

Miniature circuit-breaker

Part no. FAZ-B6/1

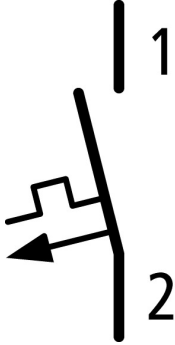
Article no. 278529



Instantaneous release response current $3 \dots 5 \times I_n$

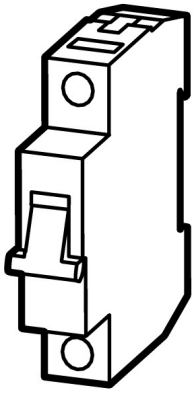
Switching capacity 15 kA (IEC/EN 60947-2)

Delivery programme

Tripping characteristic			B
			Instantaneous release response current $3 \dots 5 \times I_n$
Switching capacity			Switching capacity 15 kA (IEC/EN 60947-2)
Pole			1 pole
Rated current	I_n	A	6
Contact sequence			
Frequency		Hz	50 Hz
Voltage type			AC
Mounting depth		mm	71 mm
Rated current		A	6 A
Rated voltage		V	230 V
Trip type			B
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

Notes

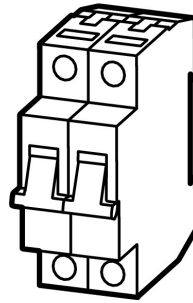
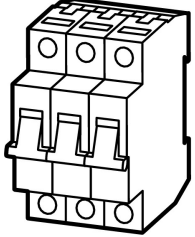
Switching capacity	10 kA
(IEC/EN 60898)	
Switching capacity	15 kA
(IEC/EN 60947#2)	
Accessories	
Auxiliary contacts	# 286054
Voltage releases	
Mounting accessories	# 291464
FAZ#B4/1#HS, FAZ#B4/2#HS special miniature circuit-breakers with much reduced let-through energy to prevent contact welding of auxiliary contacts	
1 pole	2-pole; 1N-pole
Depth 71 mm	Depth 71 mm
Width 17.5 mm	Width 35 mm



