



## Miniature circuit breaker (MCB), 3.5A, 4p, type B characteristic

**Part no.** FAZ-B3,5/4  
**Catalog No.** 279026  
**Eaton Catalog No.** FAZ-B3.5/4  
**EL-Nummer** 0001691068  
**(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	$I_n$	A	3.5
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 ETIM 7.0

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) (ec1@ss10.0.1-27-14-19-01 [AAB905014])			
Release characteristic			B
Number of poles (total)			4
Number of protected poles			4
Rated current		A	3.5
Rated voltage		V	400
Rated insulation voltage $U_i$		V	440
Rated impulse withstand voltage $U_{imp}$		kV	4
Rated short-circuit breaking capacity $I_{cn}$ EN 60898 at 230 V		kA	10
Rated short-circuit breaking capacity $I_{cn}$ EN 60898 at 400 V		kA	10
Rated short-circuit breaking capacity $I_{cu}$ IEC 60947-2 at 230 V		kA	15
Rated short-circuit breaking capacity $I_{cu}$ 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
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	mm <sup>2</sup>	1 - 25
Connectable conductor cross section solid-core	mm <sup>2</sup>	1 - 25