DATASHEET - FAZ-PN-B6/1N



Similar to illustration

Miniature circuit breaker (MCB), 6 A, 1p+N, characteristic: B

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

Powering Business Worldwide™

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	I_{cu}	kA	10
Product range			FAZ-PN

Technical data

Electrical

Standards			EN 45545-2; IEC 61373
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	I_{cu}	kA	10
Characteristic			B, C
Max. back-up fuse		A gL/gG	100
Selectivity Class			3
lifespan			
Lifespan	Operations		> 4000
Direction of incoming supply			as required

Mechanical

Standard front dimension		mm	45
Enclosure height		mm	80
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 protection			Finger and back-of-hand proof to BGV A2
Terminal capacities		mm^2	
		mm^2	1 x 16

Design verification as per IEC/EN 61439

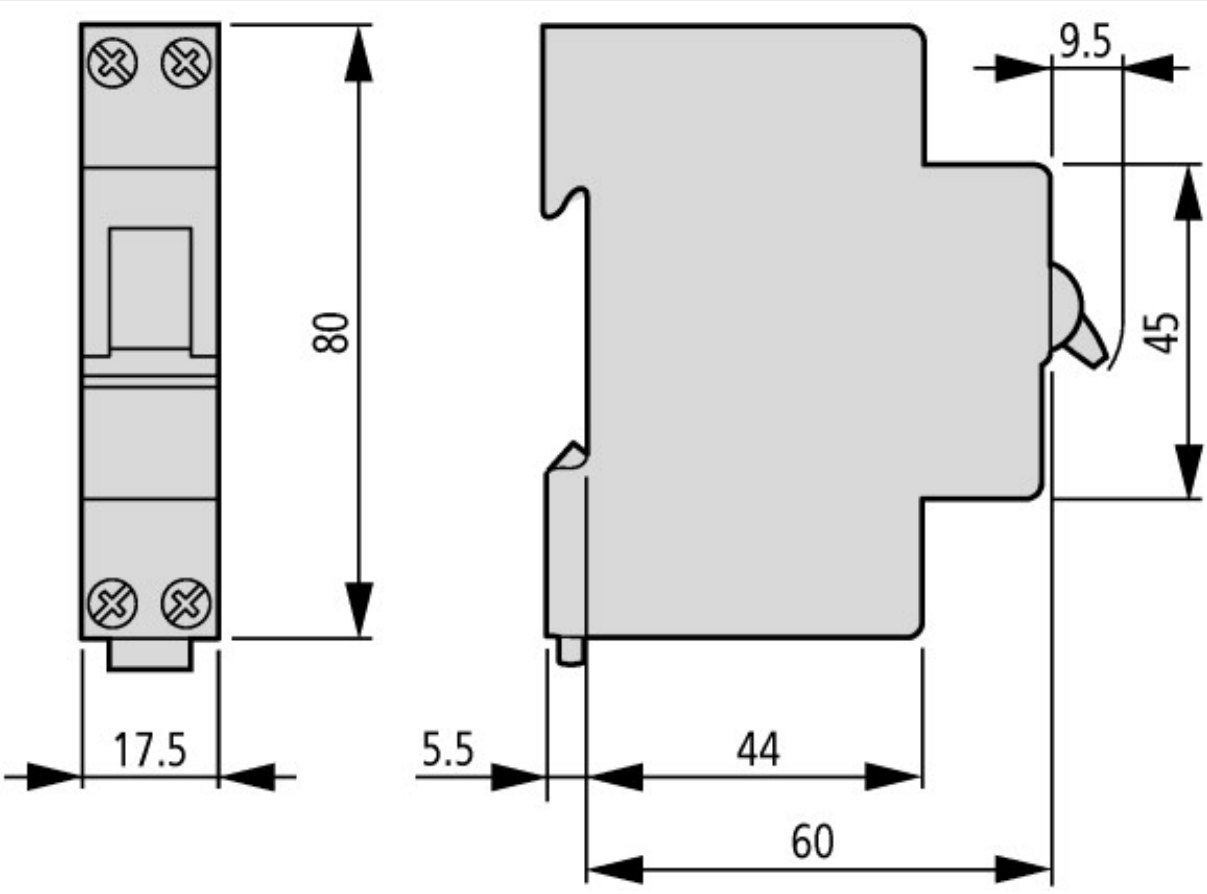
Technical data for design verification			
Operating ambient temperature min.		°C	-40
Operating ambient temperature max.		°C	75

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			B
Number of poles (total)			2

Number of protected poles		1
Rated current	A	6
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	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
Frequency	Hz	50 - 60
Current limiting class		3
Suitable for flush-mounted installation		No
Concurrently switching N-neutral		Yes
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	mm^2	1 - 25
Connectable conductor cross section solid-core	mm^2	1 - 25

Dimensions



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