

Over current switch, 13A, 3Np, D-Char, AC

Part no. FAZ-D13/3N Article no. 278996 Catalog No. FAZ-D13/3N



Similar to illustration

	•
Delivery program	

Basic function			Miniature circuit breakers
Number of poles			3 pole+N
Tripping characteristic			D
Application			Switchgear for industrial and advanced commercial applications
Rated current	In	Α	13
Rated switching capacity acc. to IEC/EN 60947-2		kA	15
Product range			FAZ

## **Technical data**

#### **Electrical**

Standards  Rated operational voltage  Ue  Ue  Rated switching capacity acc. to IEC/EN 60947-2  Operational switching capacity  Characteristic  Max. back-up fuse  Selectivity Class  Lifespan  Open	V V k	V V AC V DC	IEC/EN 60947-2 IEC/EN 60898 230/400 48 (per pole)
Rated switching capacity acc. to IEC/EN 60947-2 Departional switching capacity Characteristic Max. back-up fuse Selectivity Class	V V k	V AC	·
Rated switching capacity acc. to IEC/EN 60947-2  Department of the switching capacity  Characteristic  Max. back-up fuse  Selectivity Class	V k	V DC	·
Operational switching capacity Characteristic Max. back-up fuse Selectivity Class	k		49 (nor nolo)
Operational switching capacity Characteristic Max. back-up fuse Selectivity Class			40 (per pore)
Characteristic  Max. back-up fuse  Selectivity Class	k.	κA	15
Max. back-up fuse Selectivity Class	K	κA	7.5
Selectivity Class			B, C, D
· ·	А	A gL/gG	125
Oper			3
	erations		> 10000
Direction of incoming supply			as required
<b>Nechanical</b>			
Standard front dimension	m	mm	45
Enclosure height	m	mm	80
Ferminal protection			Finger and back-of-hand proof to BGV A2
Mounting width per pole	m	mm	17.5
Mounting			IEC/EN 60715 top-hat rail
Degree of Protection			IP20, IP40 (when fitted)
Ferminals top and bottom			Twin-purpose terminals
Ferminal capacities	m	mm <sup>2</sup>	
	m	mm <sup>2</sup>	1 x 25
	п	mm <sup>2</sup>	2 x 10
Thickness of busbar material	m	mm	0.8 2
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	13
Heat dissipation per pole, current-dependent	$P_{\text{vid}}$	W	0
Equipment heat dissipation, current-dependent	$P_{\text{vid}}$	W	6.1
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

Meets the product standard's requirements.
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Does not apply, since the entire switchgear needs to be evaluated.
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Is the panel builder's responsibility.
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The panel builder is responsible for the temperature rise calculation. Eaton wi provide heat dissipation data for the devices.
Is the panel builder's responsibility. The specifications for the switchgear mus observed.
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The device meets the requirements, provided the information in the instruction

