

Over current switch, 32A, 1p, B-Char, AC



FAZ-B32/1 278538 FAZ-B32/1



Similar to illustration

Delivery programme

Basic function			Miniature circuit breakers
Number of poles			1 pole
Tripping characteristic			В
Application			Switchgear for industrial and advanced commercial applications
Rated current	I _n	А	32
Rated switching capacity acc. to IEC/EN 60947-2		kA	15
Product range			FAZ

Technical data Electrical

Shadards No Ve ICC/NENGRAPH Rede operational voltage Ve Ve Ve Rede operational voltage Ve Ve Ve Rede operational voltage Ve Ve Ve Rede overlap voltage Ve Ve Ve Red overlap voltage Ve Ne Ve Red overlap voltage Ne Ve Ve Red overlap voltage Ne Ve Ve Red overlap voltage Ne Ve Ve	Electrical			
Image: space s	Standards			
Index services of the services	Rated operational voltage	U _e	V	
Reta witching capacity can be UPC/EN 60947-2 Reta Manual Manua Manual Manual Manual Manual Manual Manual Manual Manu		Ue	V AC	230/400
Operational synchronizationIAIAIAOperational synchronizationAgU ofIAIAAscharburg tagsAgU ofIAIASelectivi ClassImage of Image of Ima			V DC	48 (per pole)
CharacteristicKarac	Rated switching capacity acc. to IEC/EN 60947-2		kA	15
As back-up fuse AgLya AgLya AgLya Image: Constraint of the second	Operational switching capacity		kA	7.5
Selectivity ClassImage: Selectivity Class	Characteristic			B, C, D
Lifespan Operations > 1000 Direction of incoming supply > 1000 > 1000 Mechanical > 1000 > 1000 Standard front dimension > 1000 > 1000 Enclosure height > 1000 > 1000 Torminal protection > 1000 > 1000 Mounting width per pole > 1000 > 1000 Mounting > 1000 > 1000 Degree of Protection > 1000 > 1000 Terminal stop and bottom > 1000 > 1000 Terminal capacities > 10000 > 10000 Terminal capacities > 10000 > 10000 Terminal capacities > 100000 > 100000 Terminal capacities > 100000000000 > 100000000000000000000000000000000000	Max. back-up fuse		A gL/gG	125
Direction of incoming supply Image: Provide of incoming supply	Selectivity Class			3
Mechanical nm 45 Standard front dimension mm 8 Enclosure height mm 80 Terminal protection mm 1inger and back-of-hand proof to BGV A2 Mounting width per pole mm 15 Degree of Protection FM FM Terminal stop and bottom FM FM Terminal capacities mm ² FM Intermination mm ² FM Terminal capacities mm ² FM Intermination mm ² FM Intermination mm ² FM Terminal capacities mm ² FM Intermination mm ² FM	Lifespan	Operations		> 10000
Standard front dimensionmm45Enclosure heightmm80Terminal protectionFmmFinger and back-of-hand proof to BGV A2Mounting width per polemm1.5MountingFC/EN 60715 top-hat railDegree of ProtectionFMmFinger and back-of-hand proof to BGV A2Terminals top and bottomFMmFinger and back-of-hand proof to BGV A2Terminal capacitiesFMmFinger and back-of-hand proof to BGV A2Terminal capacitiesFMmFinger and back-of-hand proof to BGV A2Terminal capacitiesFinger and back-of-hand proof to BGV A2Terminal capacities </td <td></td> <td></td> <td></td> <td>as required</td>				as required
Enclosure height mm Bind Funding protection Figer and back-of-hand proof to BGV A2 Mounting width per pole Figer and back-of-hand proof to BGV A2 Mounting Figer and back-of-hand proof to BGV A2 Degree of Protection Figer and back-of-hand proof to BGV A2 Terminal stop and bottom Figer and back-of-hand proof to BGV A2 Terminal capacities Figer and back-of-hand proof to BGV A2 Intermination Figer and back-of-hand proof to BGV A2 Interminatin Figer and back-of-hand proof	Mechanical			
Terminal protectionImage: Biger and back-of-hand proof to BGV A2Mounting width per polemm7.5MountingEC/EN 60715 top-hat railDegree of ProtectionFordPol JP40 (when fitted)Terminals top and bottommm²Toin purpose terminalsTerminal capacitiesmm²12.5Inchancemm²12.5Terkines of busbar materialmm²12.5Thickness of busbar materialmm²12.5Terkines of busbar materialmm²12.5 <tr< td=""><td>Standard front dimension</td><td></td><td>mm</td><td>45</td></tr<>	Standard front dimension		mm	45
Mounting width per pole mm 7.5 Mounting IC/EN 60715 top-hat rail Degree of Protection IC IC/EN 60715 top-hat rail Terminals top and bottom IC IC/EN 60715 top-hat rail Terminal capacities Imm Imm Imm Imm Imm	Enclosure height		mm	80
Mounting Image:	Terminal protection			Finger and back-of-hand proof to BGV A2
Degree of Protection Feminals top and bottom <	Mounting width per pole		mm	17.5
Terminals top and bottom Image: Section of the sect	Mounting			IEC/EN 60715 top-hat rail
Terminal capacities mm ² Imm ² mm ² Imm ²	Degree of Protection			IP20, IP40 (when fitted)
Image: marge state Image: marge state Image: marge state Image: marge state <td>Terminals top and bottom</td> <td></td> <td></td> <td>Twin-purpose terminals</td>	Terminals top and bottom			Twin-purpose terminals
Image: market index	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	32
Heat dissipation per pole, current-dependent	P _{vid}	W	0
Equipment heat dissipation, current-dependent	P _{vid}	W	3.7
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 b observed.
10.12 Electromagnetic compatibility			Is the panel builder's responsibility. The specifications for the switchgear must l 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)

