and components 10.7 Internal electrical circuits and connections 10.8 Connections for external conductors 10.9 Power-frequency electric strength 10.9.1 Resting of enclosures made of insulating material 10.9.4 Testing of enclosures made of insulating material 10.9 The panel builder's responsibility. 10.9 The panel builder is responsibility.	
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10.2.4 Resistance to ultra-violet (UV) radiation  Meets the product standard's requirements.  10.2.5 Lifting  Does not apply, since the entire switchgear  10.2.6 Mechanical impact  Does not apply, since the entire switchgear  10.2.7 Inscriptions  Meets the product standard's requirements.  10.3 Degree of protection of assemblies  Does not apply, since the entire switchgear  10.4 Clearances and creepage distances  Meets the product standard's requirements.  10.5 Protection against electric shock  Does not apply, since the entire switchgear  10.6 Incorporation of switching devices and components  Does not apply, since the entire switchgear  10.7 Internal electrical circuits and connections  Is the panel builder's responsibility.  10.8 Connections for external conductors  Is the panel builder's responsibility.  10.9.2 Power-frequency electric strength  Is the panel builder's responsibility.  10.9.3 Impulse withstand voltage  Is the panel builder's responsibility.  10.9.4 Testing of enclosures made of insulating material  The panel builder is responsible for the temp	
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10.4 Clearances and creepage distances  10.5 Protection against electric shock  10.6 Incorporation of switching devices and components  10.7 Internal electrical circuits and connections  10.8 Connections for external conductors  10.9.2 Power-frequency electric strength  10.9.3 Impulse withstand voltage  10.9.4 Testing of enclosures made of insulating material  10.9.4 Temperature rise  Meets the product standard's requirements.  Does not apply, since the entire switchgear  Does not apply, since the entire switchgear  Is the panel builder's responsibility.  The panel builder is responsible for the temp	
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10.10 Temperature rise The panel builder is responsible for the temp	
provide near dissipation data for the devices	
10.11 Short-circuit rating Is the panel builder's responsibility. The spe observed.	cifications for the switchgear must
10.12 Electromagnetic compatibility  Is the panel builder's responsibility. The spe observed.	cifications for the switchgear must
10.13 Mechanical function  The device meets the requirements, provide leaflet (IL) is observed.	d the information in the instruction

Features	Additional equipment possible
Special features	Ambient temperature hint: a 1 $^\circ\text{C}$ increase results in a 0.5% linear reduction of current carrying capacity
Used with	Miniature circuit breaker FAZ-T

## **Technical data ETIM 8.0**

Circuit dreakers and tuses (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@ss10.0.1-27-14-19-01 [AAB905014])

Built-in depth  Release characteristic  Number of poles (total)  Number of protected poles	mm	70.5 C 1
Number of poles (total)  Number of protected poles	A	1
Number of protected poles	A	
	A	1
D. J.	Α	
Rated current		10
Rated voltage	V	240
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	15
Voltage type		AC
Rated short-circuit breaking capacity Icn according to EN 60898 at 400 V	kA	15
Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V	kA	25
Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V	kA	25
Frequency	Hz	50 - 60
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		1
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