

Miniature circuit-breaker

Part no. FAZ-C50/1

Article no. 278566



Delivery programme

Range			FAZ miniature circuit-breakers
Basic function			Miniature circuit-breakers
Tripping characteristic			C
Application			Instantaneous release response current 5 - 10 x I _n
Switching capacity			Switching capacity 15 kA (IEC/EN 60947-2)
Rated current	I _n	A	50
Pole			1 pole
Notes			-
Contact sequence			

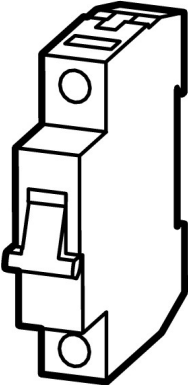
Notes

Switching capacity	10 kA
(IEC/EN 60898)	
Switching capacity	15 kA
(IEC/EN 60947-2)	

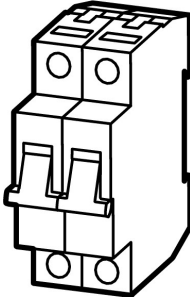
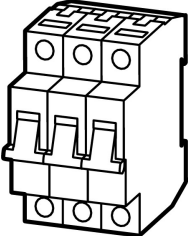
Accessories

Auxiliary contacts	→ 286054
Voltage releases	→ 291464
Mounting accessories	2-pole; 1N-pole
1 pole	

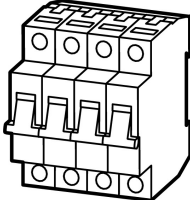
Depth 71 mm	Depth 71 mm
Width 17.5 mm	Width 35 mm



3 pole
Depth 71 mm
Width 52.5 mm



4-pole; 3N-pole
Depth 71 mm
Width 70 mm



Approbationen

Product Standards	IEC/EN 60947-2; IEC/EN 60898; UL 1077; CSA-C22.2 No. 235; CE marking		
UL File No.	E177451		
UL CCN	QVNU2, QVNU8		
CSA File No.	204453		
CSA Class No.	3215-30		
NA Certification	UL Recognized, CSA certified		
Conditions of Acceptability	Supplementary Protector only		
Suitable for	Branch Circuits; not as BCPD		
Current Limiting CB	No		
Max. Voltage Rating	277 VAC; 48 VDC		
Degree of Protection	IEC: IP20; UL/CSA Type: -		

