



Miniature circuit-breaker



Powering Business Worldwide™

Part no. **FAZ-S3/1**

Article no. **278608**

Program

Range			FAZ-S miniature circuit-breakers
Basic function			Miniature circuit-breakers
Tripping characteristic			S
Application			Instantaneous release response current 13 - 17 x I _n
Switching capacity			Switching Capacity 10 kA (IEC/EN 60947-2)
Rated current	I _n	A	3
Pole			1 pole
Contact sequence			

Notes

Switching capacity 10 kA

(IEC/EN 60898)

Switching capacity 15 kA

(IEC/EN 60947-2)

Accessories

Auxiliary contacts → 286054

Voltage releases

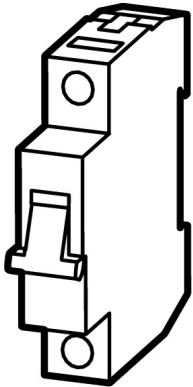
Mounting accessories → 291464

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

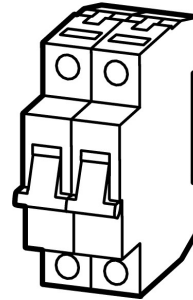
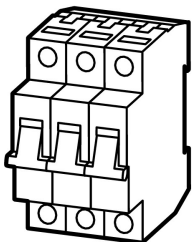
Width 17.5 mm Width 35 mm



3 pole

Depth 71 mm

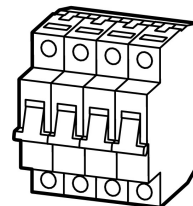
Width 52.5 mm



4-pole; 3N-pole

Depth 71 mm

Width 70 mm



Approbationen

UL approval
 CSA approval
 Product Standards
 UL File No.
 UL CCN
 CSA File No.
 CSA Class No.
 NA Certification
 Conditions of Acceptability
 Suitable for
 Current Limiting CB
 Max. Voltage Rating
 Degree of Protection

Yes
 Yes
 IEC/EN 60947-2; IEC/EN 60898; UL 1077; CSA-C22.2 No. 235; CE marking
 E177451
 QVNU2, QVNU8
 204453
 3215-30
 UL recognized, CSA certified
 Supplementary Protector only
 Branch Circuits; not as BCPD
 No
 277 VAC; 48 VDC
 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