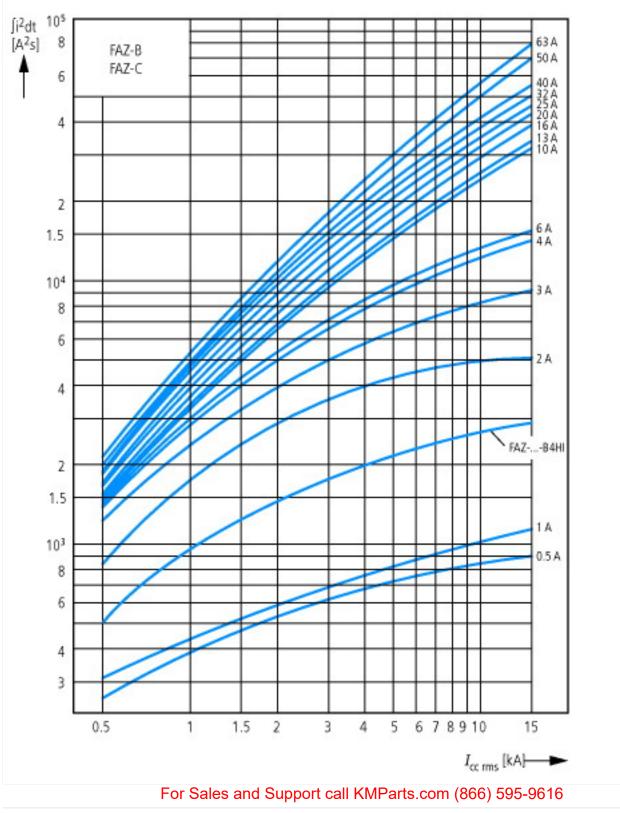
Electric engineering, automation, process control engineering / Electrical installation, device / Miniature circuit breaker system (MCB) / Miniature circuit breaker (MCB) (ecl@ss8.1-27-14-19-01 [AAB905011])

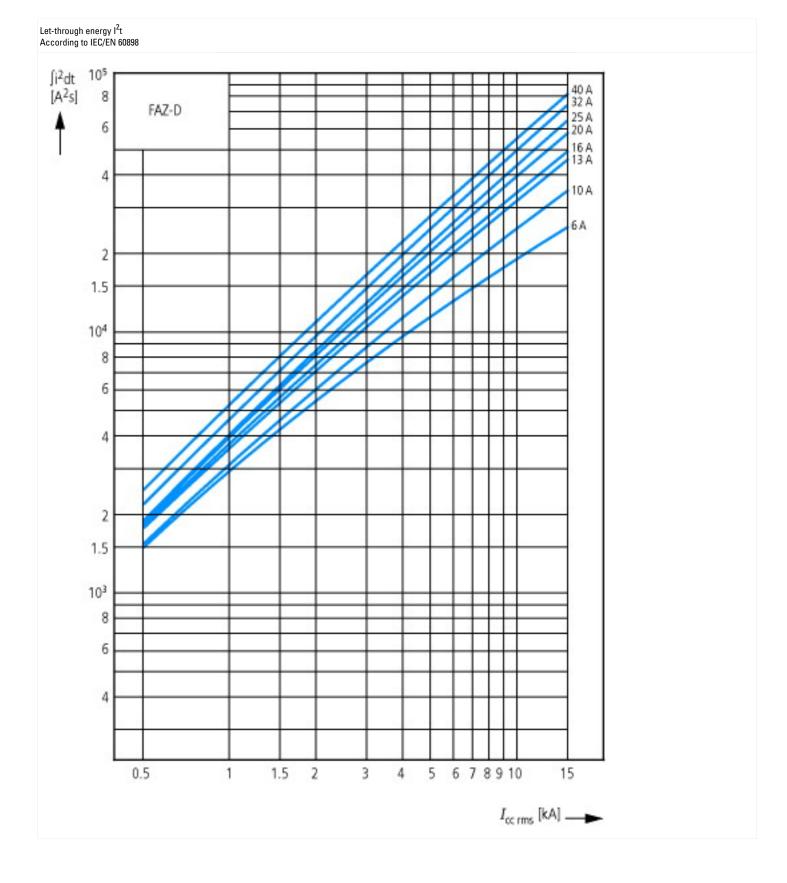
Rated short-circuit breaking capacity Icu IEC 60947-2 at 400 V Voltage type	kA	15 AC	
Voltage type Current limiting class		AC 3	
Frequency Concurrently switching N-neutral	Hz	50 - 60 No	
Suitable for flush-mounted installation		No	
Over voltage category Pollution degree		3	
Width in number of modular spacings		1	
Built-in depth	mm	70.5	