Electrical

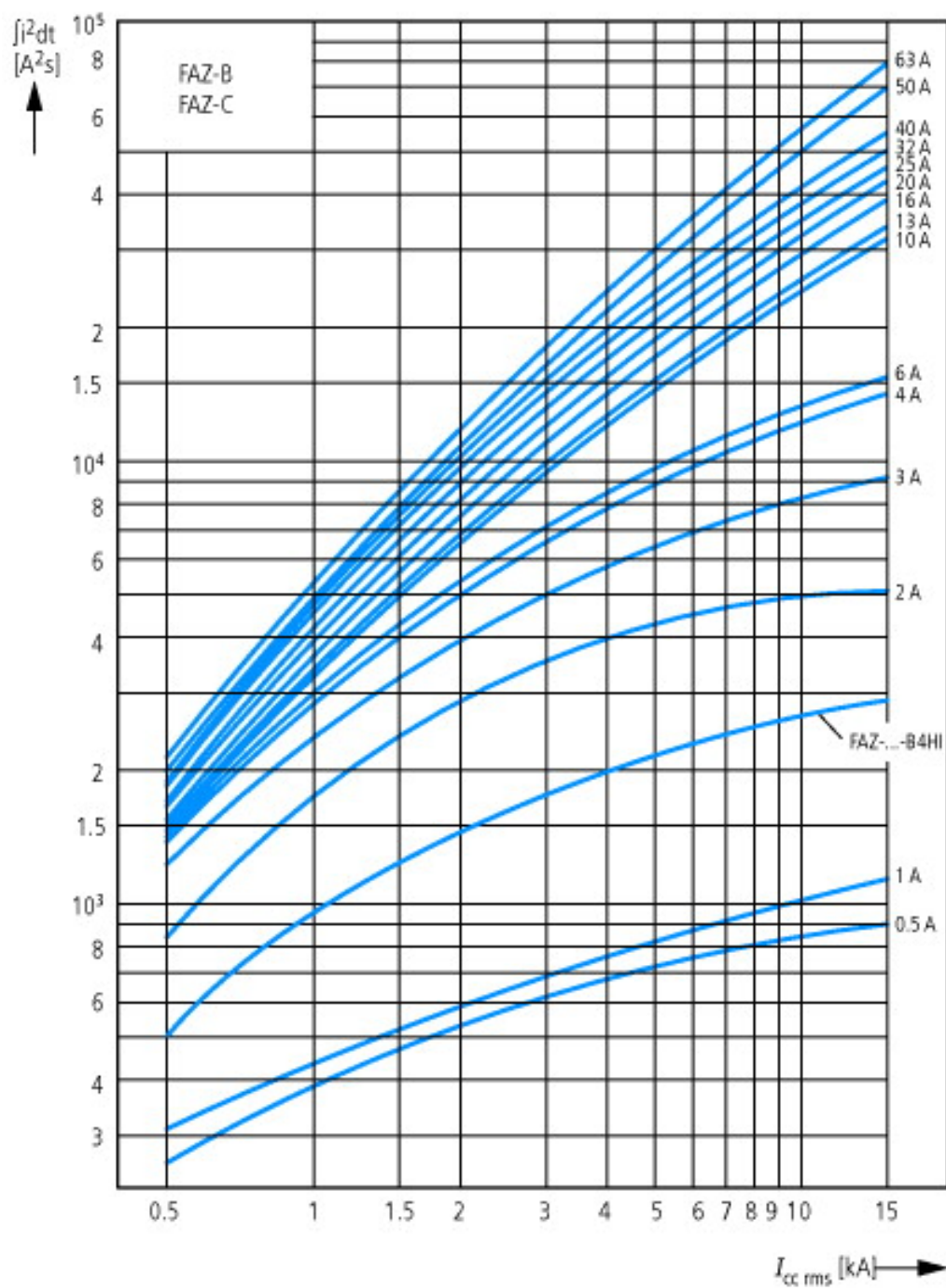
Standards			IEC/EN 60947-2 IEC/EN 60898
Rated operational voltage	U _e	V	
	U _e	V AC	230/400
		V DC	48 (per pole)
Rated switching capacity		kA	15
Operational switching capacity		kA	7.5
Characteristic			B, C, D
Max. back-up fuse		A gL/gG	125
Selectivity Class			3
Lifespan	Operations		> 10000
Direction of incoming supply			As required

