

Over current switch, 63A, 1p, C-Char, AC



FAZ-C63/1 278567 FAZ-C63/1



Similar to illustration

Delivery programme

Basic function			Miniature circuit breakers
Number of poles			1 pole
Tripping characteristic			C
Application			Switchgear for industrial and advanced commercial applications
Rated current	In	А	63
Rated switching capacity acc. to IEC/EN 60947-2		kA	15
Product range			FAZ

Technical data Electrical

Action of the second	Electrical			
Image: space of the space of	Standards			
Index servicesIndex	Rated operational voltage	U _e	V	
Redestiviting capacity cost DE/C/EN 06094-2KKSOperational switching capacityKKKOperatoristicKKKKSubcerivity ClassOperatoristicSSSDiete on of incoming supplyOperatoristicSSSMechanicalMMSSSBradard ford dimensionMMSSSSubcerivity ClassMMSSSBradard ford dimensionMMSSSSubcerivity ClassMMSSSSubcerivity ClassMMSSSSSubcerivity ClassMMSS<		U _e	V AC	230/400
Appendix and the second seco			V DC	48 (per pole)
CharacteristicResult<	Rated switching capacity acc. to IEC/EN 60947-2		kA	15
Ag Log Ag Log Ide I	Operational switching capacity		kA	7.5
Selectivity Class Appendix of the section of incoming supply Appendix of the section of incoming supply Section of incoming	Characteristic			B, C, D
Lifespan Operations > 1000 Direction of incoming supply > 1000 > required Mechanical > required Standard front dimension M 4 Enclosure height M 8 Terminal protection M M Mounting width per pole M N Mounting FC FC Direction FC Terminal stop and bottom Terminal capacities Terminal capacities Terminal capacities Terminal capacities Terminal capacities Terminal capacities man Terminal capacities Terminal capacities man Terminal capacities man Terminal capacities man Terminal capacities	Max. back-up fuse		A gL/gG	125
Direction of incoming supply is required Mechanical srequired Standard front dimension mm 45 Enclosure height mm 80 Terminal protection Me mm Finger and back-of-hand proof to BGV A2 Mounting width per pole Me Finger and back-of-hand proof to BGV A2 Mounting Me To.5 Degree of Protection Me Finger and back-of-hand proof to BGV A2 Terminal stop and bottom Me Finger and back-of-hand proof to BGV A2 Terminal capacities Me Finger and back-of-hand proof to BGV A2 Terminal capacities Me Finger and back-of-hand proof to BGV A2 Terminal capacities Me Finger and back-of-hand proof to BGV A2 Terminal capacities Me Finger and back-of-hand proof to BGV A2 Terminal capacities Me Finger and back-of-hand proof to BGV A2 Terminal capacities Me Finger and back-of-hand proof to BGV A2 Terminal capacities Me Finger and back-of-hand proof to BGV A2 Terminal capacities Me Finger and back-of-hand	Selectivity Class			3
Mechanical mm 45 Standard front dimension mm 6 mm 6<	Lifespan	Operations		> 10000
Standard front dimensionImmSEnclosure heightmm80Terminal protectionFinger and back-of-hand proof to BGV A2Mounting width per polemm1.5MountingFinder Art ailDegree of ProtectionFinder Art ailTerminals top and bottommmimin-purpose terminalsTerminal capacitiesmm1.25Interminationmmimin-purpose terminalsTerminal capacitiesmmimin-purpose terminalsInterminationmmimin-purpose terminalsInterminationmmimin-pu	Direction of incoming supply			as required
Enclosure height mm Bod Terminal protection Finger and back-of-hand proof to BGV A2 Mounting width per pole Finger and back-of-hand proof to BGV A2 Mounting Finger and back-of-hand proof to BGV A2 Degree of Protection Finder and Protection Terminal stop and bottom Finder and Protection Terminal capacities mm ² Interminal capacities mm ² Intermination mm ²	Mechanical			
Terminal protectionImage: Region of the Section of the S	Standard front dimension		mm	45
Mounting width per pole mm 7.5 Mounting IC/EN 60715 top-hat rail Degree of Protection IC/EN 60715 top-hat rail Terminals top and bottom IC/EN 60715 top-bat rail Terminal capacities Imm ²	Enclosure height		mm	80
Mounting Image:	Terminal protection			Finger and back-of-hand proof to BGV A2
Degree of Protection Feed P20, IP40 (when fitted) Terminals top and bottom Terminals copacities Terminals copacities Terminal capacities ma ² Ima ² Indext protection ma ² Ima ² Terminal capacities ma ² Ima ² Indext protection ma ² Ima ² Indext protection ma ² Ima ²	Mounting width per pole		mm	17.5
Terminals top and bottom Image: Sector Sec	Mounting			IEC/EN 60715 top-hat rail
Terminal capacities ma ² Imm ²	Degree of Protection			IP20, IP40 (when fitted)
Image: margin m Margin margin marg	Terminals top and bottom			Twin-purpose terminals
Thickness of busbar material Thickness of busbar material Thickness of busbar material Thickness of busbar material	Terminal capacities		mm ²	
Thickness of busbar material mm 0.82			mm ²	1 x 25
			mm ²	2 x 10
Mounting position As required	Thickness of busbar material		mm	0.8 2
	Mounting position			As required

