



Over current switch, 16A, 1p, Z-Char, AC



Powering Business Worldwide™

Part no. FAZ-Z16/1
Article no. 278626

Catalog No. FAZ-Z16/1

Delivery programme

Basic function			Miniature circuit breakers
Pole			1 pole
Tripping characteristic			Z
Application			Switchgear for industrial and commercial applications
Rated current	I_n	A	16
Rated switching capacity acc. to IEC/EN 60947-2		kA	15
Product range			FAZ

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
Rated switching capacity acc. to IEC/EN 60947-2		V DC	48 (per pole)
		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

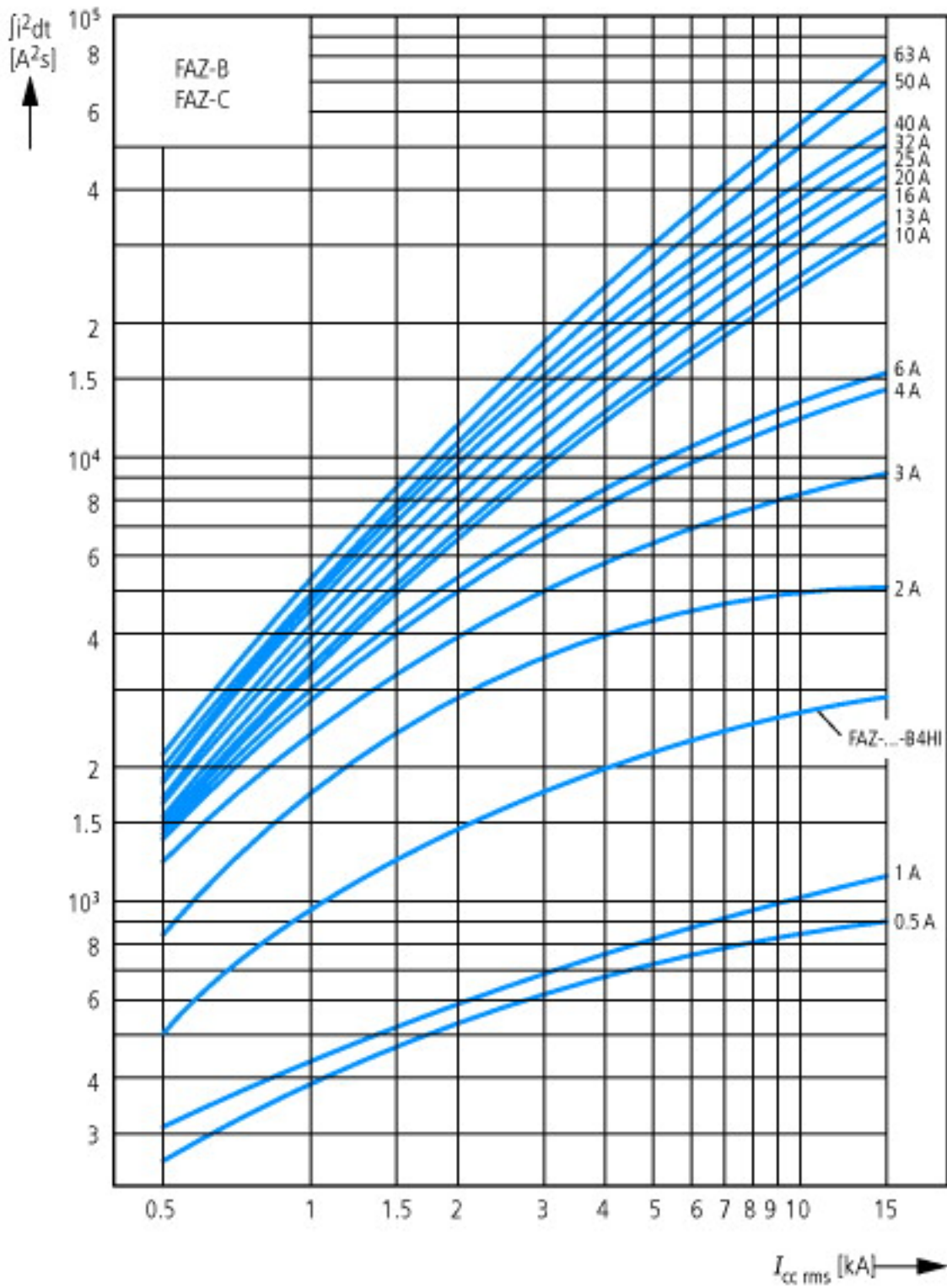
Standard front dimension		mm	45
Enclosure height		mm	80
Terminal protection			Finger and back-of-hand proof to BGV A2
Mounting width per pole		mm	17.5
Mounting			IEC/EN 60715 top-hat rail
Protection type			IP20, IP40 (when fitted)
Terminals top and bottom			Twin-purpose terminals
Terminal capacities		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 5.0