Mechanical

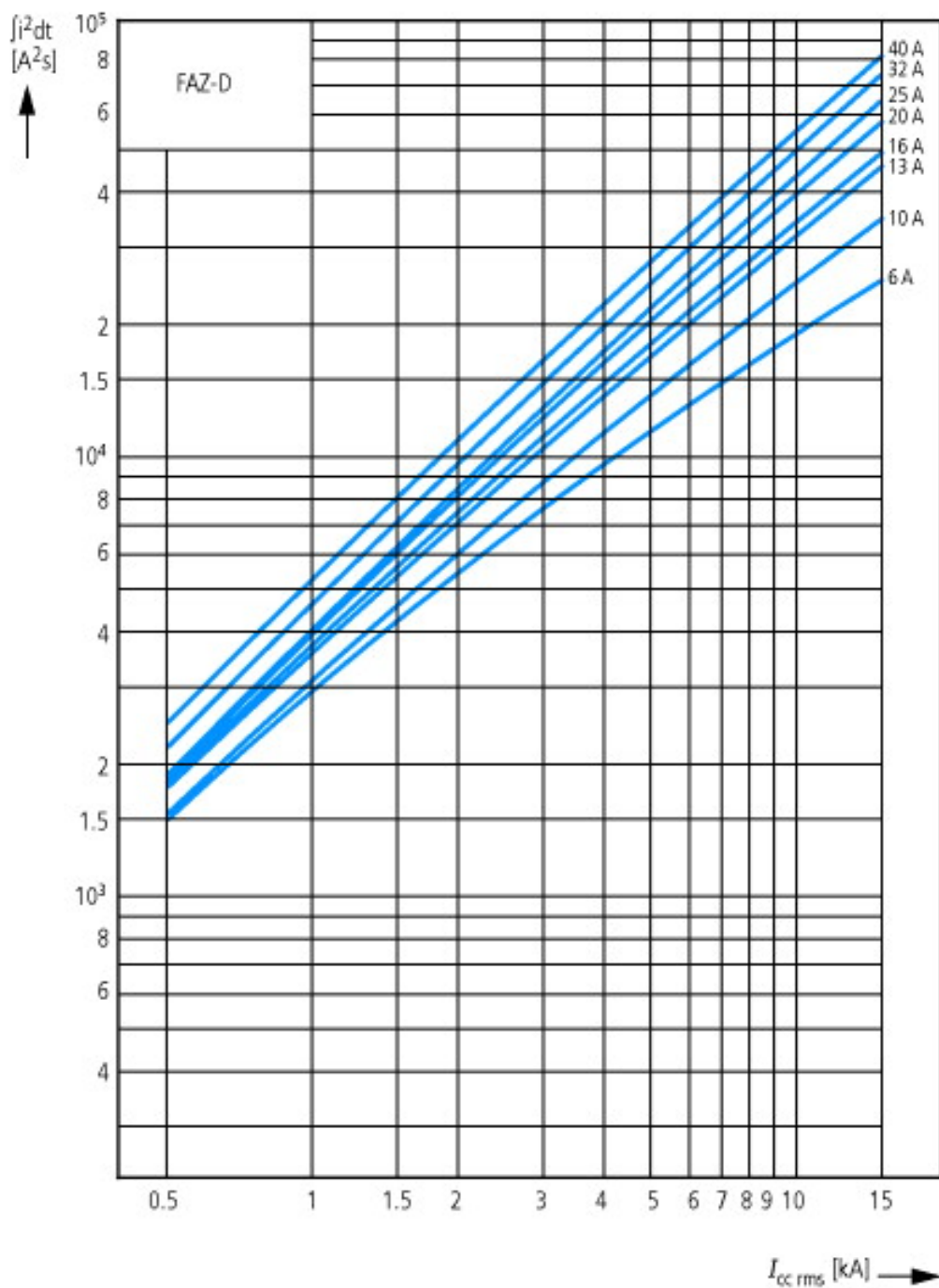
Standard front dimension		mm	45
Enclosure height		mm	80
Terminal protection			Finger and back-of-hand proof to BGV A2
Mounting width per pole		mm	17.5
Mounting			IEC/EN 60715 top-hat rail
Protection type			IP20, IP40 (when fitted)
Terminals top and bottom			Twin-purpose terminals
Terminal capacities		mm ²	
		mm ²	1 x 25
		mm ²	2 x 10
Thickness of busbar material		mm	0.8 ... 2
Mounting position			As required

