

Miniature circuit breaker (MCB), 7 A, 2p, characteristic: D

Part no. **FAZ-D7/2**
167491
EL Number **1691181**
(Norway)

Product name	Eaton Moeller series xEffect - FAZ MCB
Part no.	FAZ-D7/2
EAN	4015081639922
Product Length/Depth	80 millimetre
Product height	75.5 millimetre
Product width	36 millimetre
Product weight	0.222 kilogram
Compliances	RoHS conform
Certifications	IEC 61373 EN45545-2
Product Tradename	xEffect - FAZ
Product Type	MCB
Product Sub Type	None
Globally Marketable	Yes
Application	Switchgear for industrial and advanced commercial applications xEffect - Switchgear for industrial and advanced commercial applications
Number of poles	Two-pole
Number of poles (total)	2
Number of poles (protected)	2
Tripping characteristic	D
Release characteristic	D
Amperage Rating	7 A
Type	FAZ Miniature circuit breaker
Voltage type	AC
Rated operational voltage (Ue) - max	415 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)	15 kA
Rated short-circuit breaking capacity (EN 60898) at 230 V	10 kA
Rated short-circuit breaking capacity (EN 60898) at 400 V	10 kA
Rated short-circuit breaking capacity (IEC 60947-2) at 230 V	15 kA
Rated short-circuit breaking capacity (IEC 60947-2) at 400 V	15 kA
Overvoltage category	III
Pollution degree	2
Width in number of modular spacings	2
Built-in depth	70.5 mm
Degree of protection	IP20
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

Rated operational current for specified heat dissipation (I _n)		7 A
Heat dissipation per pole, current-dependent		0 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
Current limiting class		3
Features		Additional equipment possible
Special features		Ambient temperature hint: Starting at 70 °C a 1 °C increase results in a 0.5% linear reduction of current carrying capacity
Used with		Miniature circuit breaker FAZ

Technical data ETIM 8.0

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)
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Built-in depth	mm	70.5
Release characteristic		D
Number of poles (total)		2
Number of protected poles		2
Rated current	A	7
Rated voltage	V	415
Rated insulation voltage U _i	V	440
Rated impulse withstand voltage U _{imp}	kV	4
Rated short-circuit breaking capacity I _{cn} according to EN 60898 at 230 V	kA	10
Voltage type		AC
Rated short-circuit breaking capacity I _{cn} according to EN 60898 at 400 V	kA	10
Rated short-circuit breaking capacity I _{cu} according to IEC 60947-2 at 230 V	kA	15
Rated short-circuit breaking capacity I _{cu} according to IEC 60947-2 at 400 V	kA	15
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		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