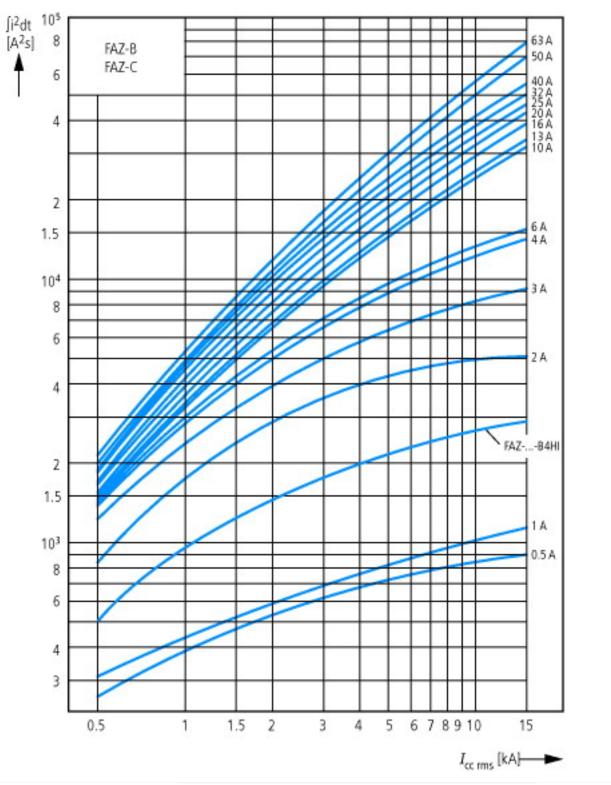
### **Technical data ETIM 6.0**

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

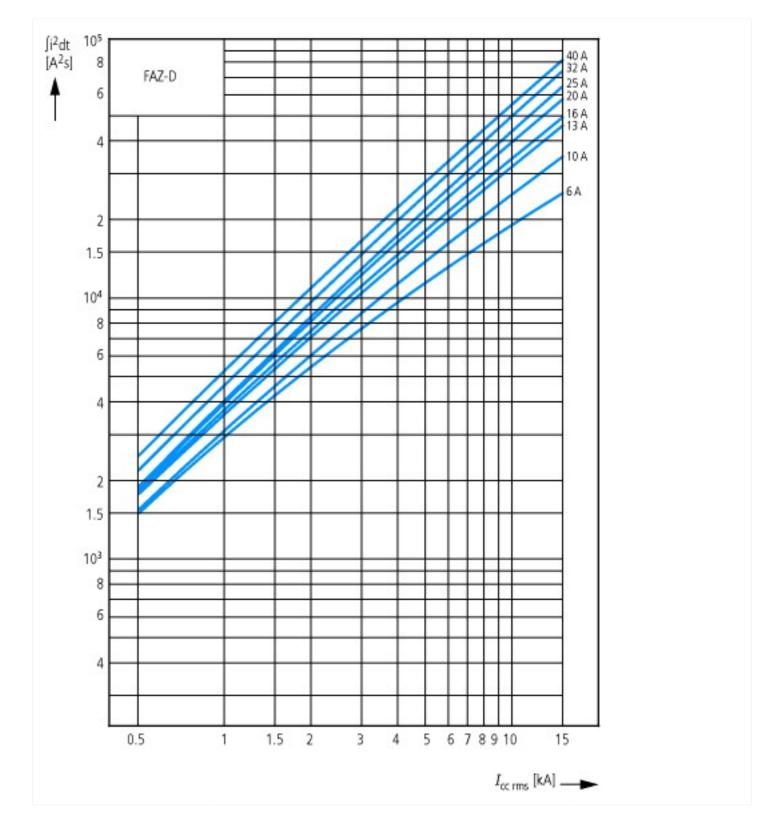
Electric engineering, automation, process control engineering / Electrical installation, device / Miniature circuit breaker system (MCB) / Miniature circuit breaker (MCB) (ecl@ss8.1-27-14-19-01 [AAB905011])

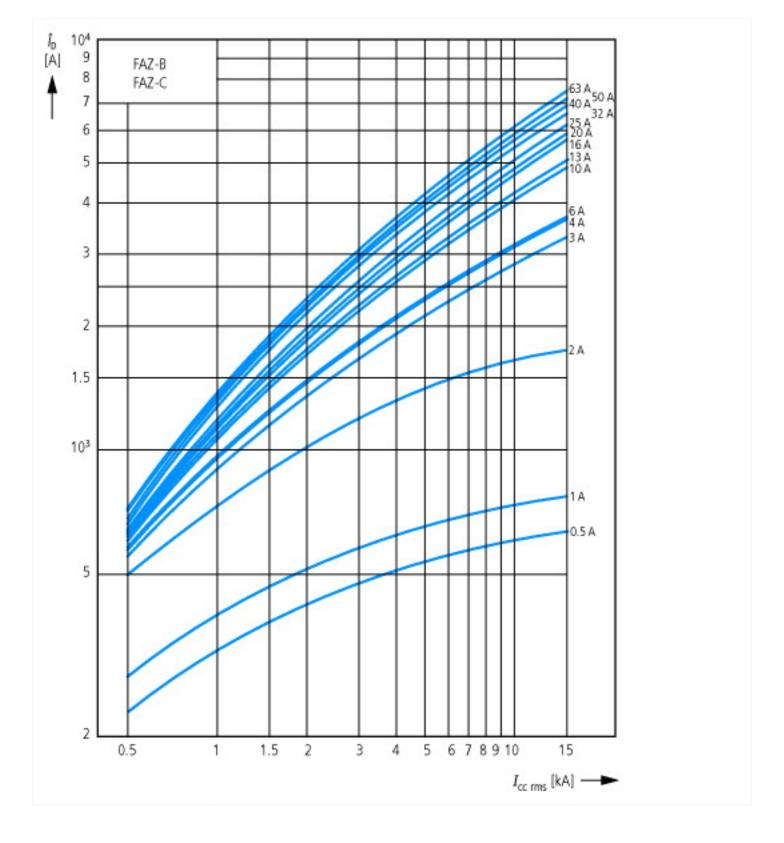
[AAD303011]/		
Release characteristic		D
Number of poles (total)		4
Number of protected poles		4
Nominal rated current	Α	13
Nominal rated voltage	V	400
Rated short-circuit breaking capacity Icn EN 60898 at 230 V	kA	10
Rated short-circuit breaking capacity Icn EN 60898 at 400 V	kA	10
Rated short-circuit 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
Current limiting class		3
Frequency	Hz	50 - 60
Concurrently switching N-neutral		Yes
Suitable for flush-mounted installation		No
Over voltage category		3
Pollution degree		2
Width in number of modular spacings		4
Built-in depth	mm	70.5
Additional equipment possible		Yes
Degree of protection (IP)		IP20