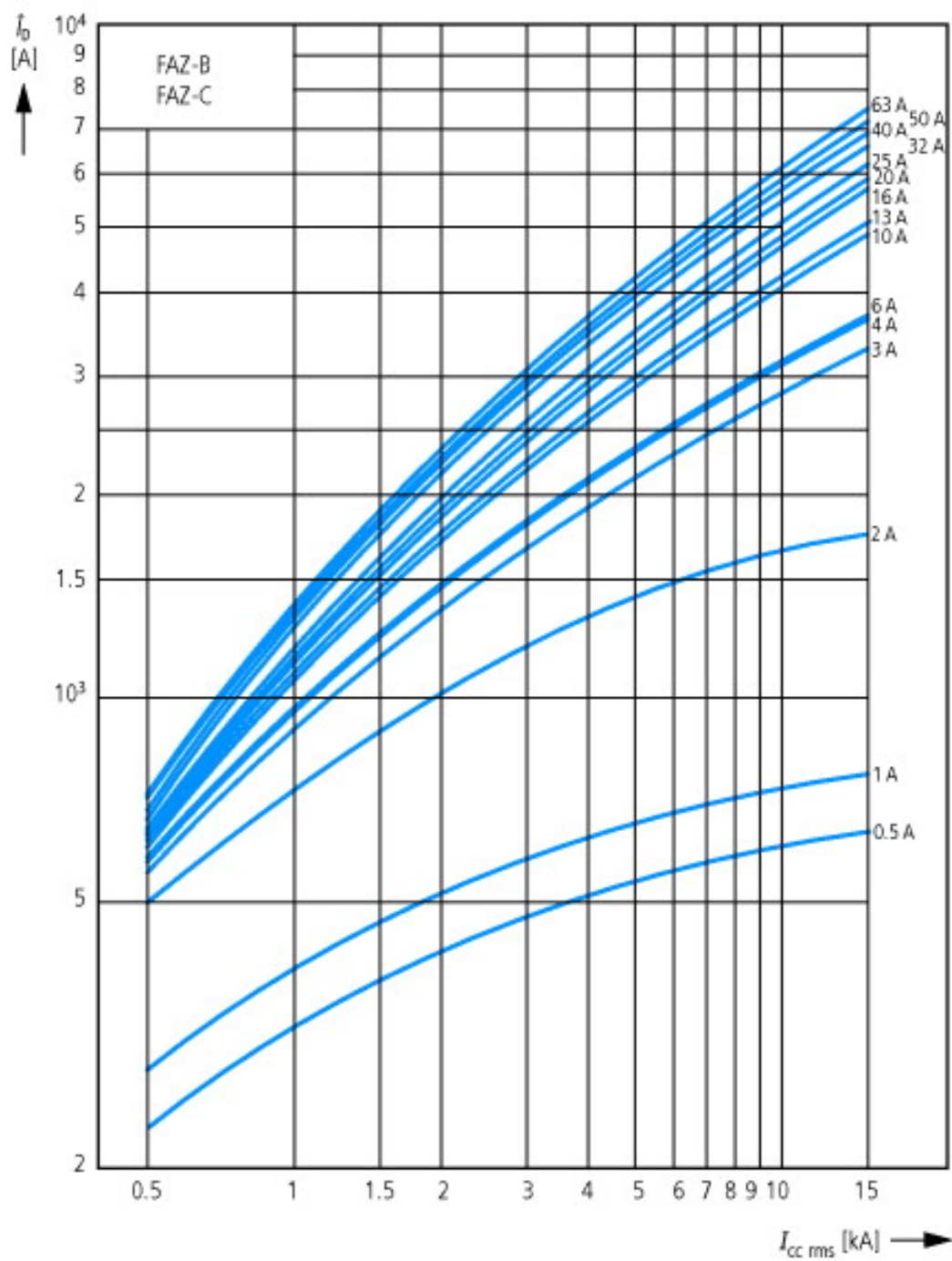
Technische Daten nach ETIM 4.0

Frequency		Hz	50 Hz
Voltage type			AC
Mounting depth		mm	71 mm
Rated current		A	50 A
Rated voltage		V	230 V
Trip type			C
Number of poles			1
Current-limiting class			3
Overvoltage category			3
Pollution degree			2
Width in space units			1
Protection type (IP)			IP20
Neutral conductor switching with pole			false
Rated switching capacity according to EN 60898		kA	10 kA
Rated switching capacity according to IEC 60947-2		kA	0 kA
Additional equipment possible			true