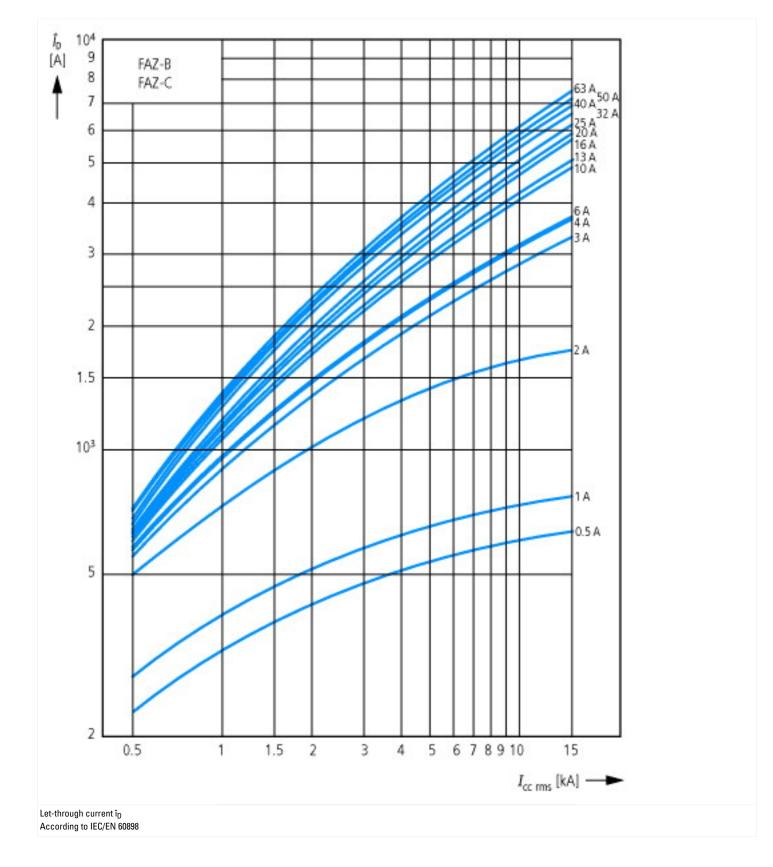
Approvals

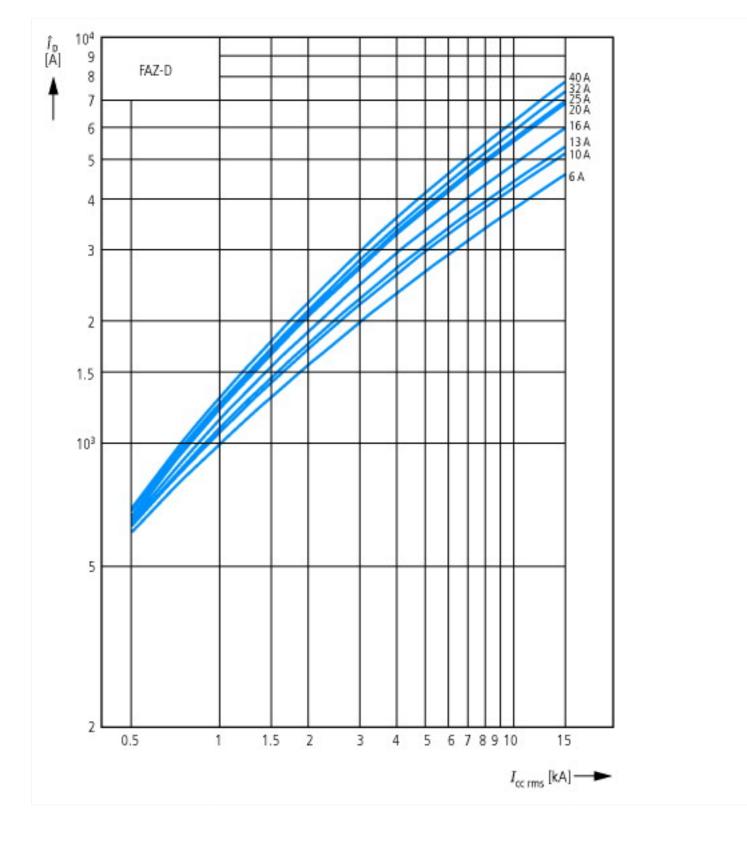
- PP	
Product Standards	IEC/EN 60947-2; IEC/EN 60898; UL 1077; CSA-C22.2 No. 235; CE marking
UL File No.	E177451
UL Category Control No.	QVNU2, QVNU8
CSA File No.	204453
CSA Class No.	3215-30
North America Certification	UL recognized, CSA certified