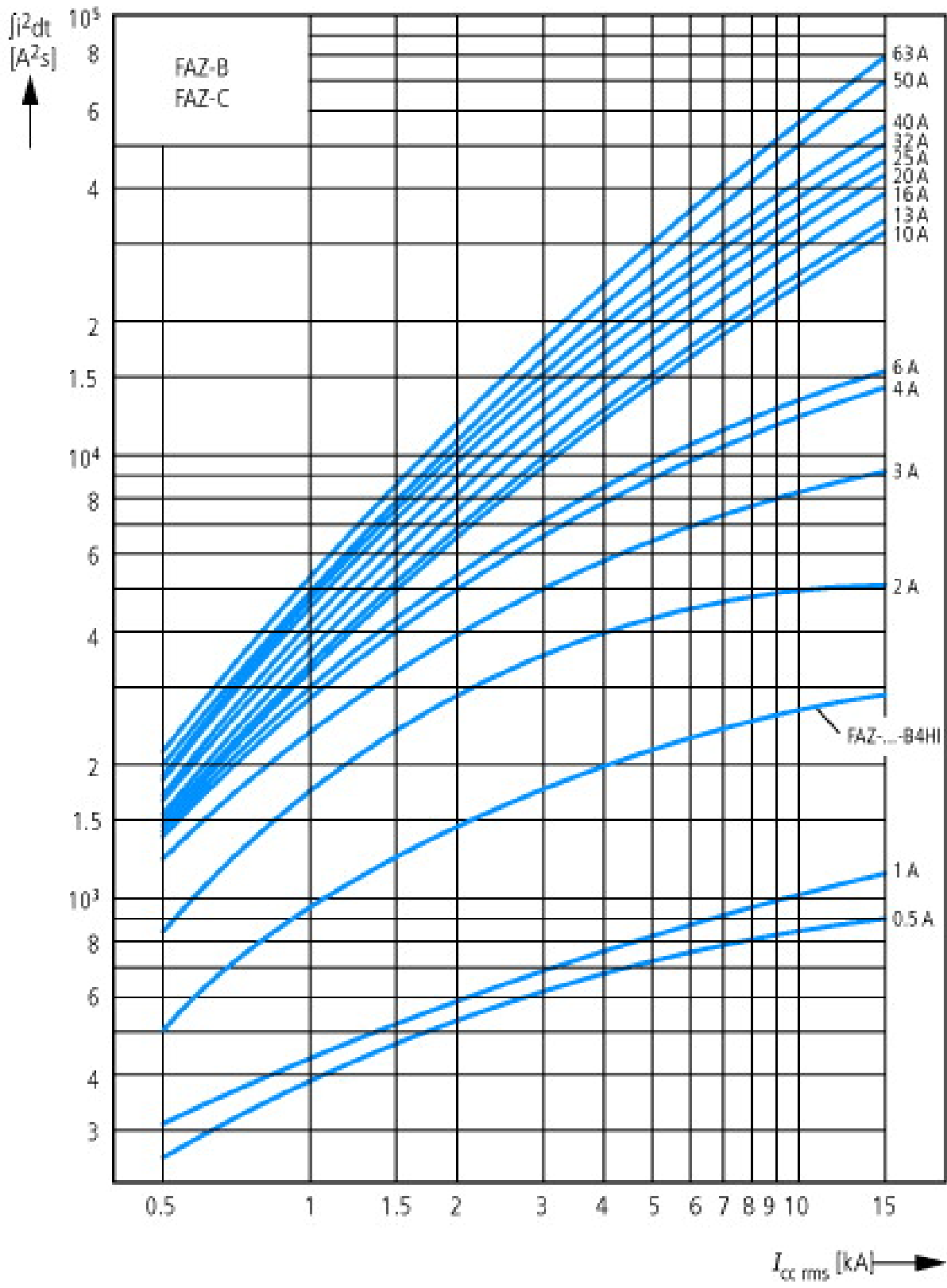
Mechanical

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 according to ETIM 4.0

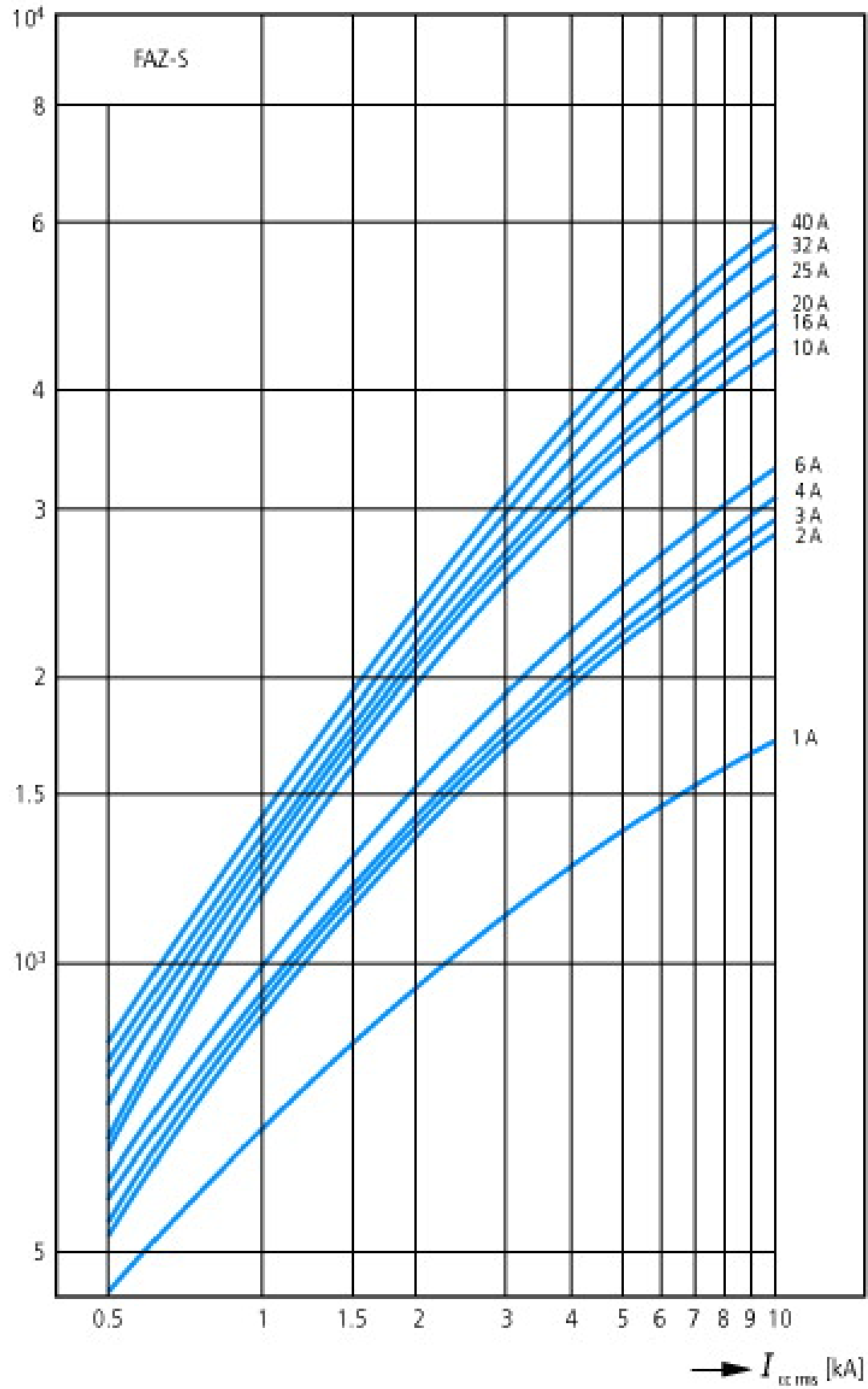
Frequency		Hz	50 Hz
Voltage type			AC
Mounting depth		mm	71 mm
Rated current		A	3 A
Rated voltage		V	230 V
Trip type			others
Number of poles			1
Current-limiting class			3
Overvoltage category			3
Pollution degree			2
Width in space units			1
Protection type (IP)			IP20
Neutral conductor switching with 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

