



Miniature circuit-breaker

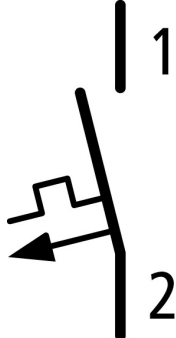


Powering Business Worldwide™

Part no. FAZ-K1/1
Article no. 278590

Catalog No. FAZ-K1/1

Delivery programme

Product range			FAZ miniature circuit-breakers
Basic function			Miniature circuit-breakers
Tripping characteristic			K
Application			Instantaneous release response current $8 - 12 \times I_n$
Switching capacity			Switching capacity 15 kA (IEC/EN 60947-2)
Rated current	I_n	A	1
Pole			1 pole
Contact sequence			
Notes			
Switching capacity (IEC/EN 60898)			10 kA
Switching capacity (IEC/EN 60947-2)			15 kA
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			4-pole; 3-pole + N
Depth 71 mm			Depth 71 mm
Width 52.5 mm			Width 70 mm

Approvals

Product Standards	IEC/EN 60947-2; IEC/EN 60898; UL 1077; CSA-C22.2 No. 235; CE marking
UL File No.	E177451
UL Category Control No.	QVNU2, QVNU8
CSA File No.	204453
CSA Class No.	3215-30
North America Certification	UL recognized, CSA certified
Conditions of Acceptability	Supplementary Protector only
Suitable for	Branch Circuits; not as BCPD
Current Limiting Circuit-Breaker	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