3 pole

Depth 71 mm

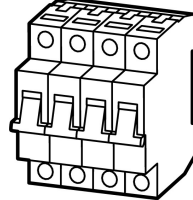
Width 52.5 mm



4-pole; 3-pole + N

Depth 71 mm

Width 70 mm

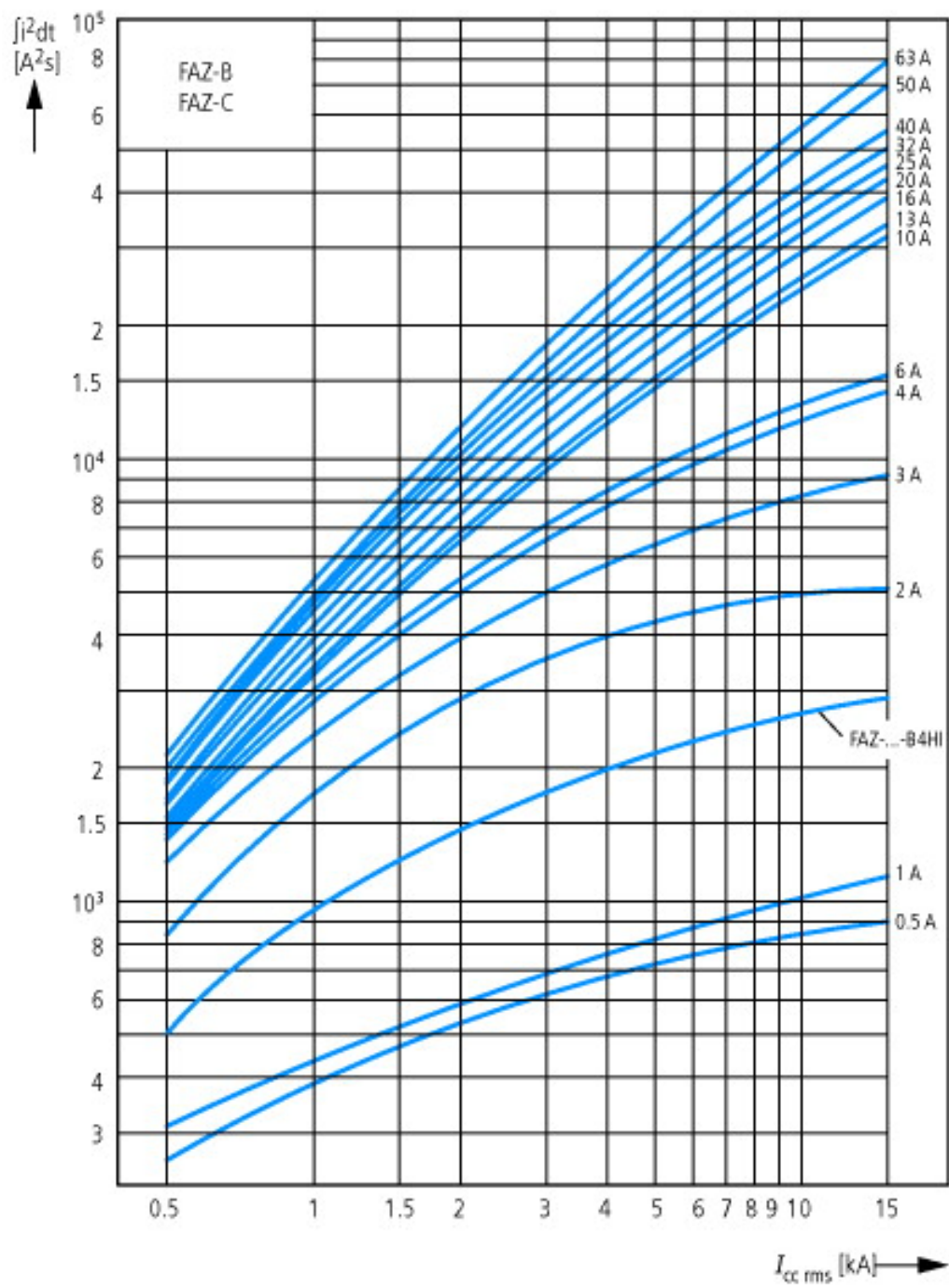


Electrical

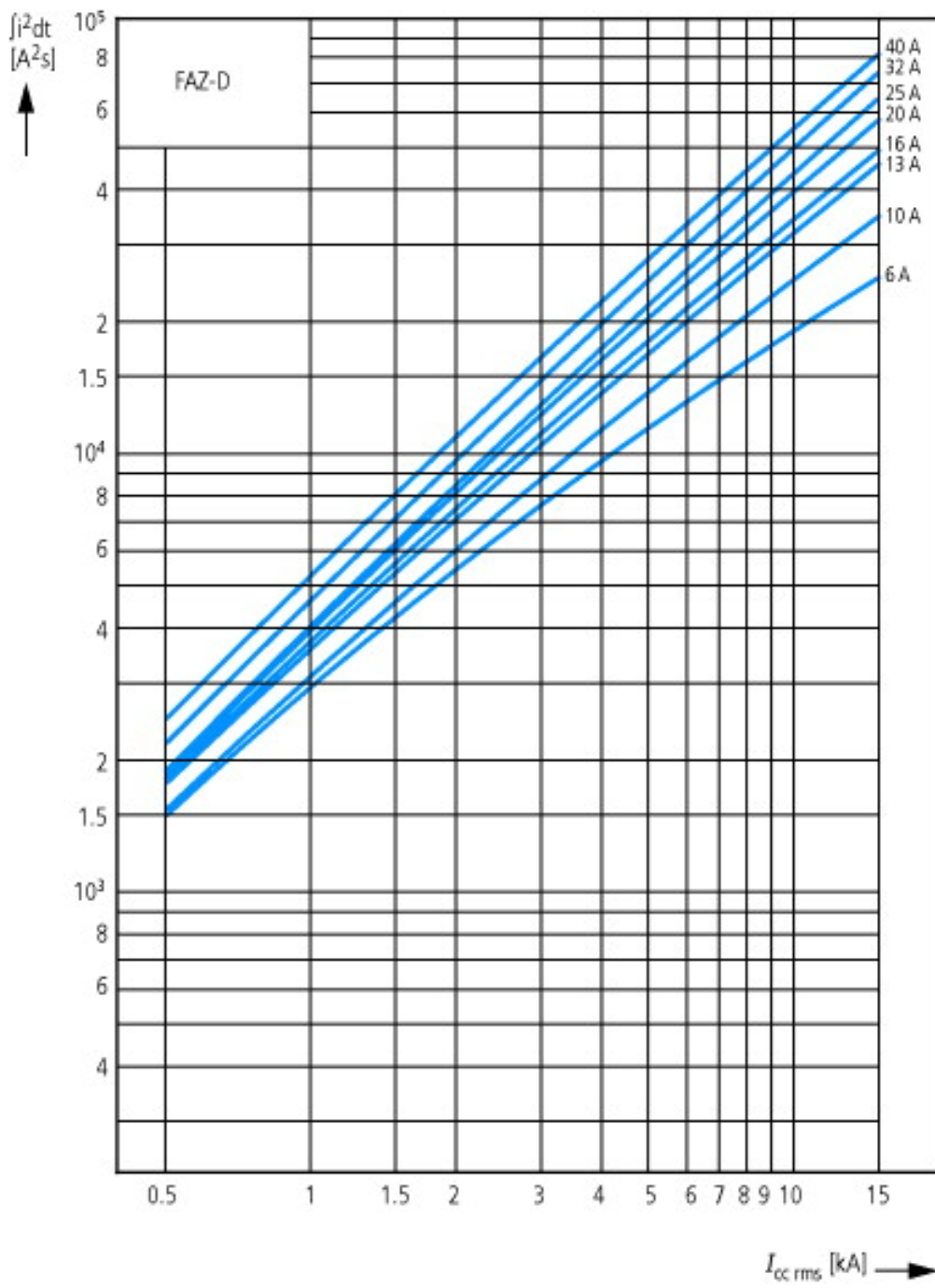
Standards			IEC/EN 60947-2 IEC/EN 60898
Rated operational voltage	U_e	V	
	U_e	V AC	230/400
		V DC	48 (per pole)
Rated switching capacity		kA	15
Operational switching capacity		kA	7.5
Characteristic			B, C, D
Max. back-up fuse		A gL/gG	125
Selectivity Class			3
Lifespan	Operations		> 10000
Direction of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