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@ss8-27-14-19-01 [AAB905010])			
Release characteristic			Z
Number of poles (total)			1
Rated current		A	16
Rated voltage		V	230
Rated short-circuit breaking capacity EN 60898		kA	0
Rated short-circuit breaking capacity IEC 60947-2		kA	10
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

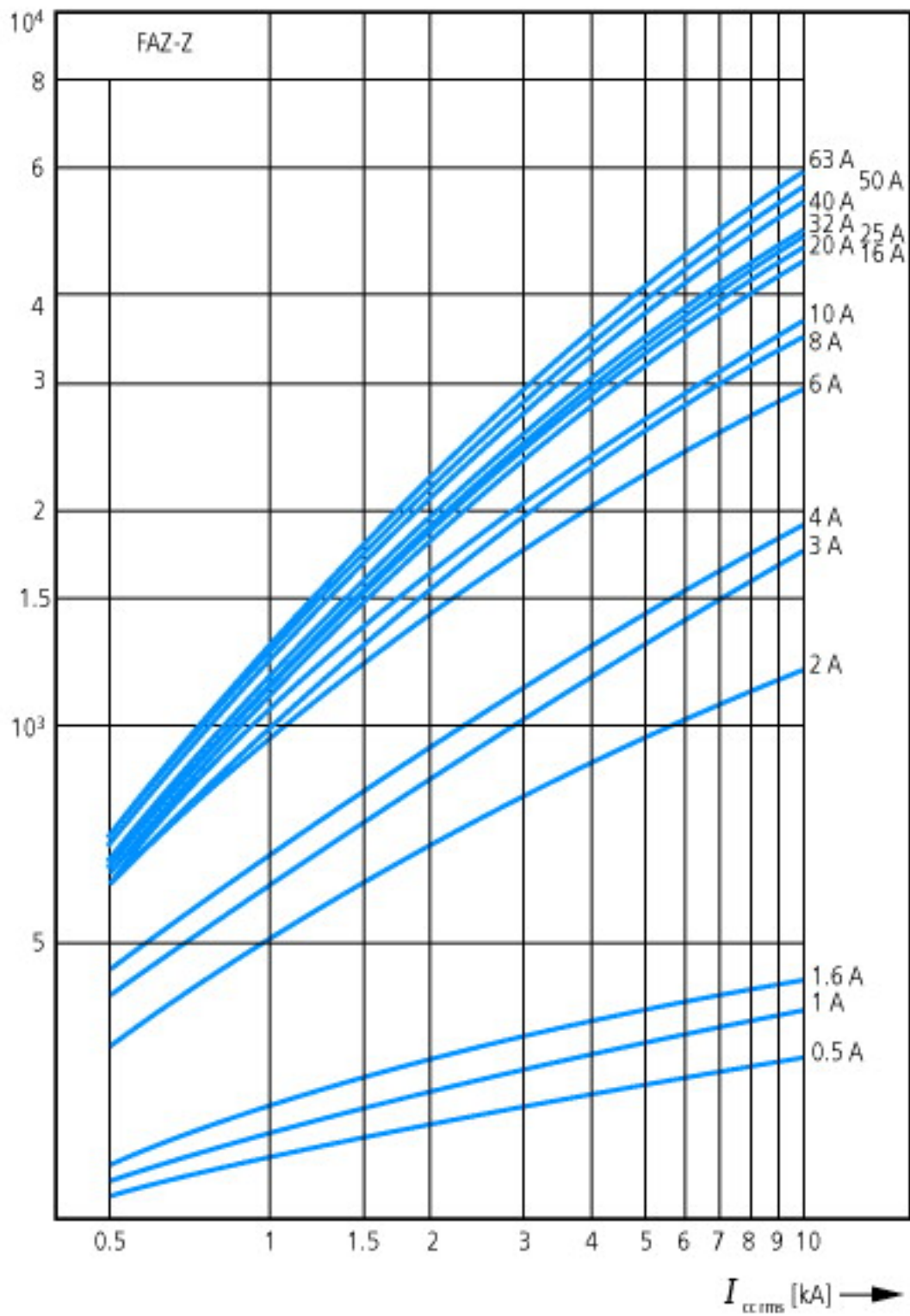
Characteristics

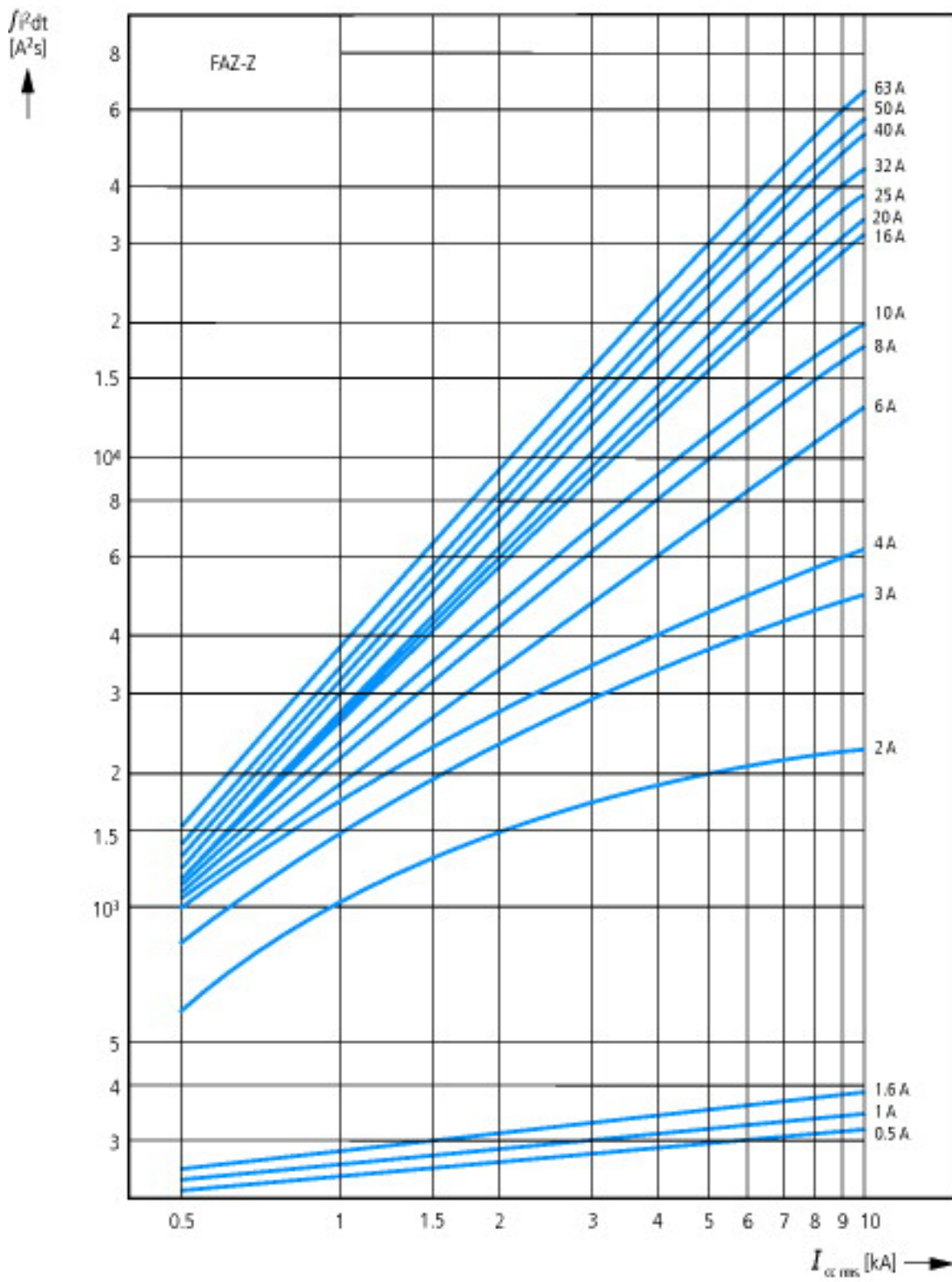
Characteristic curves			
-----------------------	--	--	--