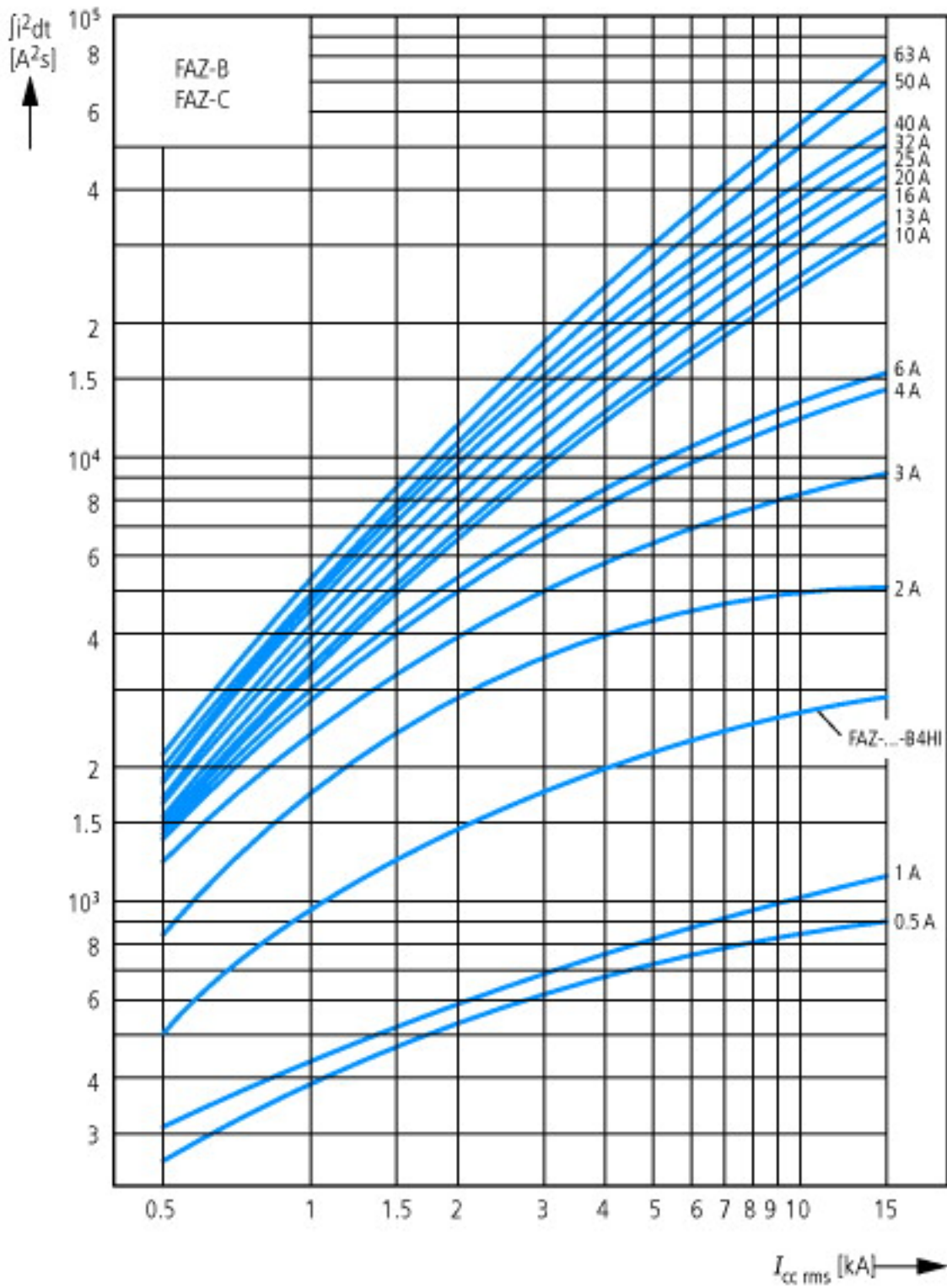
Mechanical

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

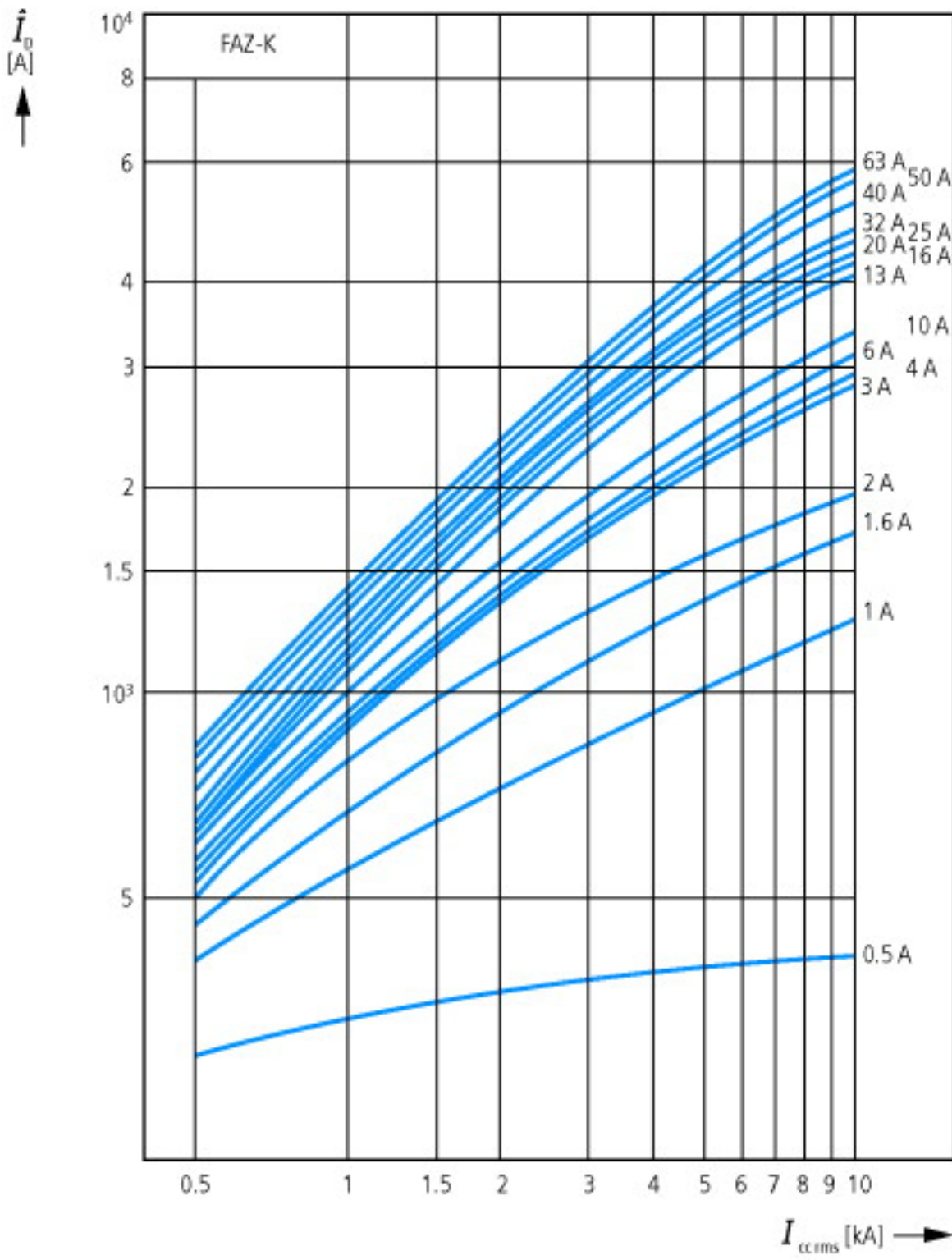
Technical data ETIM 4.0

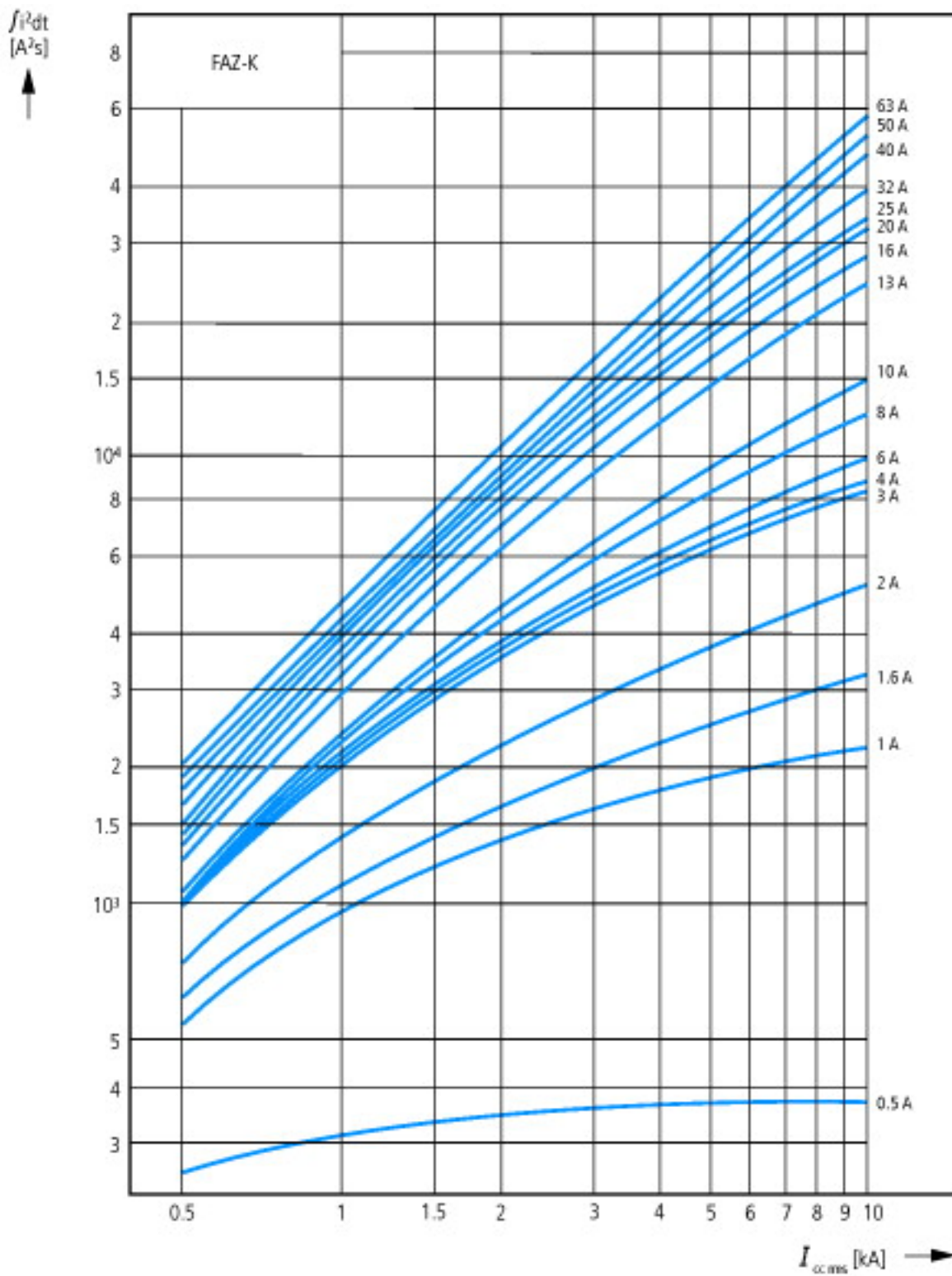
Release characteristic			K
Number of poles			1
Rated current		A	1
Rated voltage		V	230
Rated short-circuit breaking capacity EN 60898		kA	15
Rated short-circuit breaking capacity IEC 60947-2		kA	15
Voltage type			AC
Current limiting class			3
Frequency		Hz	50
Concurrently switching N-neutral			No
Over 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