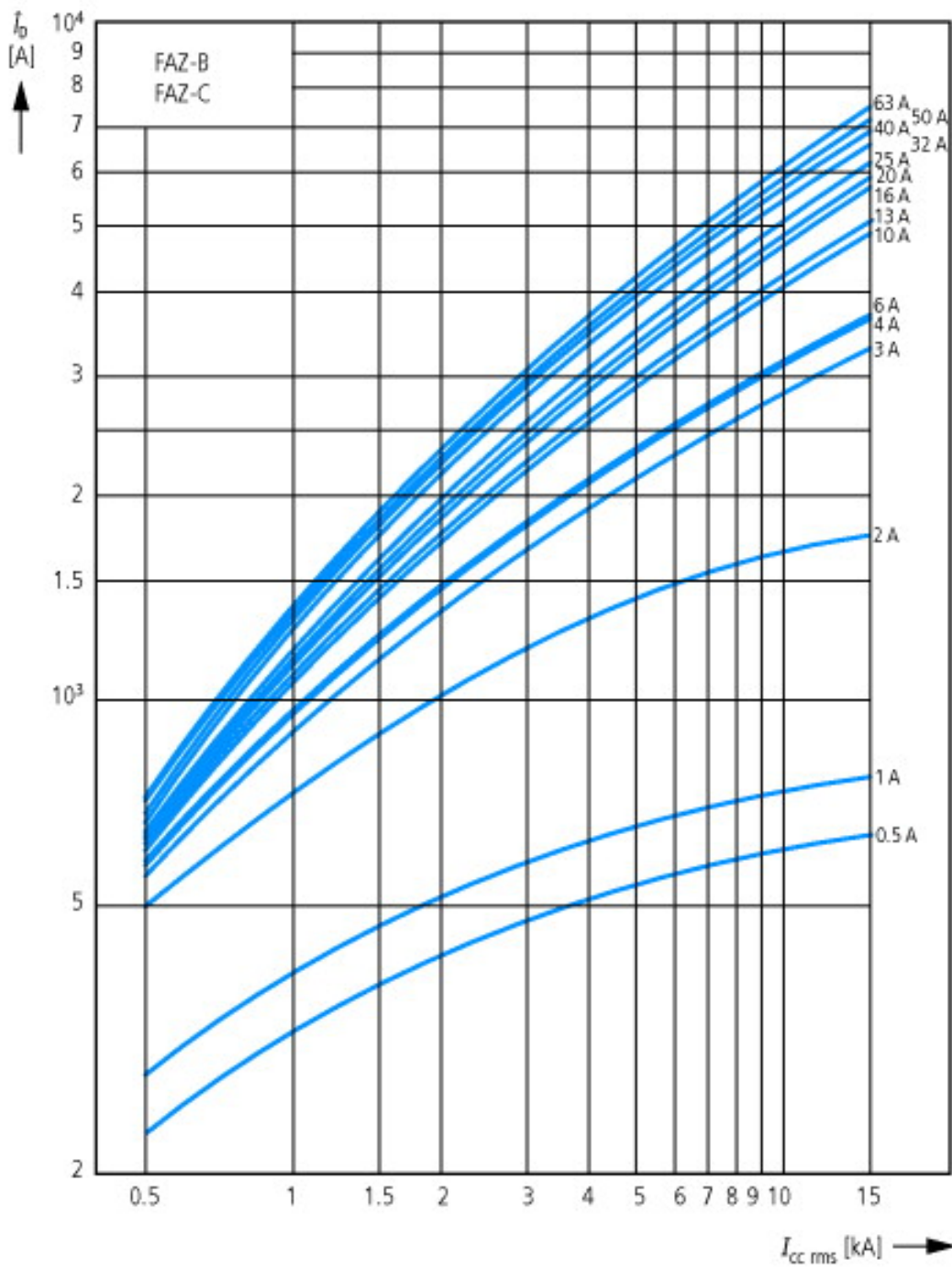
Mechanical

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 × 25
		mm ²	2 × 10
Thickness of busbar material		mm	0.8 ... 2
Mounting position			As required

