## **DATASHEET - FAZ-C40/3-NA**



Miniature circuit breaker (MCB), 40 A, 3p, characteristic: C

Powering Business Worldwide\*

Part no. FAZ-C40/3-NA Catalog No. 102256
Alternate Catalog FAZ-C40/3-NA

No.

EL-Nummer (Norway) 0001691621

Similar to illustration

**Delivery program** 

Delivery program			
Basic function			Miniature circuit-breakers
Number of poles			3 pole
Tripping characteristic			C
Application			Switchgear for export to North America (UL-listed)
Rated current	In	Α	40
Rated switching capacity acc. to IEC/EN 60947-2	I <sub>cu</sub>	kA	15
Product range			FAZ-NA

# **Technical data**

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Standards			UL 489, CSA C22.2 No. 5 IEC 60947-2
Rated operational voltage	U <sub>e</sub>	V	
	$U_{e}$	V AC	240
		V DC	60
Rated voltage according to IEC/EN 60947-2	$U_n$	V AC	440
Rated voltage according to UL	$U_n$	V AC	240
Rated switching capacity acc. to IEC/EN 60947-2	I <sub>cu</sub>	kA	15
Breaking capacity according to UL		kA	10 (UL489)
Characteristic			B, C, D
Selectivity Class			3
lifespan			
Lifespan	Operations		> 20000
Direction of incoming supply			as required
Mechanical			
Standard front dimension		mm	45
Enclosure height		mm	105
Mounting width per pole		mm	17.7
Mounting			IEC/EN 60715 top-hat rail
Degree of Protection			IP20, IP40 (when fitted)
Terminals top and bottom			Twin-purpose terminals
Terminal protection			Finger and back-of-hand proof to BGV A2
Tightening torque of fixing screws		N/m	max. 2.4 UL: #18-12 AWG: 2.4 Nm (21 lb-in) #10-8 AWG: 2.8 Nm (25 lb-in) #6 AWG: 4 Nm (36 lb-in)
Mounting position			As required

## Design verification as per IEC/EN 61439

Technical data for design verification			
Rated operational current for specified heat dissipation	In	Α	40
Heat dissipation per pole, current-dependent	$P_{vid}$	W	0
Equipment heat dissipation, current-dependent	$P_{\text{vid}}$	W	12.1
Static heat dissipation, non-current-dependent	$P_{vs}$	W	0

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#### **Technical data ETIM 7.0**

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

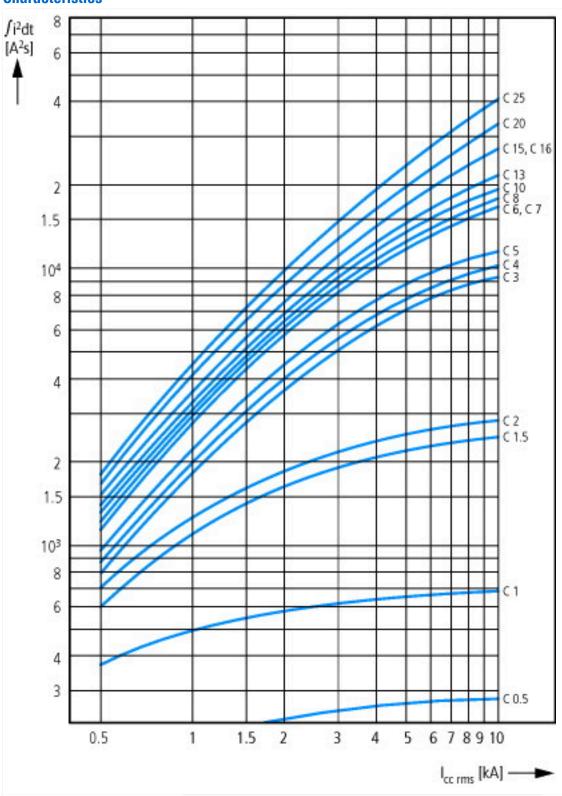
Electric engineering, automation, process control engineering / Electrical installation, device / Miniature circuit breaker system (MCB) / Miniature circuit breaker (MCB) (ecl@ss10.0.1-27-14-19-01 [AAB905014]) С Release characteristic 3 Number of poles (total) Number of protected poles 3 Rated current 40 Rated voltage 415 Rated insulation voltage Ui 440 Rated impulse withstand voltage Uimp kV 4 kA 0 Rated short-circuit breaking capacity Icn EN 60898 at 230  $\rm V$ Rated short-circuit breaking capacity Icn EN 60898 at 400  $\rm V$ kA 0 Rated short-circuit breaking capacity Icu IEC 60947-2 at 230  $\rm V$ kΑ 15 Rated short-circuit breaking capacity Icu IEC 60947-2 at 400  $\rm V$ kΑ 15 Voltage type AC Frequency Hz 50 - 60 **Current limiting class** 3 Suitable for flush-mounted installation No No Concurrently switching N-neutral Over voltage category 3 Pollution degree 2 Additional equipment possible Yes Width in number of modular spacings 3

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

# Approvals

Product Standards       IEC/EN 60947-2; EN 45545-2; IEC 61373; UL 489; CSA-C22.2 N         UL File No.       E235139         UL Category Control No.       DIVQ         CSA File No.       204453         CSA Class No.       1432-01	No. 5.00: CE marking
UL Category Control No.       DIVQ         CSA File No.       204453         CSA Class No.       1432-01	No. 5-05, GE marking
CSA File No. 204453 CSA Class No. 1432-01	
CSA Class No. 1432-01	
N / A / A / A / A / A / A / A / A / A /	
North America Certification UL listed, CSA certified	
Specially designed for North America  Yes, suitable as BCPD	
Suitable for Feeder circuits, branch circuits	
Current Limiting Circuit-Breaker Yes	
Max. Voltage Rating > 32 A	
Degree of Protection IEC: IP20, UL/CSA Type: -	

## **Characteristics**



Let-through energy I<sup>2</sup>t Characteristic C (0.5 - 20 A), 277 V