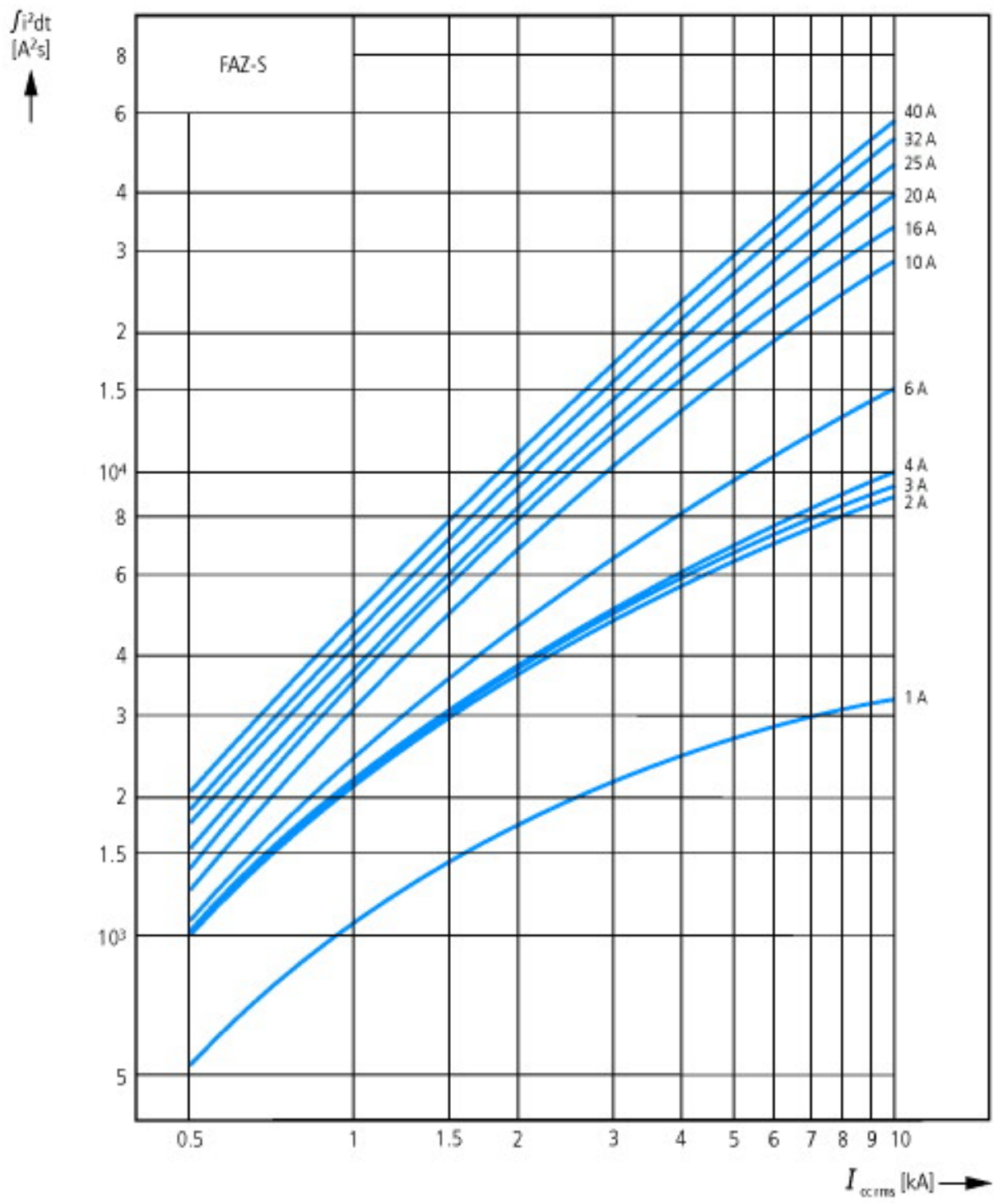
Characteristics



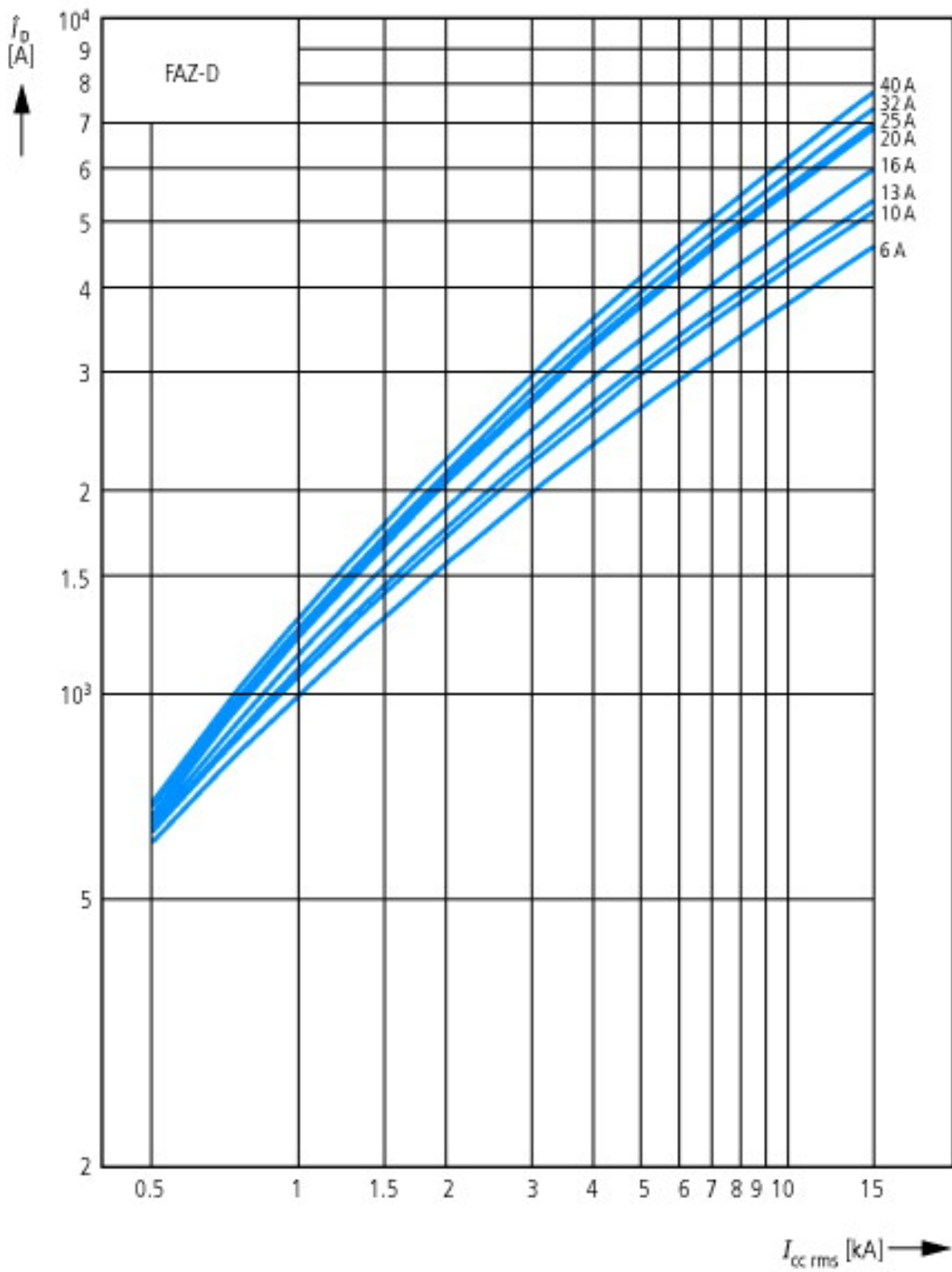
Let-through energy I^2t
According to IEC/EN 60898

