DATASHEET - FAZT-C16/2



Miniature circuit breaker (MCB), 16 A, 2p, characteristic: C

Powering Business Worldwide

FAZT-C16/2 Part no. Catalog No. 240861 Alternate Catalog FAZT-C16/2

EL-Nummer 1605606

(Norway)

Similar to illustration

Delivery program			
Basic function			Miniature circuit-breakers
Number of poles			2 pole
Tripping characteristic			С
Application			Switchgear for industrial and advanced commercial applications
Rated current	In	Α	16
Rated switching capacity acc. to IEC/EN 60947-2	I _{cu}	kA	25
Product range			FAZ-T

Technical data

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С	e	G	ш	ca	

Standards			IEC/EN 60947-2 EN 45545-2; IEC 61373
Rated voltage according to IEC/EN 60947-2	U_n	V AC	415
Rated switching capacity acc. to IEC/EN 60947-2	I _{cu}	kA	25
Rated service short-circuit breaking capacity according to IEC/EN 60947-2	I _{cs}		12,5 kA
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	15
Rated service short-circuit breaking capacity according to IEC/EN 60947-2 (max operational voltage)	I _{cs}		7,5 kA
Max operational voltage DC according to IEC/EN 60947-2		V DC	60/pole
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	15
Rated service short-circuit breaking capacity according to IEC/EN 60898-1	I _{cs}		7,5 kA
Rated insulation voltage	U_{i}	V	440
Rated frequency	f	Hz	50/60
Characteristic			B, C, D
Direction of incoming supply			as required
lifespan			
Electrical	Operations		≧ 4000
Mechanical	Operations		≧ 10000

Mechanical

m	nm	45
m	nm	80
m	nm	17.5
		Quick attachment with 3 latch positions for top-hat rail IEC/EN 60715
		IP20
		Twin-purpose terminals
		Finger- and back-of-hand proof according to BGV A3 and ÖVE-EN 6
m	nm ²	1 - 25
N	N/m	max. 2.4
m	nm	0.8 (exept N 0.5 SU)
		As required
	r	mm mm mm mm mm mm ² N/m mm

Design	verification	as	per	IEC/EN	61439
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	10.12 Electromagnetic compatibility			Is the panel builder's responsibility. The specifications for the switchgear must be observed.
	10.13 Mechanical function			

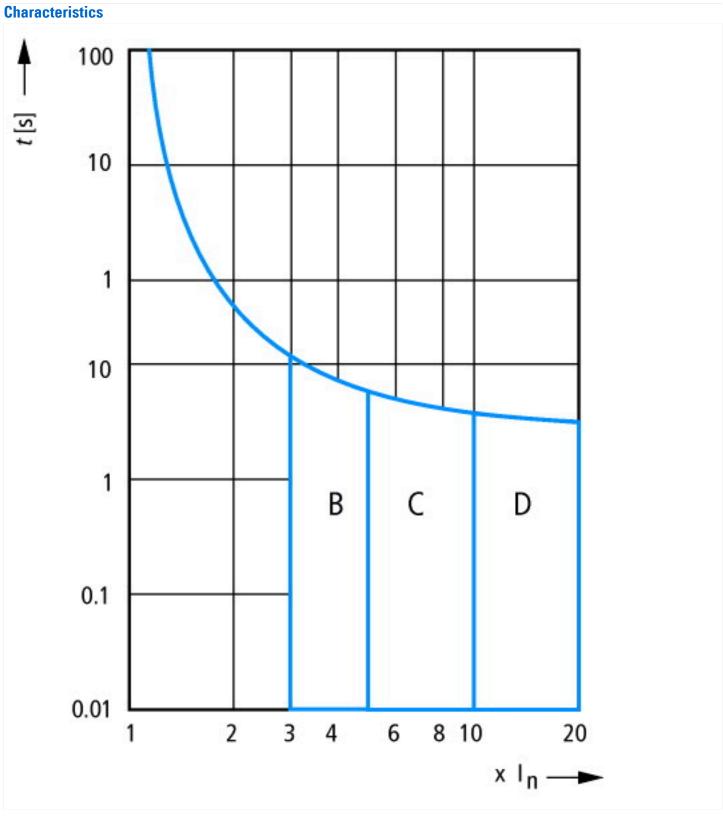
Technical data ETIM 7.0

Circuit breakers and fuses (EG000020) / Miniature circuit breaker (MCB) (EC000042)

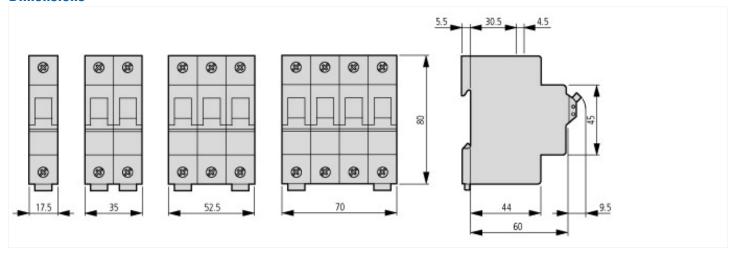
Electric engineering, automation, process control engineering / Electrical installation, device / Miniature circuit breaker system (MCB) / Miniature circuit breaker (MCB)

(ecl@ss10.0.1-27-14-19-01 [AAB905014])				
Release characteristic		С		
Number of poles (total)		2		
Number of protected poles		2		
Rated current	А	16		
Rated voltage	V	230		
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	15		
Rated short-circuit breaking capacity Icn EN 60898 at 400 V	kA	15		
Rated short-circuit breaking capacity Icu IEC 60947-2 at 230 V	kA	25		
Rated short-circuit breaking capacity Icu IEC 60947-2 at 400 V	kA	25		
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		2
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



Dimensions



Additional product information (links)

Temperature dependency, derating

 $https://www.eaton.com/content/dam/eaton/technical documentation/technical-data-tables/Derating\ table\ FAZ_T.pdf$