Characteristics

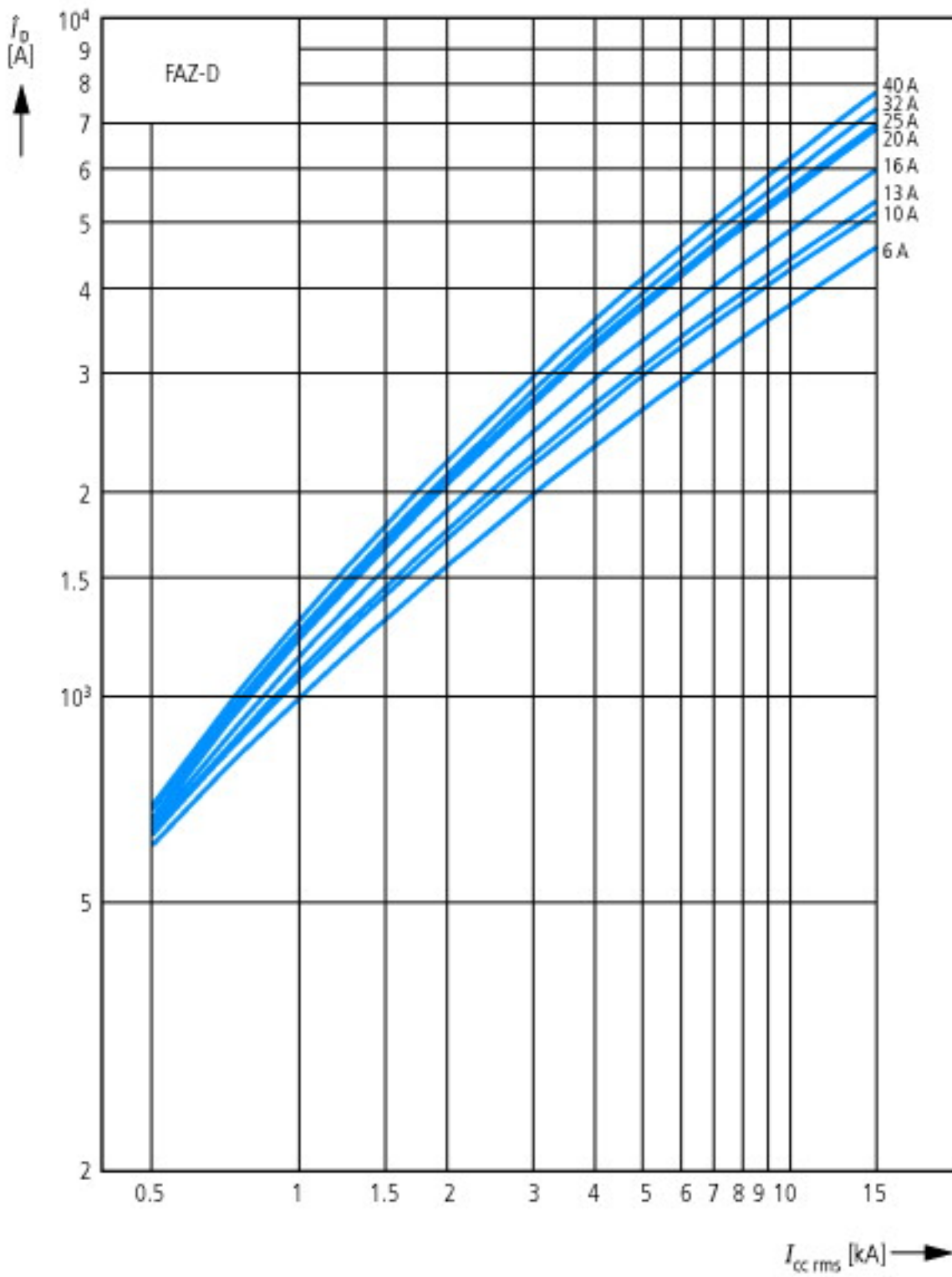


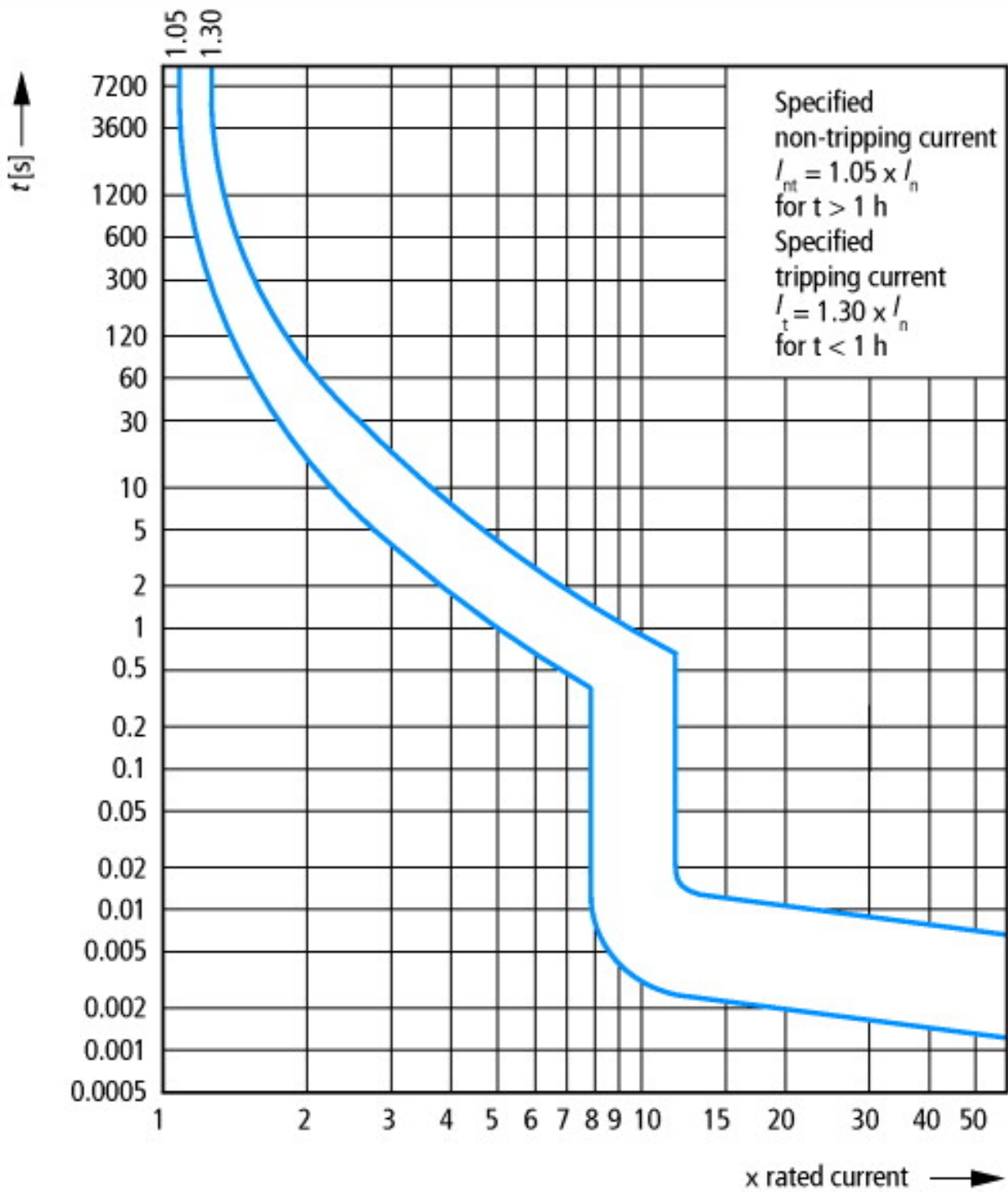
Let-through energy $\int i^2 dt$
According to IEC/EN 60898





