DATASHEET - FAZ-B3/4



Miniature circuit breaker (MCB), 3A, 4p, type B characteristic

Powering Business Worldwide*

Part no. FAZ-B3/4
Catalog No. 279025
Eaton Catalog No. FAZ-B3/4
EL-Nummer 0001691067
(Norway)

Similar to illustration

Technical data Electrical

Rated switching capacity acc. to IEC/EN 60947-2	I _{cu}	kA	15
Breaking capacity according to UL		kA	10 (UL1077)
Max operational voltage according to IEC/EN 60947-2		V AC	440
Rated switching capacity according to IEC/EN 60947-2 (max operational voltage) I _{cu}	kA	10
Rated service short-circuit breaking capacity according to IEC/EN 60947-2 (max operational voltage)	I _{cs}		7,5 kA
Rated voltage according to IEC/EN 60898-1	U_n	V AC	415
Rated switching capacity according to IEC/EN 60898-1	I _{cn}	kA	10
Rated service short-circuit breaking capacity according to IEC/EN 60898-1	I _{cs}		7,5 kA

Design verification as per IEC/EN 61439

Technical data for design verification			
Rated operational current for specified heat dissipation	In	Α	3
Heat dissipation per pole, current-dependent	P _{vid}	W	0
Equipment heat dissipation, current-dependent	P_{vid}	W	10
Static heat dissipation, non-current-dependent	P _{vs}	W	0
Heat dissipation capacity	P _{diss}	W	0
Operating ambient temperature min.		°C	-40
Operating ambient temperature max.		°C	75
			linear, per +1 °C, results in a 0.5% reduction of current carrying capacity

Technical data FTIM 7.0

Electric engineering, automation, process control engineering / Electrical installation, device / Miniature circuit breaker system (MCB) / Miniature circuit breaker (MCB) (ecl@ss10.01-27-14-19-01 [AAB905014]) Release characteristic Number of poles (total) Number of protected poles Rated current A 3 Rated voltage V 400 Rated insulation voltage Ui Rated insulation voltage Uimp Rated impulse withstand voltage Uimp Rated short-circuit breaking capacity Ion EN 60898 at 230 V Rated short-circuit breaking capacity Ion EN 60898 at 400 V Rated short-circuit breaking capacity Ion EN 60898 at 400 V Rated short-circuit breaking capacity Ion EC 60947-2 at 230 V Rated short-circuit breaking capacity Ion EC 60947-2 at 400 V Rated short-circuit breaking capacity Ion EC 60947-	lechnical data ETIM 7.0					
Release characteristic B B	Circuit breakers and fuses (EG000020) / Miniature circuit breaker (MCB) (EC000042)					
Number of poles (total) 4 Number of protected poles 4 Rated current A 3 Rated voltage V 400 Rated insulation voltage Ui V 440 Rated impulse withstand voltage Uimp kV 4 Rated short-circuit breaking capacity Icn EN 60898 at 230 V kA 10 Rated short-circuit breaking capacity Icu EC 60947-2 at 230 V kA 15 Rated short-circuit breaking capacity Icu IEC 60947-2 at 400 V kA 15 Voltage type AC AC Frequency Hz 50 - 60 Current limiting class Suitable for flush-mounted installation No Concurrently switching N-neutral No No Over voltage category 3 2 Pollution degree 2 2	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])					
Number of protected poles Rated current Rated current Rated voltage Rated insulation voltage Ui Rated insulation voltage Uimp Rated short-circuit breaking capacity Icn EN 60898 at 230 V Rated short-circuit breaking capacity Icn EN 60898 at 400 V Rated short-circuit breaking capacity Icn EN 60898 at 400 V Rated short-circuit breaking capacity Icu IEC 60947-2 at 230 V Rated short-circuit breaking capacity Icu IEC 60947-2 at 400 V Rated short-circuit breaking capacity I	Release characteristic			В		
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Rated short-circuit breaking capacity Icu IEC 60947-2 at 230 V kA 15 Rated short-circuit breaking capacity Icu IEC 60947-2 at 400 V kA 15 Voltage type AC Frequency Hz 50 - 60 Current limiting class 3 Suitable for flush-mounted installation No Concurrently switching N-neutral No Over voltage category 3 Pollution degree 2 Pollution degree 2 Pollution degree 2 Pollution degree 15 Rated short-circuit breaking capacity Icu IEC 60947-2 at 230 V kA 15 AC AC AC AC No AC AC No 2 2	Rated short-circuit breaking capacity Icn EN 60898 at 230 V		kA	10		
Rated short-circuit breaking capacity Icu IEC 60947-2 at 400 V kA 15 Voltage type AC Frequency Hz 50 - 60 Current limiting class Suitable for flush-mounted installation Concurrently switching N-neutral Over voltage category Pollution degree kA 15 No 2	Rated short-circuit breaking capacity Icn EN 60898 at 400 V		kA	10		
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Frequency Hz 50 - 60 Current limiting class Suitable for flush-mounted installation Concurrently switching N-neutral Over voltage category John Concurrently services John Concurrently switching N-neutral Over voltage category John Concurrently Services John Concu	Rated short-circuit breaking capacity Icu IEC 60947-2 at 400 V		kA	15		
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Suitable for flush-mounted installation Concurrently switching N-neutral Over voltage category 3 Pollution degree 2	Frequency		Hz	50 - 60		
Concurrently switching N-neutral No Over voltage category 3 Pollution degree 2	Current limiting class			3		
Over voltage category 3 Pollution degree 2	Suitable for flush-mounted installation			No		
Pollution degree 2	Concurrently switching N-neutral			No		
	Over voltage category			3		
Additional equipment possible Yes	Pollution degree			2		
	Additional equipment possible			Yes		

Width in number of modular spacings		4
Built-in depth	mm	70.5
Degree of protection (IP)		IP20
Ambient temperature during operating	°C	-25 - 75
Connectable conductor cross section multi-wired	mm²	1 - 25
Connectable conductor cross section solid-core	mm²	1 - 25