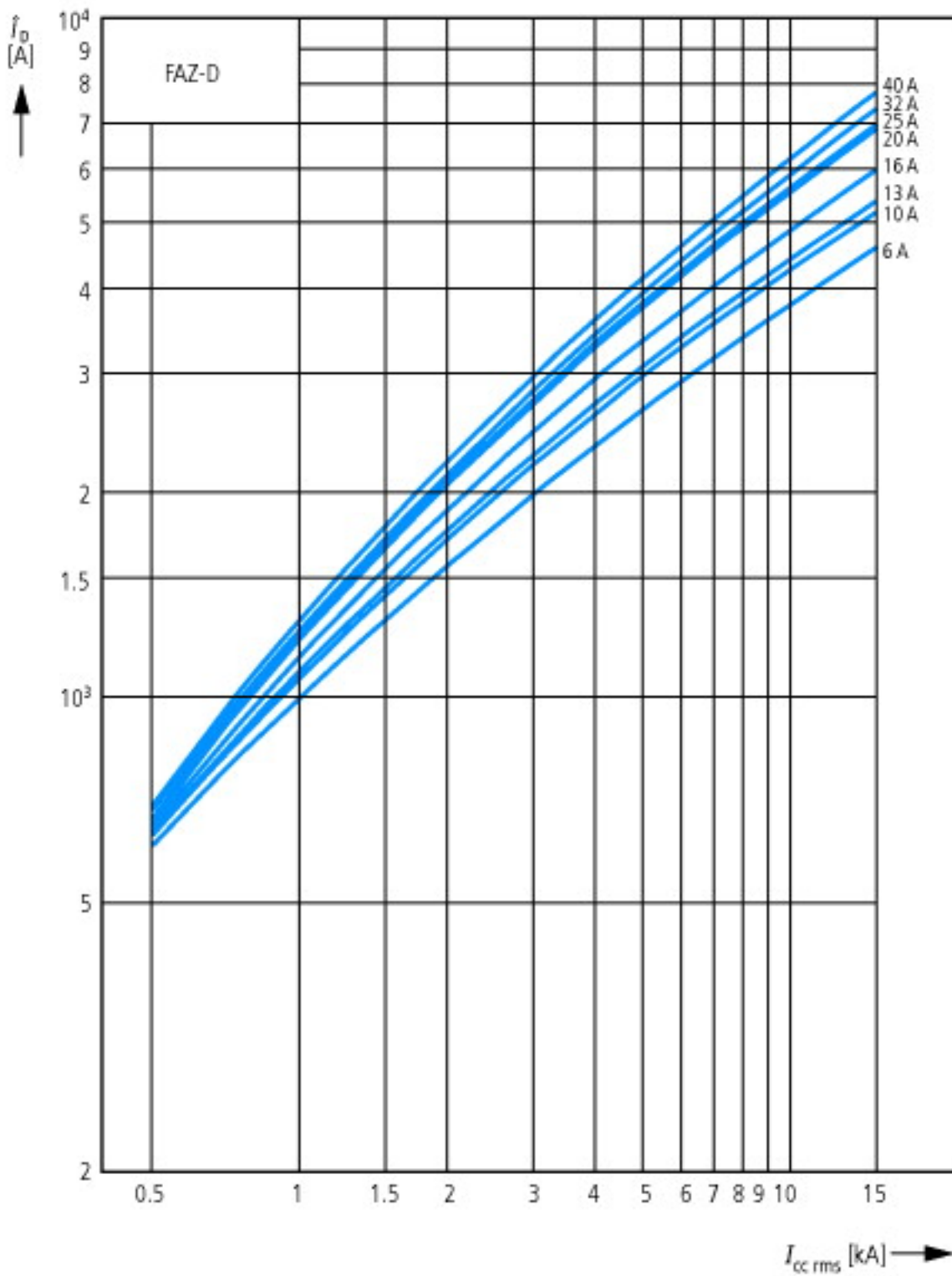
Let-through energy $\int i^2 dt$
According to IEC/EN 60898