Design verification as per IEC/EN 61439

Technical data for design verification			
Rated operational current for specified heat dissipation	In	А	63
Heat dissipation per pole, current-dependent	P _{vid}	W	0
Equipment heat dissipation, current-dependent	P _{vid}	W	5.2
Static heat dissipation, non-current-dependent	P _{vs}	W	0

Heat dissipation capacity	P _{diss}	W	0
Operating ambient temperature min.		°C	-40
Operating ambient temperature max.		°C	75
			linear, per +1 °C, results in a 0.5% reduction of current carrying capacity
C/EN 61439 design verification			
10.2 Strength of materials and parts			
10.2.2 Corrosion resistance			Meets the product standard's requirements.
10.2.3.1 Verification of thermal stability of enclosures			Meets the product standard's requirements.
10.2.3.2 Verification of resistance of insulating materials to normal heat			Meets the product standard's requirements.
10.2.3.3 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric effects			Meets the product standard's requirements.
10.2.4 Resistance to ultra-violet (UV) radiation			Meets the product standard's requirements.
10.2.5 Lifting			Does not apply, since the entire switchgear needs to be evaluated.
10.2.6 Mechanical impact			Does not apply, since the entire switchgear needs to be evaluated.
10.2.7 Inscriptions			Meets the product standard's requirements.
10.3 Degree of protection of ASSEMBLIES			Does not apply, since the entire switchgear needs to be evaluated.
10.4 Clearances and creepage distances			Meets the product standard's requirements.
10.5 Protection against electric shock			Does not apply, since the entire switchgear needs to be evaluated.
10.6 Incorporation of switching devices and components			Does not apply, since the entire switchgear needs to be evaluated.
10.7 Internal electrical circuits and connections			Is the panel builder's responsibility.
10.8 Connections for external conductors			Is the panel builder's responsibility.
10.9 Insulation properties			
10.9.2 Power-frequency electric strength			Is the panel builder's responsibility.
10.9.3 Impulse withstand voltage			Is the panel builder's responsibility.
10.9.4 Testing of enclosures made of insulating material			Is the panel builder's responsibility.
10.10 Temperature rise			The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices.
10.11 Short-circuit rating			Is the panel builder's responsibility. The specifications for the switchgear must l observed.
10.12 Electromagnetic compatibility			Is the panel builder's responsibility. The specifications for the switchgear must observed.
10.13 Mechanical function			The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.

