



FAZT-B15/2 240828 FAZT-B15/2



Similar to illustration

Delivery program			
Basic function			Miniature circuit breakers
Number of poles			2 pole
Tripping characteristic			В
Application			Switchgear for industrial and advanced commercial applications
Rated current	In	А	15
Rated switching capacity acc. to IEC/EN 60947-2		kA	25
Product range			FAZ-T

Technical data

Standards Feed VI FC/R 06947-2 Ated voltage 204015 Ated voltage 7 240415 Ated frequency F 30/0 Ated switching capacity F 30 Characteristic Operations S Lifespan Operations se required Direction of incoming supply S se required Acchanical se required S Standard fort dimension Mon 9 S Advoluting width per pole Mon S S Mounting width per pole Mon S S S Referencial for training for top-that rail IEC/EN 60715 IPO IPO IPO Referencial for the pole Mon S S IPO IPO Referencial for the pole Mon S IPO IPO IPO IPO IPO IPO IPO IPO IPO IPO IPO IPO IPO IPO IPO				
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Arade frequery Hz Hz Mode Rade desvicting capacity KA 50 Characteristic KA 60 Lifespan Operations 800 Direction of incoming supply Perations sequired Archanical Image: Sequired sequired Archanical Image: Sequired Sequired Mounting width per pole Image: Sequired Sequired Mounting width per pole Image: Sequired Sequired Derection of Incoming supply Image: Sequired Sequired Mounting width per pole Image: Sequired Sequired Mounting width per pole Image: Sequired Sequired Derection Image: Sequired Sequired Reference Image: Sequired Sequired Image: Sequired	Standards			IEC/EN 60947-2
Aardad switching capacity KA Same service of incoming supply Same service of incoming service of incoming supply Same service of incoming service of incom	Rated voltage		V	240/415
Characteristic B, D, D Characteristic B, C, D Lifespan Operations 2000 Direction of incoming supply as required Acchanical mm 45 Standard front dimension mm 80 Enclosure height mm 1.5 Mounting width per pole Mm 1.5 Pagee of Protection P20 Inclosure terminals for top-hat rail IEC/EN 60715 Ferminal stop and bottom Ferminal capacities Fightening torque Ifightening torque Mm 1.25	Rated frequency	f	Hz	50/60
And departing precision of incoming supply Acchanical Operations Operations Sequired Acchanical sequired sequired Acchanical mm 45 Standard front dimension mm 80 Colosure height mm 80 Mounting width per pole mm 1.5 Mounting Munting Supply Munting Degree of Protection Munting Munting Supply Ferminal stop and bottom Munting Munting Ferminal capacities mm ² Tof Fightening torque Munting Munting	Rated switching capacity		kA	25
Direction of incoming supply is required Acchanical is required Standard front dimension mm 45 inclosure height mm 80 Mounting width per pole mm 15 Outroing mm 12 Degree of Protection mm 12 Ferminal top and bottom mm 12 Ferminal capacities mm ² 12 Fightening torque Mm 2.4	Characteristic			B, C, D
Machanical Machanical Standard front dimension mm \$ Enclosure height mm \$ Mounting width per pole mm \$ Mounting Mm \$ Degree of Protection mm \$ Ferminal stop and bottom Mm \$ Ferminal capacities Mm \$ Fightening torque Mm \$ Standard front dimension Mm \$ Standard front dimension Mm \$ Mounting width per pole Mm \$ \$ Mounting Mm \$ \$ \$ Degree of Protection Mm \$ \$ \$ Ferminal stop and bottom Mm \$<	Lifespan	Operations		20000
Standard front dimension mm 45 Enclosure height mm 80 Mounting width per pole mm 1.5 Mounting Mounting Mm 1.2 Degree of Protection Mm 120 120 Ferminal stop and bottom Mm 120 120 Ferminal protection Mm 1.2 1.2 Ferminal capacities Mm 2.2.4 2.4	Direction of incoming supply			as required
Index Index Botomic state Mounting width per pole Image: State Manage: State 1.5 Mounting Marce Marce Marce Marce Degree of Protection Image: State Marce Marce Marce Ferminals top and bottom Image: State Marce Marce Marce Ferminal capacities Image: State Marce Marce Marce Fightening torque Image: State Marce Marce Marce	Mechanical			
Mounting width per pole mm 17.5 Mounting Degree of Protection Degree of Protection Degree of Protection Ferminals top and bottom Eerminal capacities Twin-purpose terminals Ferminal capacities mm² 1.25 Fightening torque Nm 2.2.4	Standard front dimension		mm	45
Mounting Quick attachment with 3 latch positions for top-hat rail IEC/EN 60715 Degree of Protection IP20 Terminal protection Twin-purpose terminals Ferminal capacities mm² 1 - 25 Fightening torque Nm 2 - 2.4	Enclosure height		mm	80
Degree of Protection Image: Degree of Protection	Mounting width per pole		mm	17.5
Ferminal stop and bottom Twin-purpose terminals Ferminal protection Imm ² Ferminal capacities Imm ² Fightening torque Imm ²	Mounting			Quick attachment with 3 latch positions for top-hat rail IEC/EN 60715
Ferminal capacities Mm 2 - 2.4	Degree of Protection			IP20
Ferminal capacities mm ² 1 - 25 Fightening torque Nm 2 - 2.4	Terminals top and bottom			Twin-purpose terminals
Fightening torque Nm 2 - 2.4	Terminal protection			Finger- and back-of-hand proof according to BGV A3 and ÖVE-EN 6
	Terminal capacities		mm ²	1 - 25
Thickness of busbar material mm 0.8 (exept N 0.5 SU)	Tightening torque		Nm	2 - 2.4
	Thickness of busbar material		mm	0.8 (exept N 0.5 SU)
Mounting position As required	Mounting position			As required