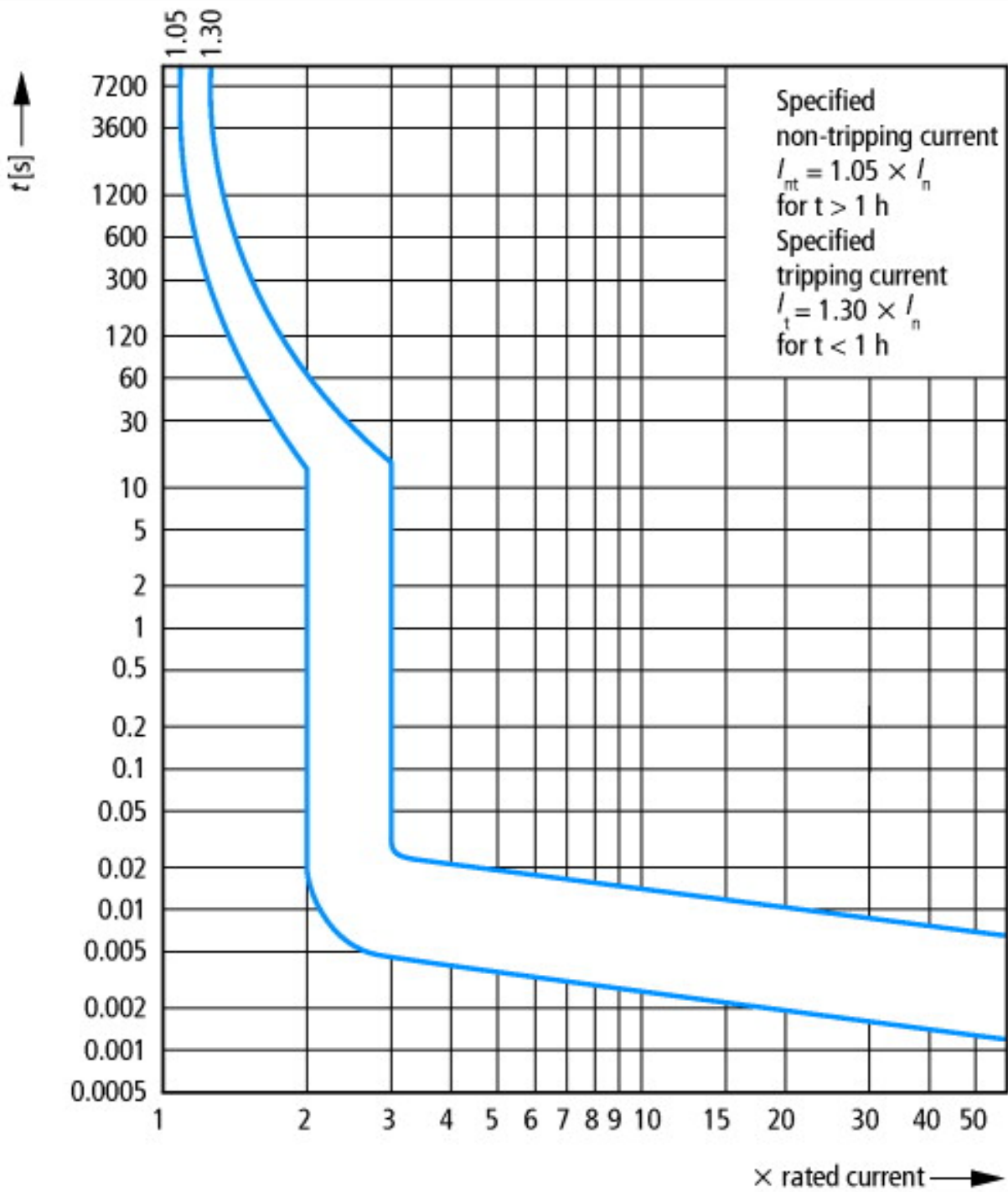
\hat{i}_D
[A]