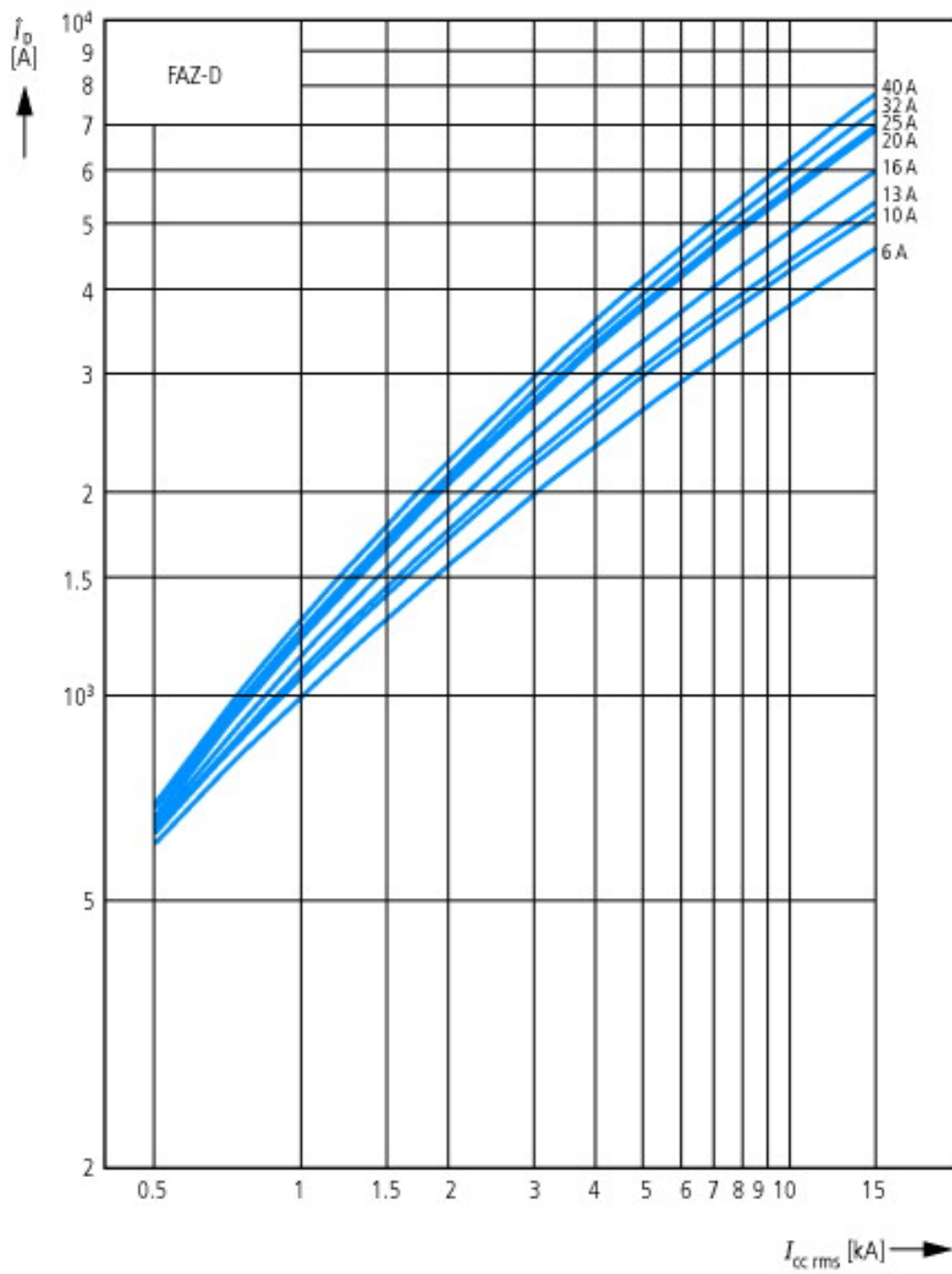


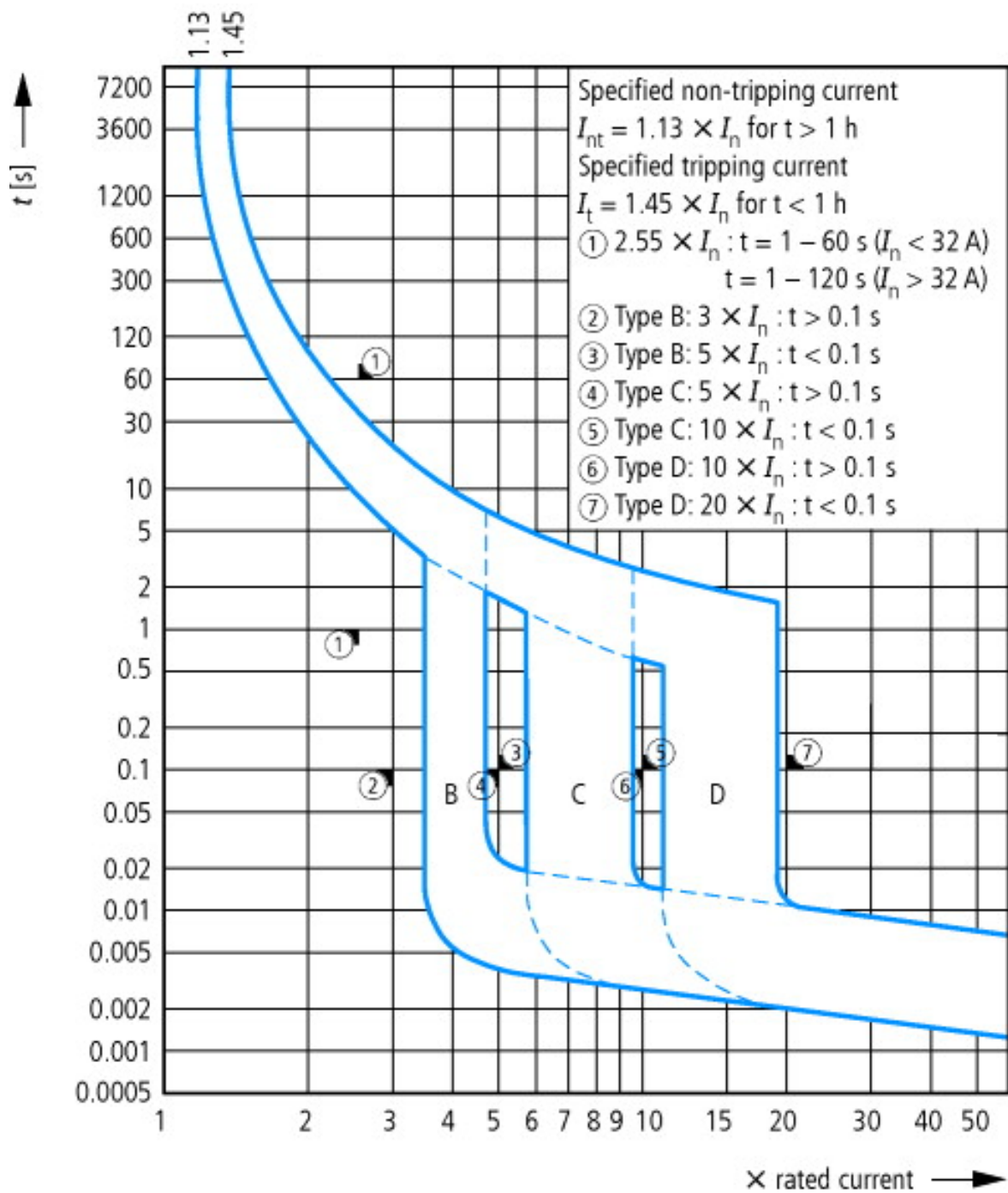
Let-through energy $\int i^2 dt$
According to IEC/EN 60898





Let-through current i_D
According to IEC/EN 60898





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

Dimensions