Design verification as per IEC/EN 61439

Technical data for design verification			
Rated operational current for specified heat dissipation	I _n	А	15
Heat dissipation per pole, current-dependent	P _{vid}	W	0
Equipment heat dissipation, current-dependent	P _{vid}	W	4.4
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
IEC/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.

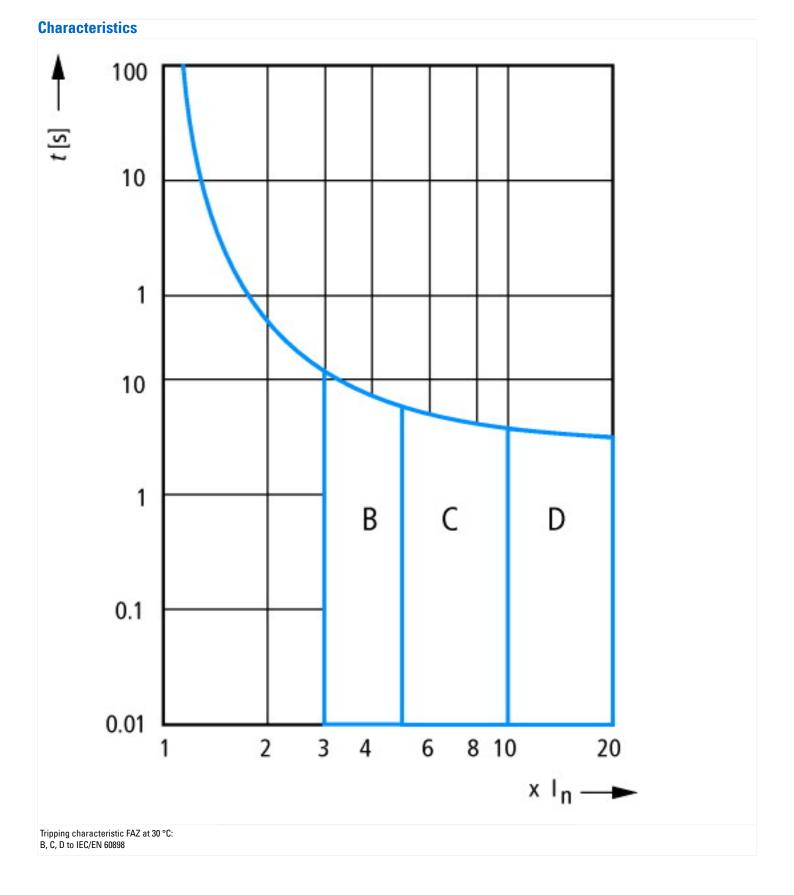
10.2.3.2 Verification of resistance of insulating materials to normal heat	Meets the product standard's requirements.
10.2.3.3 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric effects	Meets the product standard's requirements.
10.2.4 Resistance to 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 be observed.
10.12 Electromagnetic compatibility	Is the panel builder's responsibility. The specifications for the switchgear must be 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])
Release characteristic B

Release characteristic		В
Number of poles (total)		2
Number of protected poles		2
Nominal rated current	А	15
Nominal rated voltage	V	230
Rated short-circuit breaking capacity Icn EN 60898 at 230 V	kA	A 15
Rated short-circuit breaking capacity Icn EN 60898 at 400 V	kA	A 15
Rated short-circuit breaking capacity Icu IEC 60947-2 at 230 V	kA	25
Rated short-circuit breaking capacity Icu IEC 60947-2 at 400 V	kA	25
Voltage type		AC
Current limiting class		3
Frequency	Hz	z 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		2
Built-in depth	mm	m 70.5
Additional equipment possible		Yes
Degree of protection (IP)		IP20



Dimensions