Conditions of Acceptability	Supplementary Protector 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: -

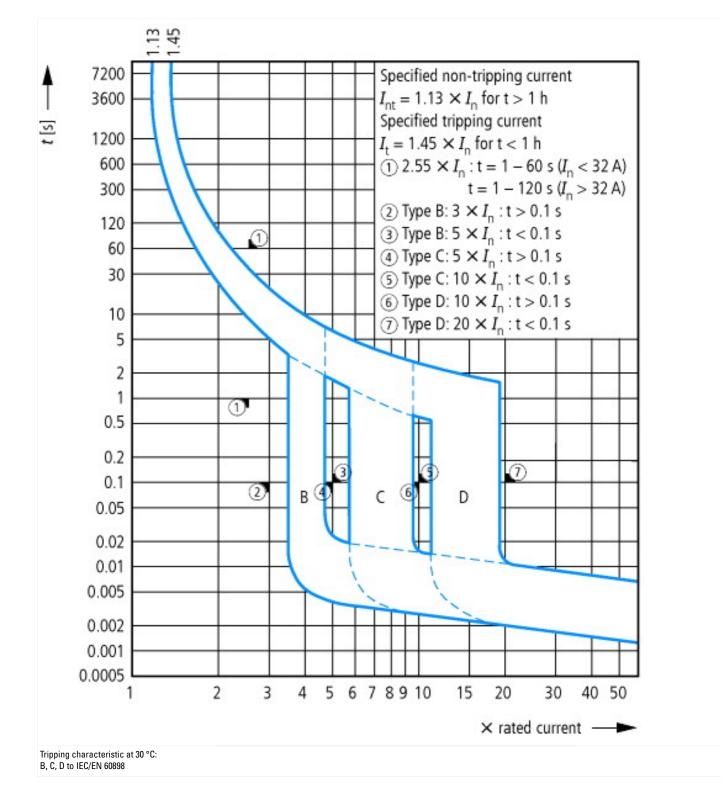
Characteristics



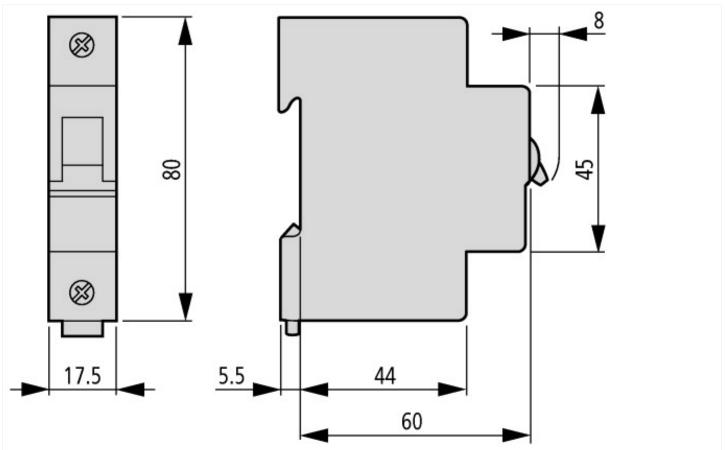








Dimensions



Additional product information (links)

AWA1220-1755 Circiut-breaker

AWA1220-1755 Circiut-breaker

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