

Miniature circuit breaker (MCB), 63 A, 3p, characteristic: D

Part no. FAZ-D63/3
115375
EL Number 1691204
(Norway)

General specifications	
Product name	Eaton Moeller series xEffect - FAZ MCB
Part no.	FAZ-D63/3
EAN	4015081147755
Product Length/Depth	80 millimetre
Product height	75.5 millimetre
Product width	54 millimetre
Product weight	0.369 kilogram
Compliances	UL CSA09 (with supplementary protector only) RoHS conform
Certifications	CSA (Class No. 3215-30) CSA-C22.2 No. 235 UL 1077 UL (Category Control Number QVNU2, QVNU8) IEC/EN 60947-2 CE marking IEC/EN 60898 CSA (File No. 204453) North America (UL recognized, CSA certified) UL (File No. E177451) EN45545-2 IEC 61373
Product Tradename	xEffect - FAZ
Product Type	MCB
Product Sub Type	None
Delivery program	
Application	Branch circuits, not as BCPD Switchgear for industrial and advanced commercial applications xEffect - Switchgear for industrial and advanced commercial applications
Number of poles	Three-pole
Number of poles (total)	3
Number of poles (protected)	3
Tripping characteristic	D
Release characteristic	D
Amperage Rating	63 A
Type	FAZ Miniature circuit breaker
Technical Data - Electrical	
Voltage type	AC
Voltage rating	240 V AC / 415 V AC
Voltage rating (UL CSA 13)	480 Y/277 V AC
Rated operational voltage (Ue) - max	400 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	6 kA
Rated short-circuit breaking capacity (EN 60898) at 400 V	6 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
Overvoltage category	III
Pollution degree	2
Technical Data - Mechanical	

Width in number of modular spacings		3
Built-in depth		70.5 mm
Degree of protection		IP20 UL/CSA Type: - IP20 (IEC)
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
Design verification as per IEC/EN 61439 - technical data		
Rated operational current for specified heat dissipation (I _n)		63 A
Heat dissipation per pole, current-dependent		0 W
Equipment heat dissipation, current-dependent		20.4 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
Additional information		
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 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		D
Number of poles (total)		3
Number of protected poles		3
Rated current	A	63
Rated voltage	V	400
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	6
Voltage type		AC
Rated short-circuit breaking capacity I _{cn} according to EN 60898 at 400 V	kA	6
Rated short-circuit breaking capacity I _{cu} according to IEC 60947-2 at 230 V	kA	10
Rated short-circuit breaking capacity I _{cu} according to IEC 60947-2 at 400 V	kA	10
Frequency	Hz	50 - 60
Power loss	W	16.6
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		3
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

