

## Over current switch, 10A, 1p, C-Char, DC current



**Part no.** FAZ-C10/1-DC  
**Article no.** 279126  
**Catalog No.** FAZ-C10/1-DC

Similar to illustration

## Delivery programme

Basic function		Miniature circuit breakers
Pole		1 pole
Tripping characteristic		C
Application		Switchgear for DC applications
Rated current	$I_n$	A 10
Rated switching capacity acc. to IEC/EN 60947-2		kA 10
Product range		FAZ-DC

## Technical data

### Electrical

Standards		IEC/EN 61131-2
Rated operational voltage	$U_e$	V 250 (per pole) V DC
Rated switching capacity acc. to IEC/EN 60947-2		kA 10
Characteristic		C
Max. back-up fuse		A gL/gG 100
Selectivity Class		3
Lifespan	Operations	> 10000
Direction of incoming supply		Polarity dependent

### Mechanical

Standard front dimension		mm 45
Enclosure height		mm 80
Terminal protection		Finger and back-of-hand proof to BGV A2
Mounting width per pole		mm 17.5
Mounting		IEC/EN 60715 top-hat rail
Degree of Protection		IP20, IP40 (when fitted)
Terminals top and bottom		Twin-purpose terminals
Terminal capacities		mm <sup>2</sup> 1 x 25 mm <sup>2</sup> 2 x 10
Thickness of busbar material		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	$I_n$	A	10
Heat dissipation per pole, current-dependent	$P_{vid}$	W	0
Equipment heat dissipation, current-dependent	$P_{vid}$	W	1.5
Static heat dissipation, non-current-dependent	$P_{vs}$	W	0
Heat dissipation capacity	$P_{diss}$	W	0
Operating ambient temperature min.		°C	-25
Operating ambient temperature max.		°C	75

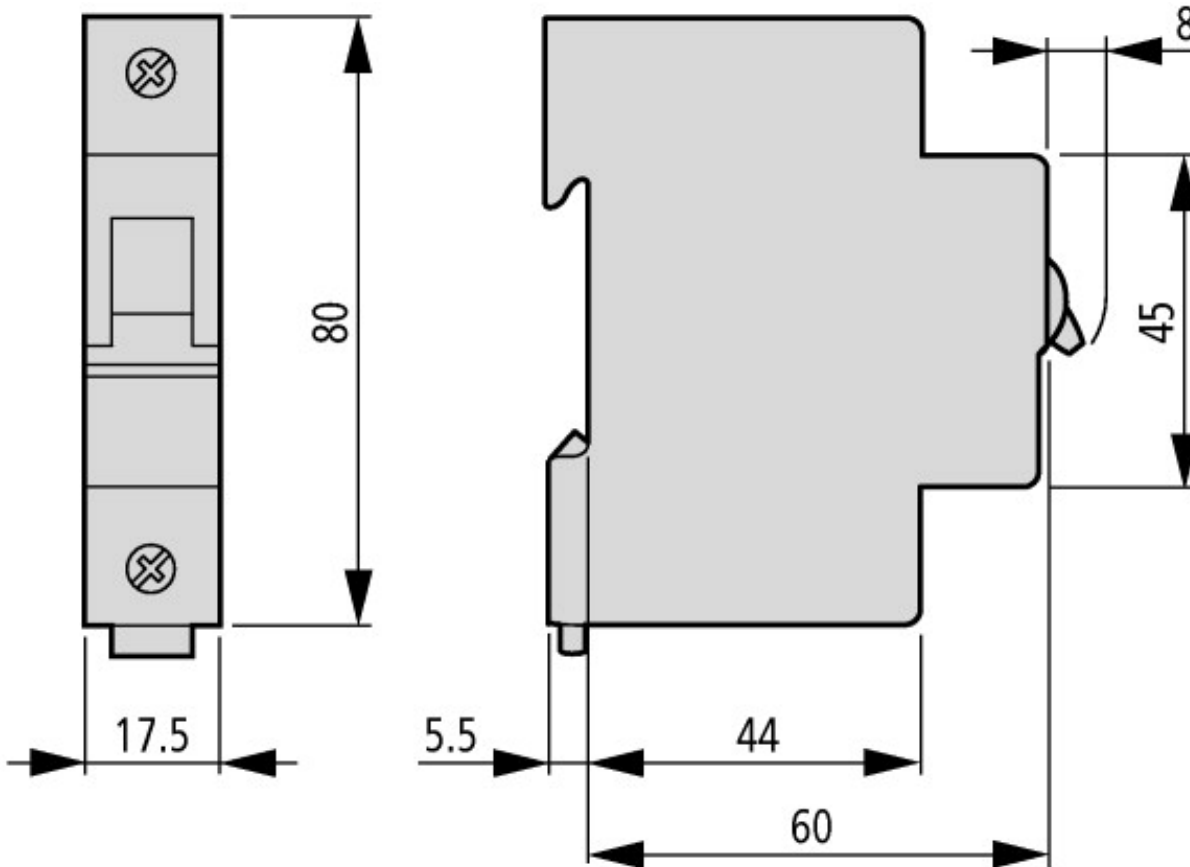
## Technical data ETIM 5.0

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) (ec@ss8-27-14-19-01 [AAB905010])

Release characteristic		C
Number of poles (total)		1
Rated current	A	10
Rated voltage	V	250
Rated short-circuit breaking capacity EN 60898	kA	0
Rated short-circuit breaking capacity IEC 60947-2	kA	10
Voltage type		DC
Current limiting class		3
Frequency	Hz	0
Concurrently switching N-neutral		No
Over voltage category		3
Pollution degree		2
Width in number of modular spacings		1
Built-in depth	mm	70.5
Additional equipment possible		Yes
Degree of protection (IP)		IP20

## Dimensions



## Additional product information (links)

**AWA1220-1755** Circuit-breaker

AWA1220-1755 Circuit-breaker

[ftp://ftp.moeller.net/DOCUMENTATION/AWA\\_INSTRUCTIONS/17550701.pdf](ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/17550701.pdf)