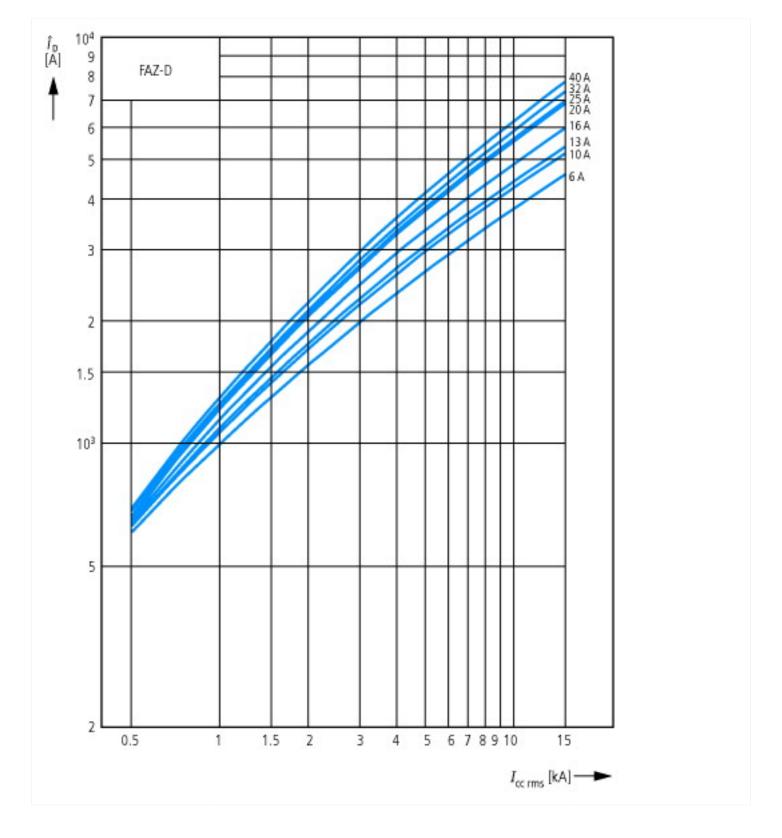
## **Characteristics**

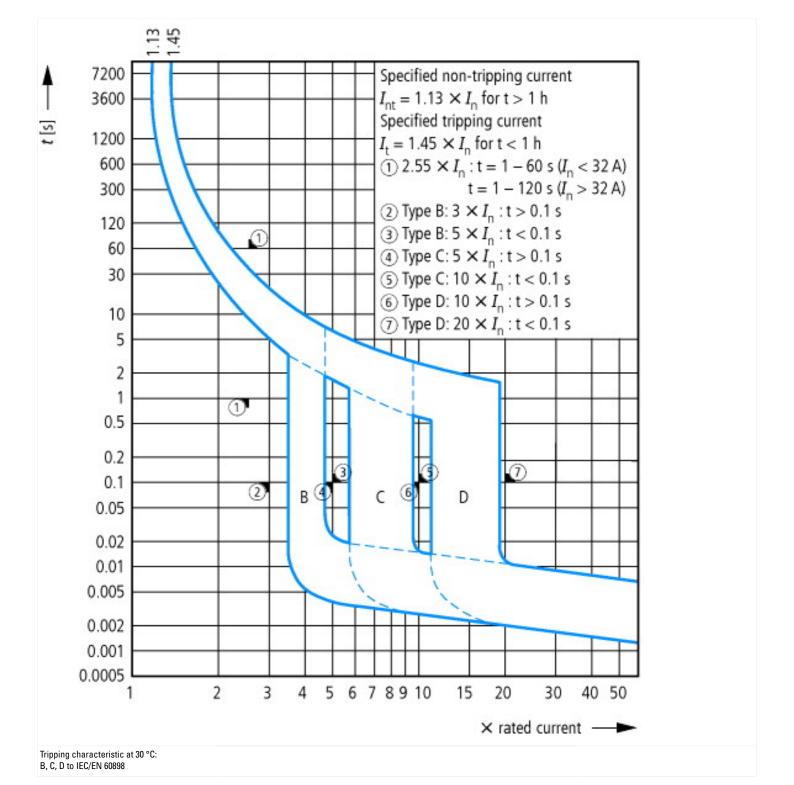


Let-through energy I<sup>2</sup>t According to IEC/EN 60898

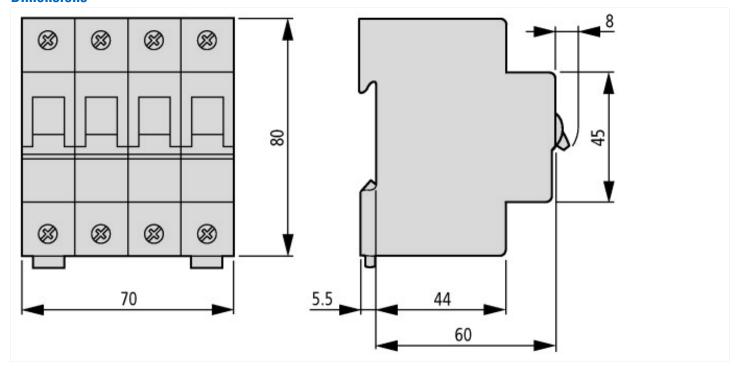








## **Dimensions**



# **Additional product information (links)**

AWA1220-1755 Circiut-breaker

AWA1220-1755 Circiut-breaker ftp://ftp.moeller.net/DOCUMENTATION/AWA\_INSTRUCTIONS/17550701.pdf