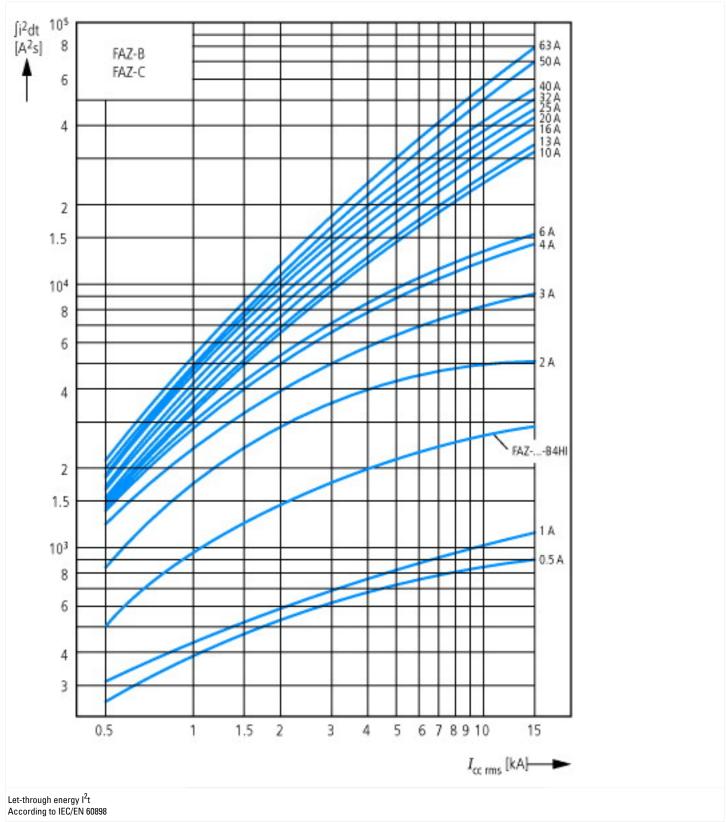
Technical data ETIM 6.0

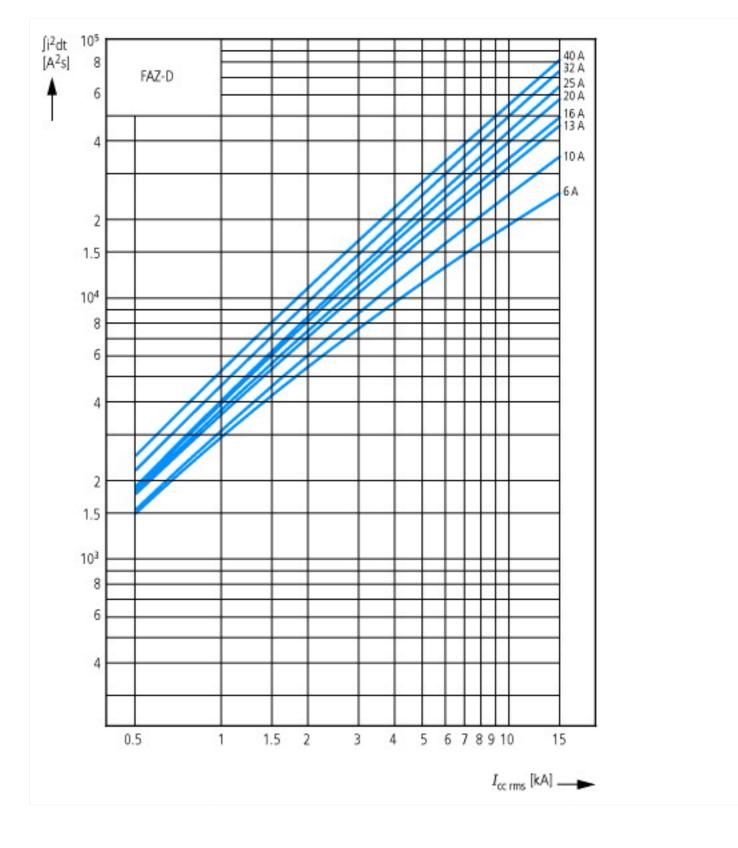
Circuit breakers and fuses (EG000020) / Miniature circuit breaker (MCB) (EC000042)