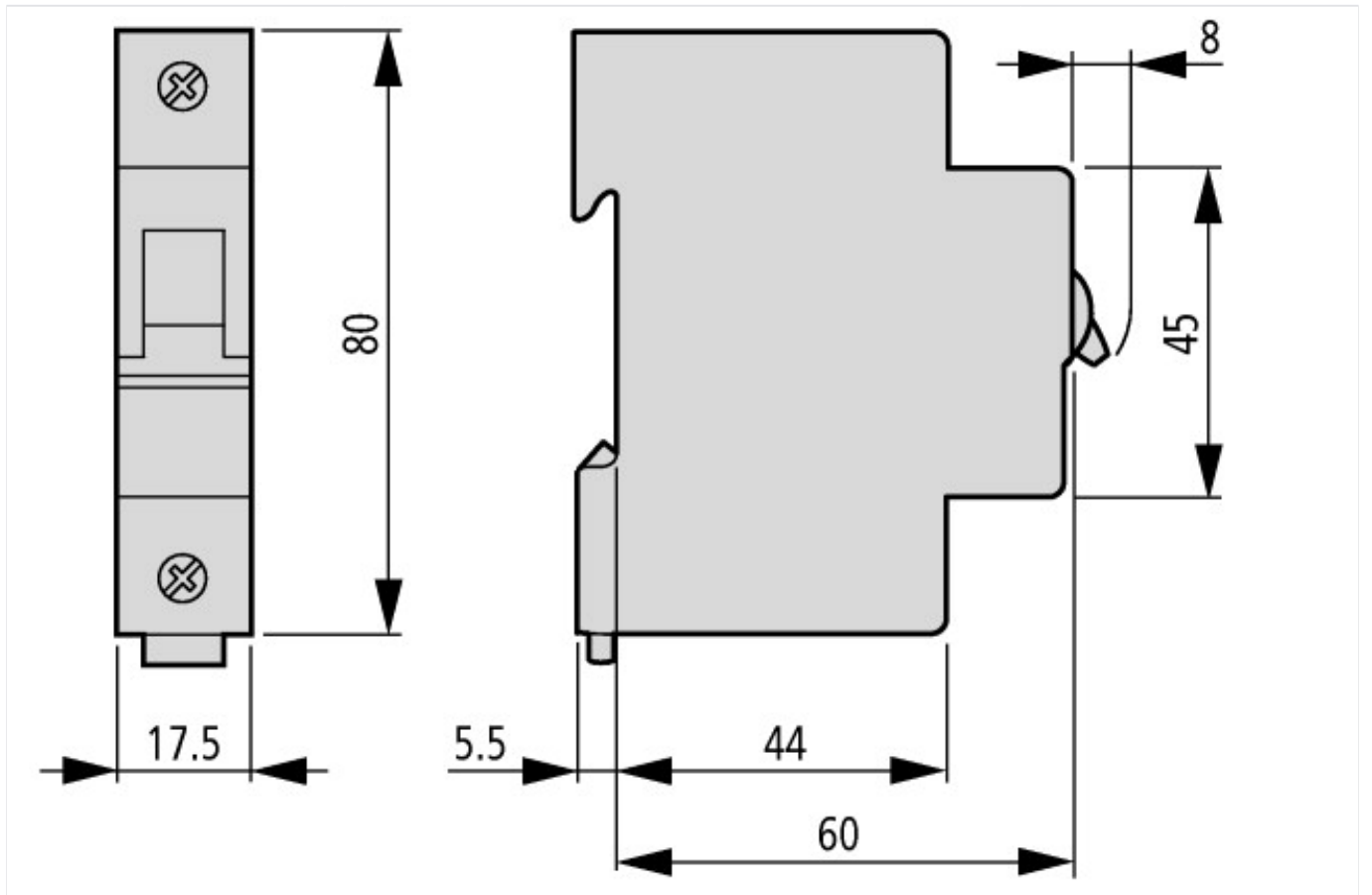
Let-through current i_D
According to IEC/EN 60898





Tripping characteristic at 30 °C:
 Z 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

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Circuit Breakers](#) category:

Click to view products by [Eaton](#) manufacturer:

Other Similar products are found below :

[M39019/04-249S](#) [M39019/04-313S](#) [M55629/1-001](#) [M55629/1-016](#) [M55629/1-018](#) [M55629/1-021](#) [M55629/1-033](#) [M55629/1-036](#) [M55629/1-046](#) [M55629/1-048](#) [M55629/1-058](#) [M55629/1-060](#) [M55629/1-067](#) [M55629/1-070](#) [M55629/1-079](#) [M55629/1-084](#) [M55629/1-085](#) [M55629/1-101](#) [M55629/1-108](#) [M55629/1-109](#) [M55629/11-102](#) [M55629/1-120](#) [M55629/12-045](#) [M55629/12-046](#) [M55629/1-243](#) [M55629/1-330](#) [M55629/1-331](#) [M55629/1-351](#) [M55629/1-366](#) [M55629/1-387](#) [M55629/1-388](#) [M55629/1-401](#) [M55629/1-430](#) [M55629/1-450](#) [M55629/1-453](#) [M55629/2-022](#) [M55629/2-037](#) [M55629/2-082](#) [M55629/2-099](#) [M55629/2-101](#) [M55629/2-102](#) [M55629/2-115](#) [M55629/2-116](#) [M55629/2-183](#) [M55629/21-HM-HM](#) [M55629/21-NS-NS](#) [M55629/21-SK-UK](#) [M55629/22-NR-NR-NR](#) [M55629/22-RS-RS-RS](#) [M55629/22-TM-TM-TM](#)