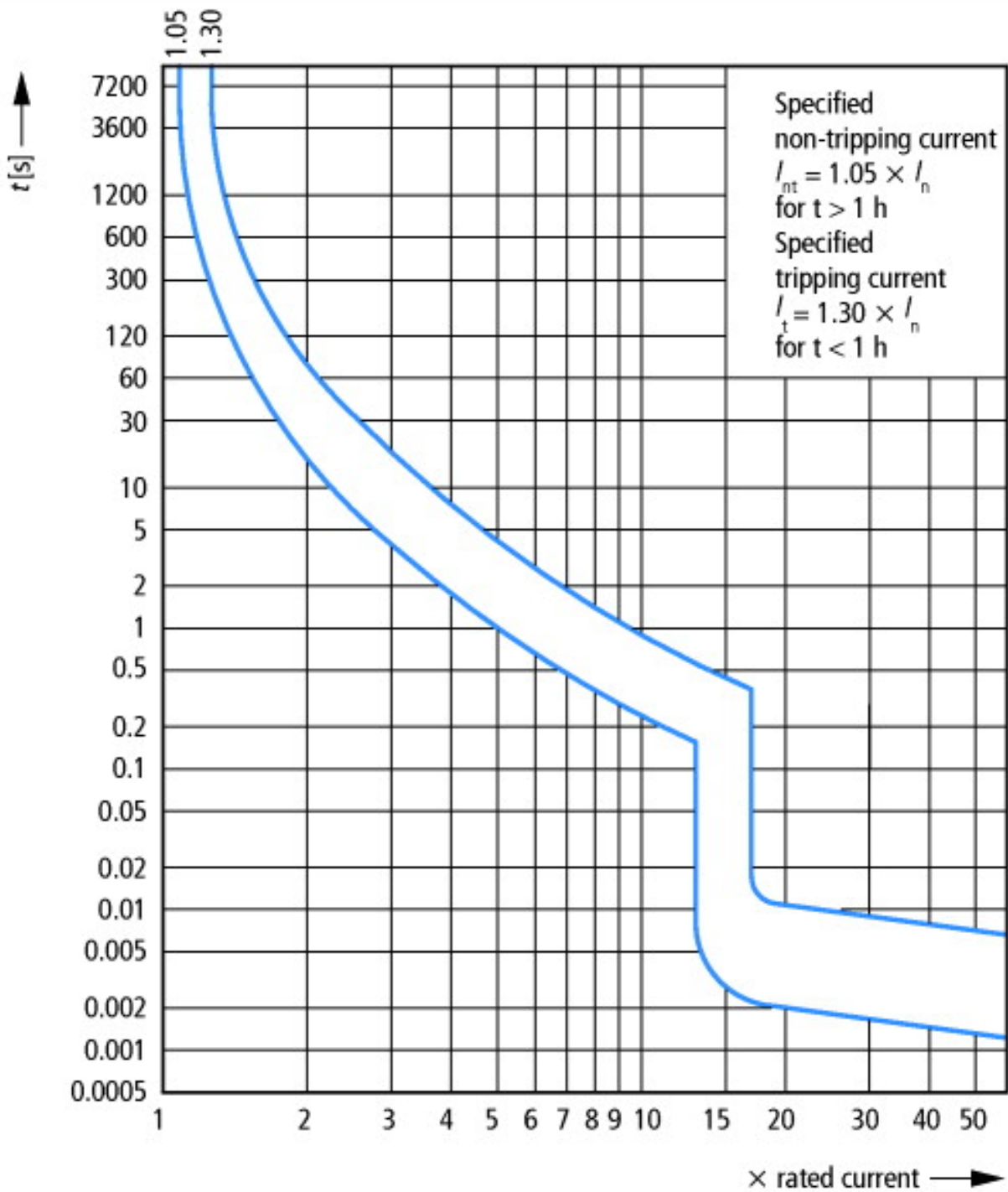
I_0
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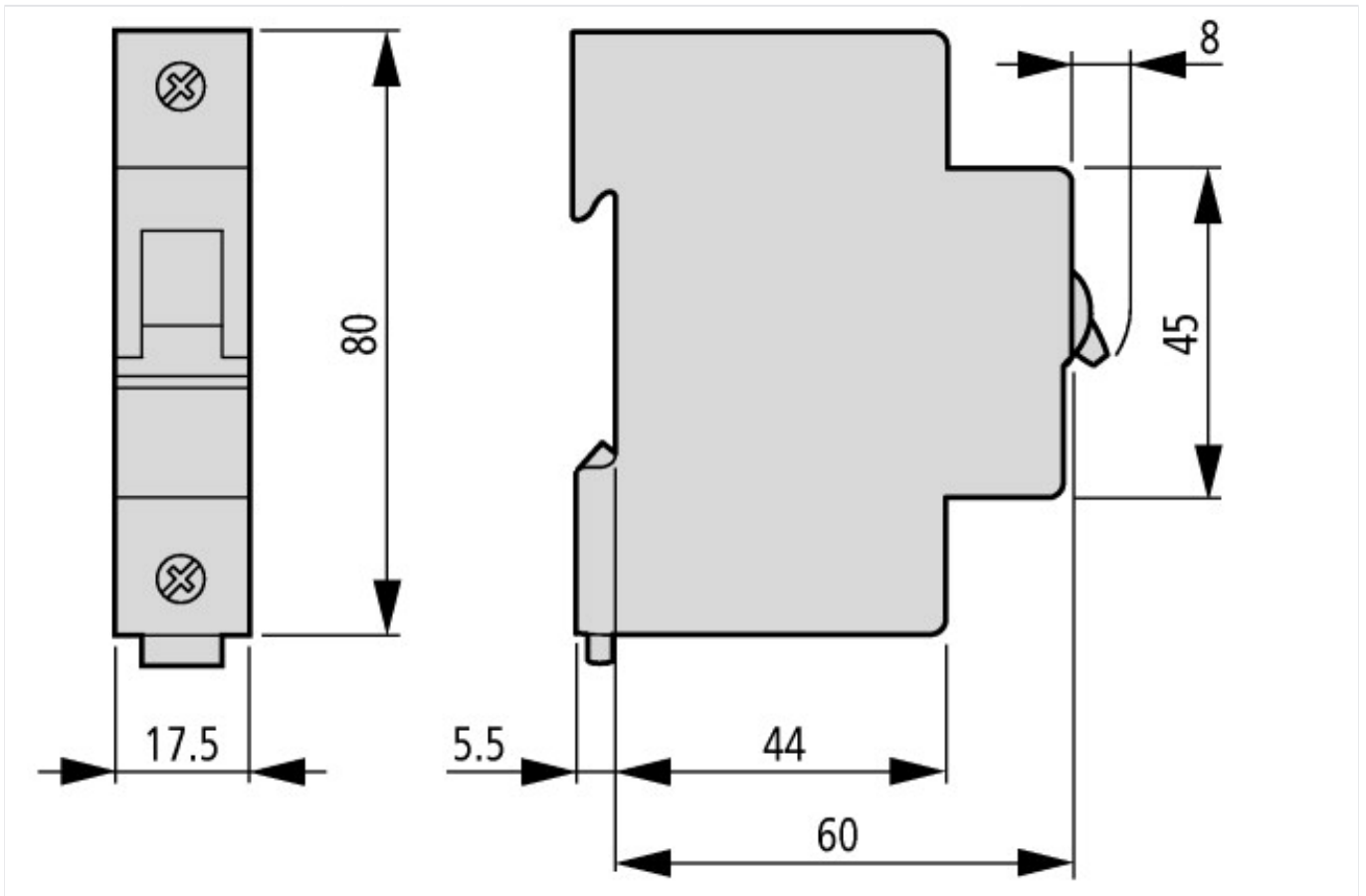
Let-through current i_D
According to IEC/EN 60898





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

Dimensions



Additional product information (links)

AWA1220-1755 Circuit-breaker

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

Engineering

External influences and loadability

ftp://ftp.moeller.net/DOCUMENTATION/PDF/GB/TD_FAZ_neu_14_de.pdf