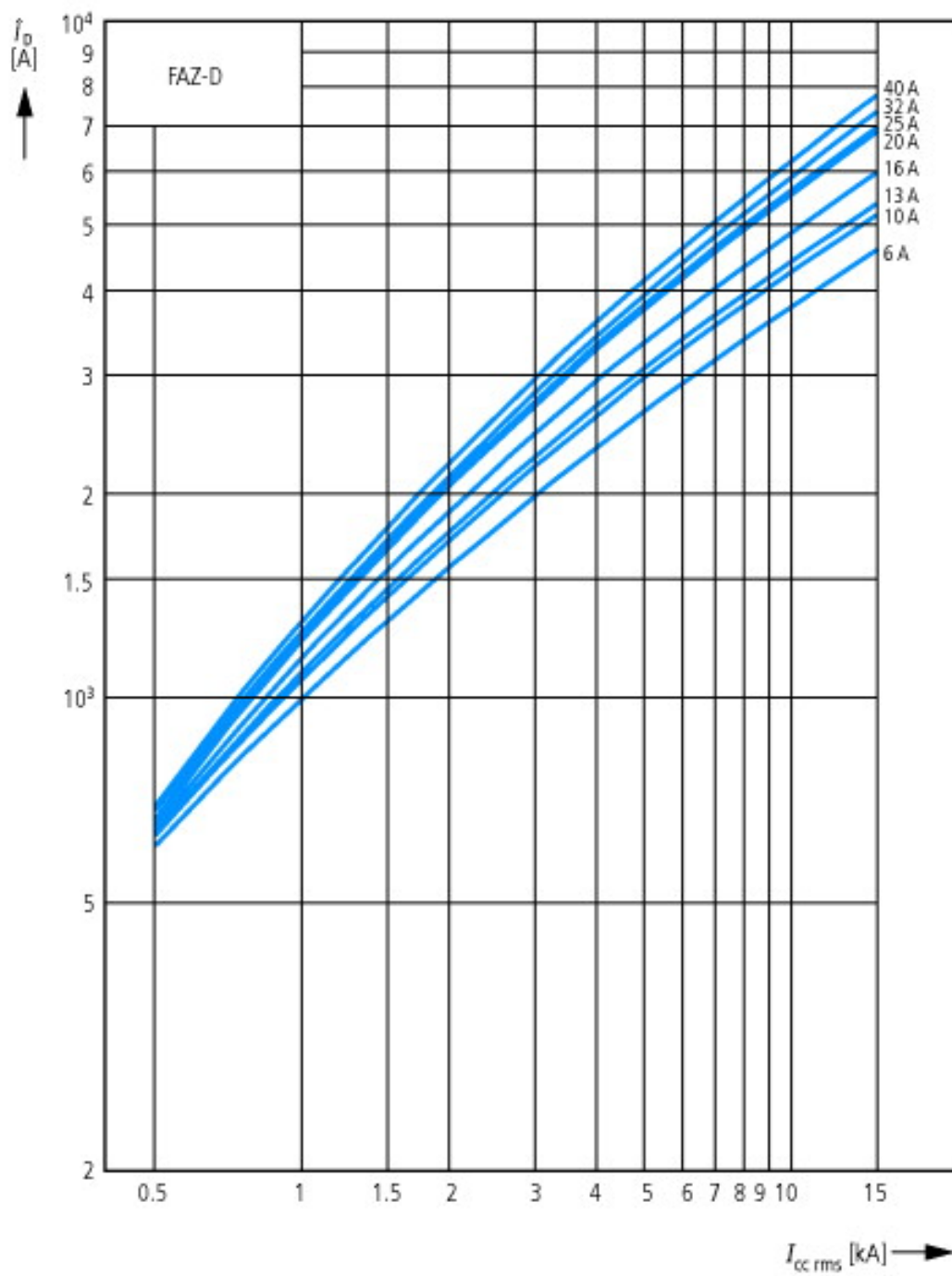


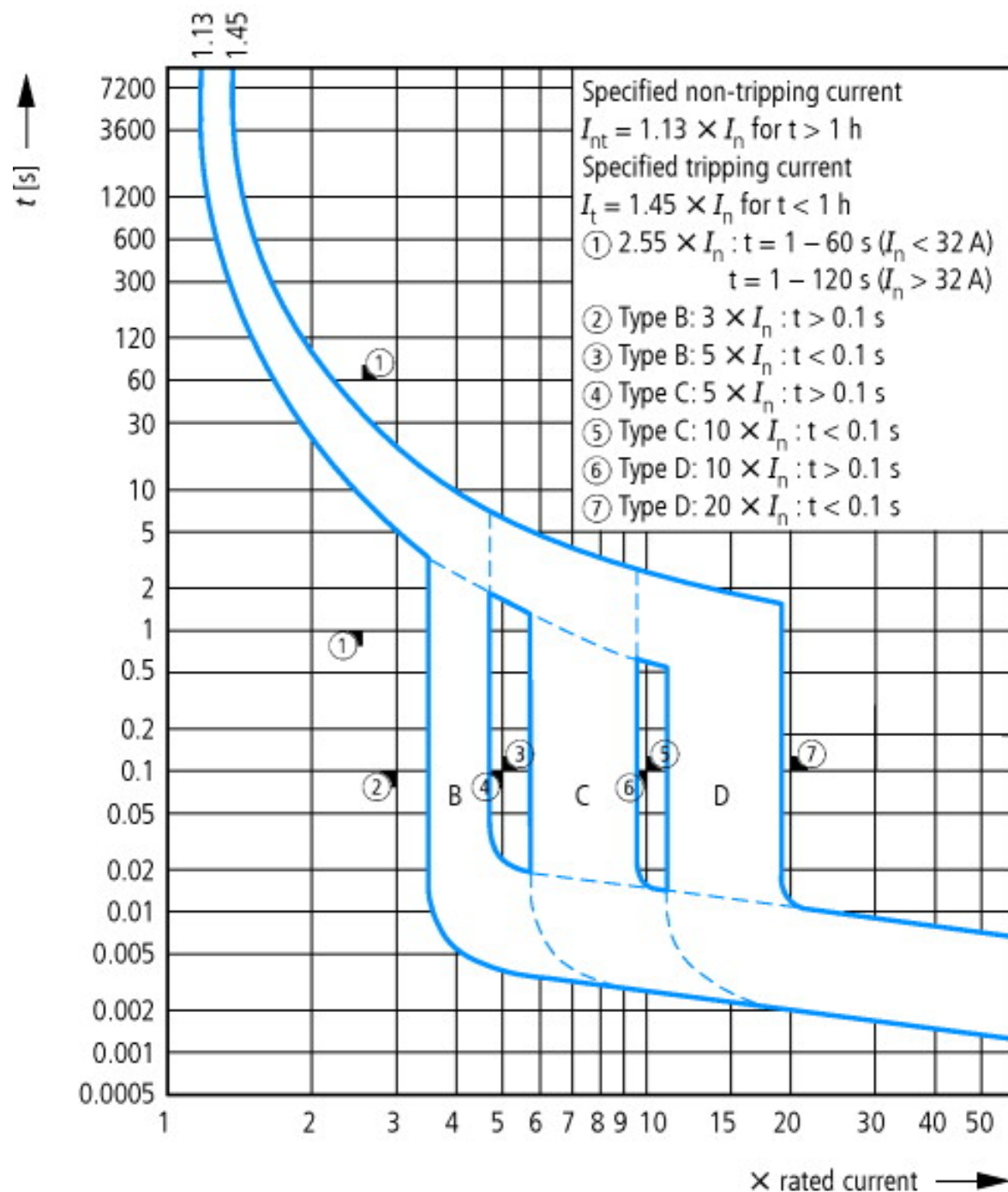
Let-through energy I^2t
According to IEC/EN 60898