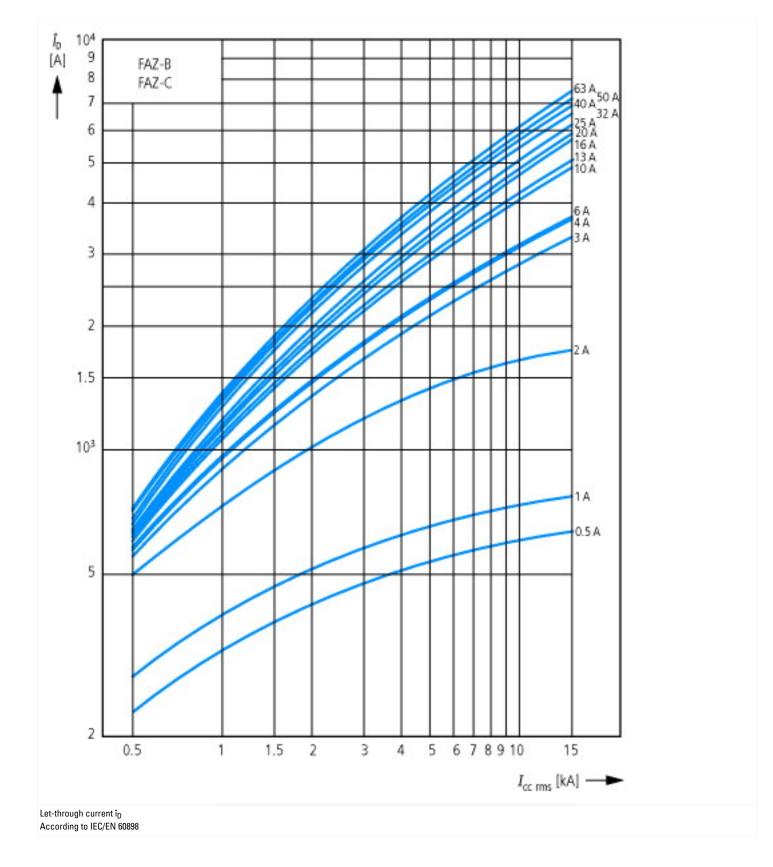
Electric engineering, automation, process control engineering / Electrical installation, device / Miniature circuit breaker system (MCB) / Miniature circuit breaker (MCB) (ecl@ss8.1-27-14-19-01 [AAB905011])

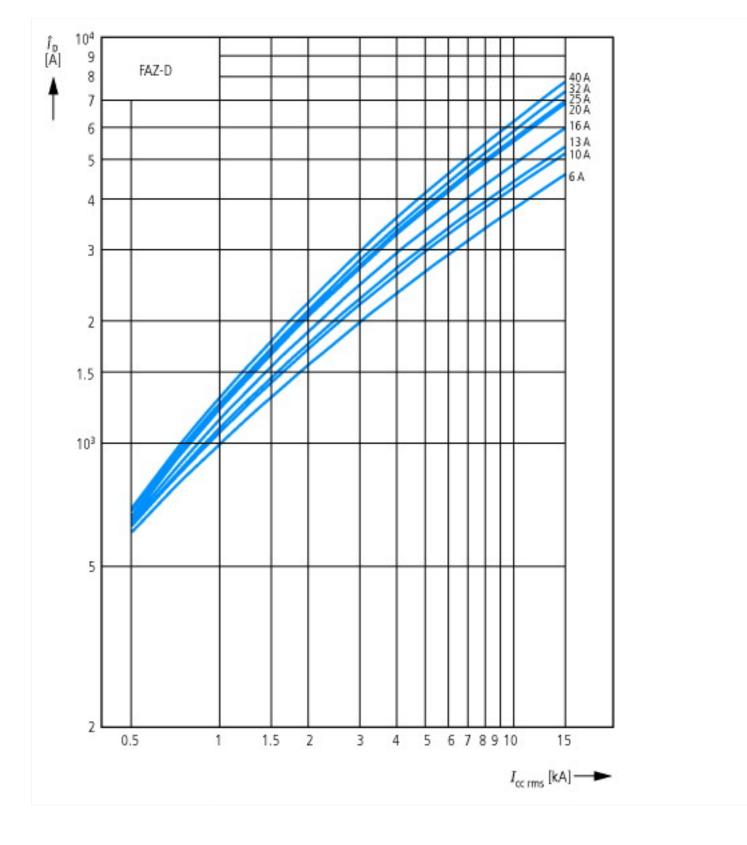
[AAD303011]/				
Release characteristic		С		
Number of poles (total)		1		
Number of protected poles		1		
Nominal rated current	А	63		
Nominal rated voltage	V	230		
Rated short-circuit breaking capacity Icn EN 60898 at 230 V	kA	10		
Rated short-circuit breaking capacity Icn EN 60898 at 400 V	kA	10		
Rated short-circuit breaking capacity Icu IEC 60947-2 at 230 V	kA	15		
Rated short-circuit breaking capacity Icu IEC 60947-2 at 400 V	kA	15		
Voltage type		AC		
Current limiting class		3		
Frequency	Hz	50 - 60		
Concurrently switching N-neutral		No		
Suitable for flush-mounted installation		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) For Sales and Support call KMParts.com (866) 595-9616				

