DATASHEET - FAZ-C8/3-NA

Miniature circuit breaker (MCB), 8 A, 3p, characteristic: C



Part no.	FAZ-C8/3-NA
	102246
EL Number	1691614
(Norway)	

EL NUMBER 1691614 (Norway)	
General specifications	
Product name	Eaton Moeller series xEffect - FAZ-NA, FAZ-RT MCB
Part no.	FAZ-C8/3-NA
EAN	4015081021222
Product Length/Depth	105 millimetre
Product height	75.5 millimetre
Product width	53.1 millimetre
Product weight	0.364 kilogram
Compliances	RoHS conform
Certifications	CSA-C22.2 No. 5-09 UL (Category Control Number DIVQ) UL 489 IEC/EN 60947-2 North America (UL listed, CSA certified) CE marking UL (File No. E235139) CSA (File No. 204453) CSA (Class No. 1432-01) Specially designed for North America, suitable as BCPD UL 489, CSA C22.2 No. 5 IEC 60947-2 EN45545-2 IEC 61373
Product Tradename	xEffect - FAZ-NA, FAZ-RT
Product Type	МСВ
Product Sub Type	None
Delivery program	
Application	Feeder circuits, branch circuits Switchgear for export to North America (UL-listed)
Number of poles	Three-pole
Number of poles (total)	3
Number of poles (protected)	3
Tripping characteristic	C
Release characteristic	C
Amperage Rating	8 A
Туре	FAZ-NA Miniature circuit breaker
Technical Data - Electrical	
Voltage type	AC
Voltage rating	277 V AC / 480 V AC
Voltage rating at DC	60 V DC
Voltage rating (IEC/EN 60947-2)	440 V
Voltage rating (UL)	480Y/277 V
Rated operational voltage (Ue) - max	4001277 V 415 V
Rated insulation voltage (Ui)	415 V 440 V
·	
Rated impulse withstand voltage (Uimp) Frequency rating - min	4 kV 50 Hz
Frequency rating - min	60 Hz
Prequency rating - max Rated switching capacity (IEC/EN 60947-2)	15 kA
Breaking capacity	10 kA (UL489)
Rated short-circuit breaking capacity (EN 60898) at 230 V	0 kA 0 kA
Rated short-circuit breaking capacity (EN 60898) at 400 V	UKA

Rated short-circuit breaking capacity (IEC 60947-2) at 230 V

Rated short-circuit breaking capacity (IEC 60947-2) at 400 $\rm V$

15 kA

15 kA

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		provide heat dissipation data for the devices.
	10.11 Short-circuit rating	Is the panel builder's responsibility. The specifications for the switchgear must be observed.

10.12 Electromagnetic compatibility	Is the panel builder's responsibility. The specifications for the switchgear must be observed.
10.13 Mechanical function	The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.
Additional information	
Current limiting class	3
Features	Additional equipment possible
Functions	Current limiting circuit breaker
Special features	Ambient temperature hint: a 1 °C increase results in a 0.5% linear reduction of current carrying capacity
Used with	FAZ-NA 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	mr	m 7	70.5
Release characteristic		(C
Number of poles (total)		3	3
Number of protected poles		3	3
Rated current	А	8	8
Rated voltage	V	L	415
Rated insulation voltage Ui	V	L	440
Rated impulse withstand voltage Uimp	kV	/ /	4
Rated short-circuit breaking capacity Icn according to EN 60898 at 230 V	kA	4 (0
Voltage type		1	AC
Rated short-circuit breaking capacity Icn according to EN 60898 at 400 V	kA	A (0
Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V $$	kA	A 1	15
Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V $$	kA	A 1	15
Frequency	Hz	z Ę	50 - 60
Power loss	W	/ 3	3.9
Current limiting class		3	3
Flush-mounted installation		I	No
Concurrently switching neutral conductor		ſ	No
Over voltage category		3	3
Pollution degree		2	2
Additional equipment possible		١	Yes
Width in number of modular spacings		3	3
Degree of protection (IP)		I	IP20
Ambient temperature during operating	°C	; .	-25 - 75
Connectable conductor cross section multi-wired	mr	m ² 1	1 - 25
Connectable conductor cross section solid-core	mr	m ² 1	1 - 25
Explosion-proof		I	No