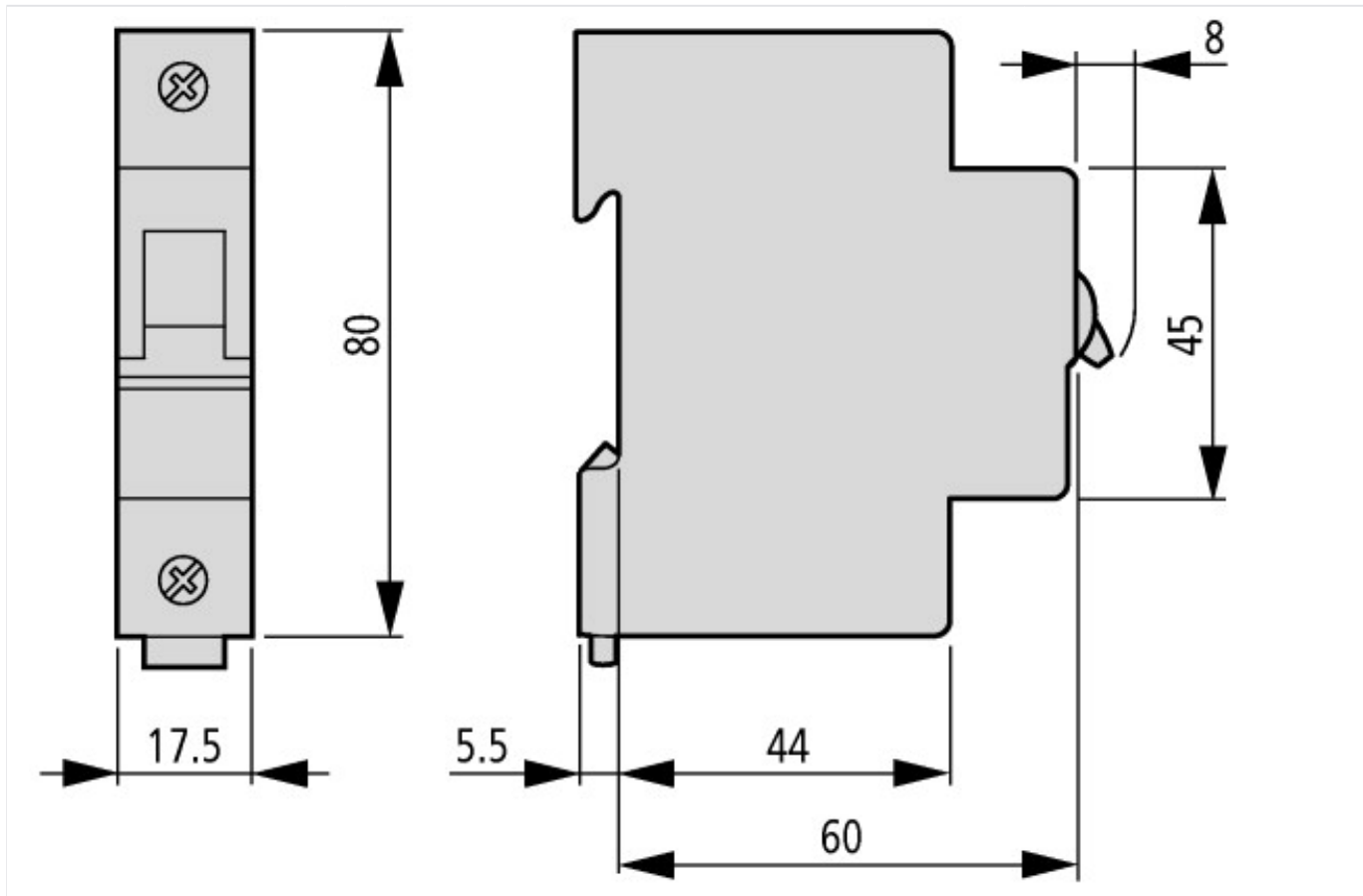
Let-through current i_D
According to IEC/EN 60898





Tripping characteristic at 30 °C:
 K according to IEC/EN 60947

Dimensions



Additional product information (links)

AWA1220-1755 Circuit-breaker

AWA1220-1755 Circuit-breaker

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