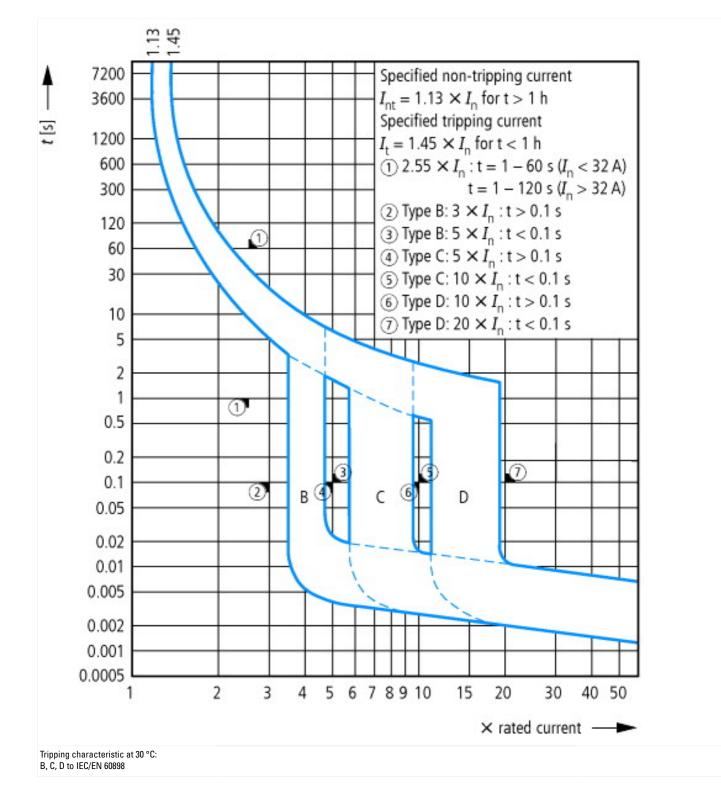




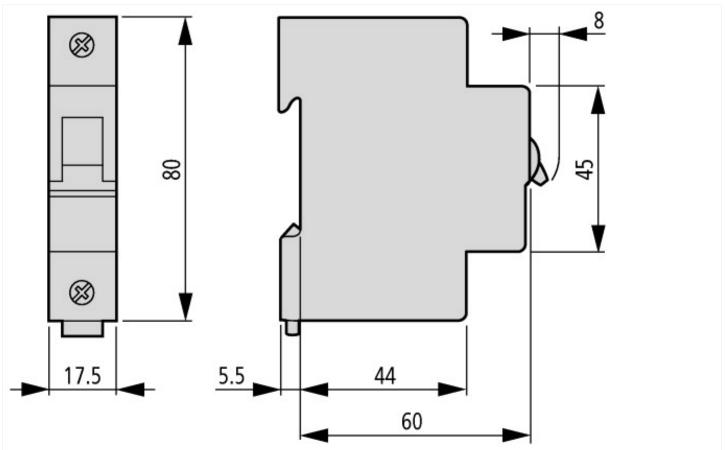








Dimensions



Additional product information (links)

AWA1220-1755 Circiut-breaker

AWA1220-1755 Circiut-breaker

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