Let-through current i_p
According to IEC/EN 60898





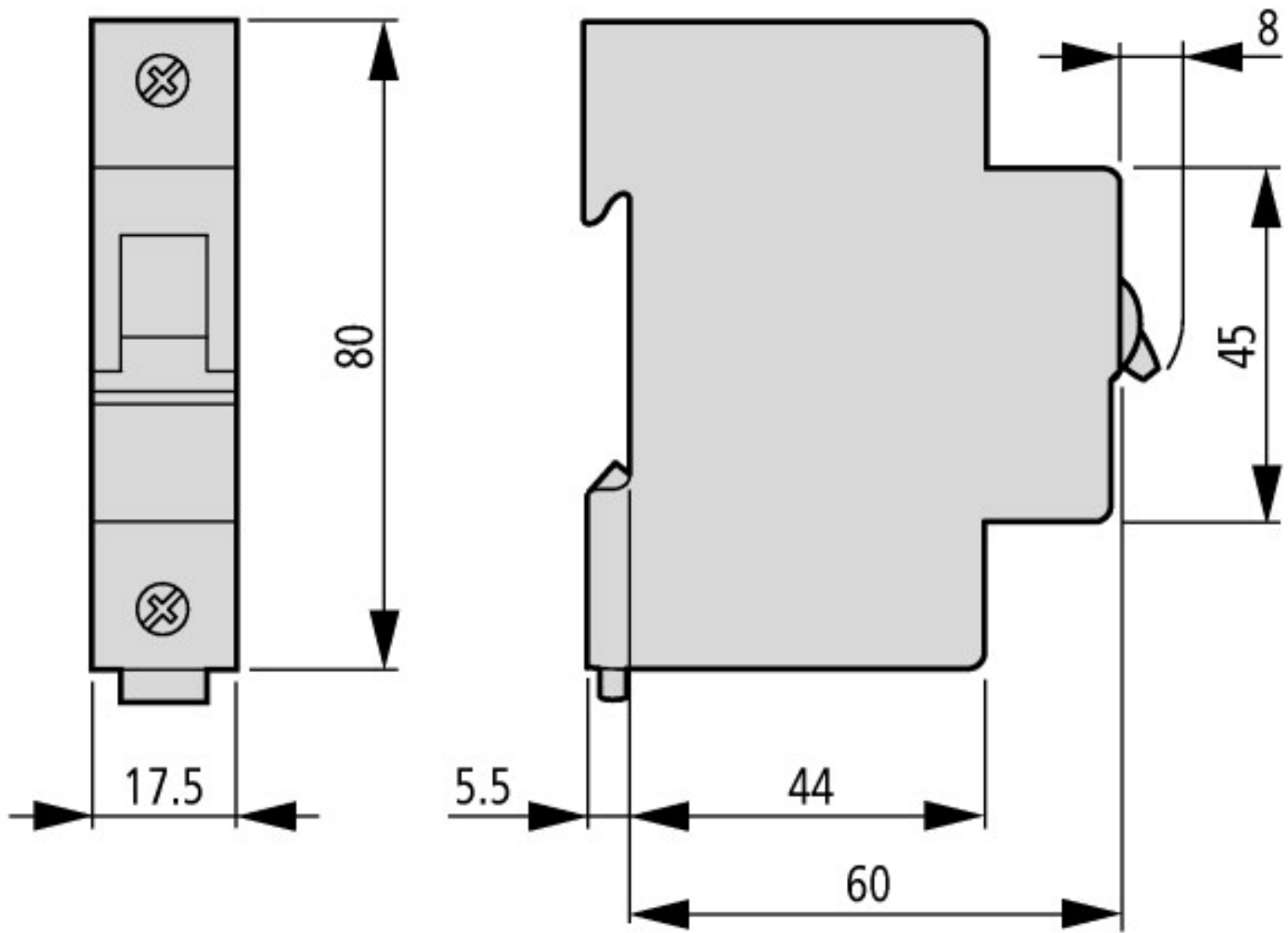
Tripping characteristic at 30 °C:
 B, C, D to IEC/EN 60898

CAD-Daten

Product standards CAD data:

<http://eaton-moeller.partcommunity.com>

Dimensions



Additional product information (links)

AWA1220-1755 Miniature circuit-breakers

ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/17550701.pdf