



## Miniature circuit breaker (MCB), 6A, 1Np, B-Char, AC

Part no. **FAZ-PN-B6/1N**  
 Catalog No. **279146**  
 Eaton Catalog No. **FAZ-PN-B6/1N**

Similar to illustration

## Delivery program

Basic function			Miniature circuit-breakers
Number of poles			1 pole+N
Tripping characteristic			B
Application			Switchgear for industrial and advanced commercial applications
Rated current	$I_n$	A	6
Rated switching capacity acc. to IEC/EN 60947-2		kA	10
Product range			FAZ-PN

## Technical data

### Electrical

Standards			IEC/EN 60898
Rated operational voltage	$U_e$	V	
	$U_e$	V AC	240/415
		V DC	60 (per pole)
Rated switching capacity acc. to IEC/EN 60947-2		kA	10
Characteristic			B, C
Max. back-up fuse		A gL/gG	100
Selectivity Class			3
Lifespan	Operations		> 4000
Direction of incoming supply			as required

### 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>	
		mm <sup>2</sup>	1 x 16

## Design verification as per IEC/EN 61439

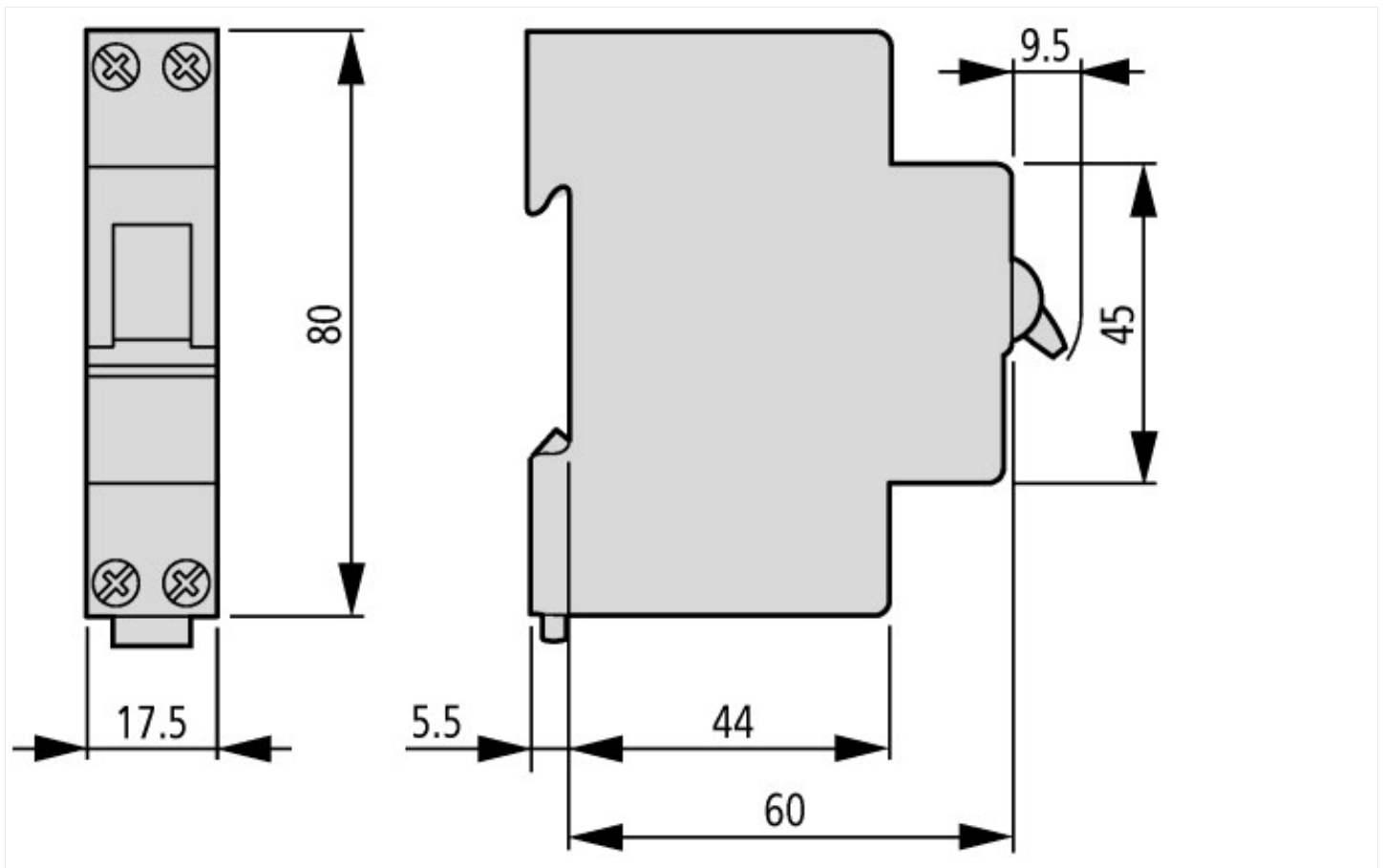
Technical data for design verification			
Operating ambient temperature max.		°C	-40
Operating ambient temperature max.		°C	75

## 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])			
Release characteristic			B
Number of poles (total)			2
Number of protected poles			2
Nominal rated current		A	6

Nominal rated voltage	V	230
Rated short-circuit breaking capacity Icn EN 60898 at 230 V	kA	6
Rated short-circuit breaking capacity Icn EN 60898 at 400 V	kA	6
Rated short-circuit breaking capacity Icu IEC 60947-2 at 230 V	kA	10
Rated short-circuit breaking capacity Icu IEC 60947-2 at 400 V	kA	10
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		2
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)