



FAZT-D10/2 240869 FAZT-D10/2



Similar to illustration

		Miniature circuit breakers
		2 pole
		D
		Switchgear for industrial and advanced commercial applications
In	А	10
	kA	25
		FAZ-T
	In state	

Technical data

Standards Image:				
Note Note <th< th=""><th>Electrical</th><th></th><th></th><th></th></th<>	Electrical			
Add frequery File Hz 5/6 Rated switching capacity F KA 5 characteristic 0 F 6 6 0	Standards			IEC/EN 60947-2
Kated switching capacity KA Scalar activity KA Scalar activity	Rated voltage		V	240/415
Characteristic Find	Rated frequency	f	Hz	50/60
Interction of incoming supply Operations Interception Acchanical srequired Acchanical mm 4 Standard front dimension mm 5 Acchanical mm 15 Acchanical mm 10 Acchanical mm 15 Acchanical mm 10 Acchanical mm 15 Acchanical mm 10	Rated switching capacity		kA	25
Direction of incoming supply is required Acchanical mm 4s Standard front dimension mm 4s inclosure height mm 0s Mounting width per pole mm 1.5 Degree of Protection mm 1.5 Ferminals top and bottom Mounting 1.92 Ferminal capacities mm ² 1.25 Tightening torque Mm 1.25	Characteristic			B, C, D
Mechanical mm 45 Standard front dimension mm 45 Enclosure height mm 80 Mounting width per pole mm 1.5 Mounting Mounting Mounting Degree of Protection Mounting Mounting Ferminal stop and bottom Mounting IP20 Ferminal capacities mm ² Twin-purpose terminals Fightening torque Mm ² Standard protection	Lifespan	Operations		20000
Standard front dimension mm 45 School of the registion mm 80 Mounting width per pole mm 1.5 Mounting Mounting Mm 1.5 Mounting Mm 1.5 1.5 Mounting width per pole Mm 1.5 1.5 Mounting Mm Mm 1.5 1.5 Mounting width per pole Mm Mm 1.5 Mounting width per pole Mm Mm 1.5 Marrier Mm 1.5 1.5	Direction of incoming supply			as required
Inclosure height Inm Bol Aounting width per pole mm 1.5 Mounting Mm 1.5 Aounting Mm 1.2 Degree of Protection Mm 1.2 Terminals top and bottom Mm Mm Terminal capacities Mm 1.2 Terminal capacities Mm 1.2	Mechanical			
Augunting width per pole mm 1.5 Augunting Augunting Inck attachment with 3 latch positions for top-hat rail IEC/EN 60715 Degree of Protection Inck attachment with 3 latch positions for top-hat rail IEC/EN 60715 Ferminals top and bottom Imm File Ferminal capacities Imm File Fightening torque Imm Scale Fightening torque Imm Scale	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 Terminal capacities mm² Tightening torque Nm 2 - 2.4	Enclosure height		mm	80
Degree of Protection Image: Marcine Stream of	Mounting width per pole		mm	17.5
Ferminals top and bottom Ferminal protection Ferminal pr	Mounting			Quick attachment with 3 latch positions for top-hat rail IEC/EN 60715
Terminal protection Terminal capacities Terminal capacit	Degree of Protection			IP20
Terminal capacities mm ² 1 - 25 Tightening torque Nm 2 - 2.4	Terminals top and bottom			Twin-purpose terminals
ightening 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	10
Heat dissipation per pole, current-dependent	P _{vid}	W	0
Equipment heat dissipation, current-dependent	P _{vid}	W	3
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.

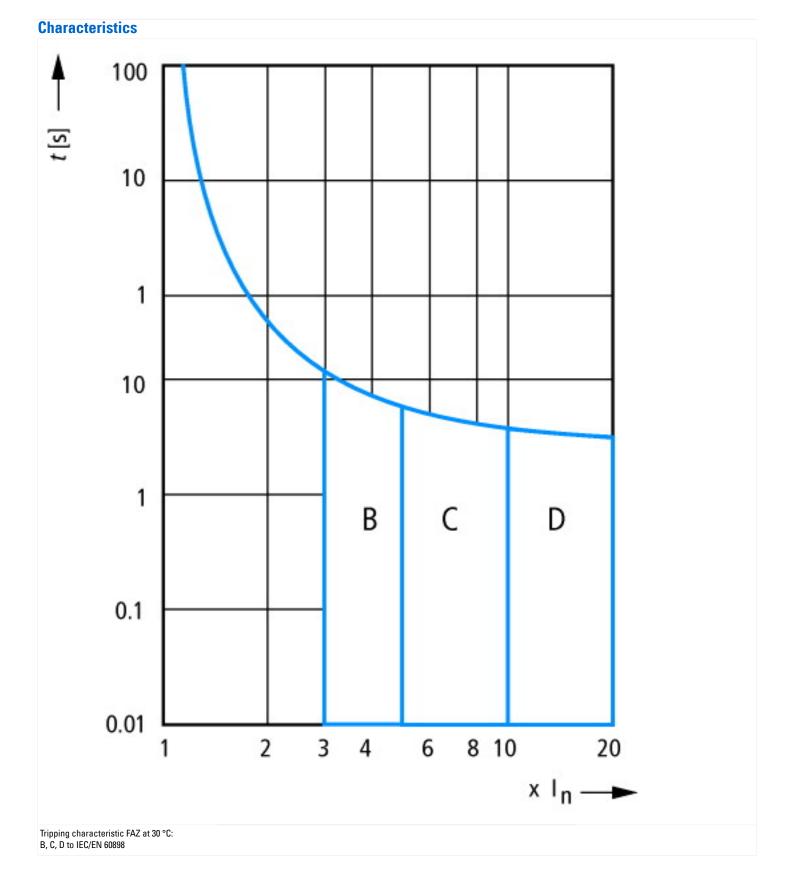
10.2.3.2 Verification of resistance of insulating materials to normal heat	Meets the product standard's requirements.
10.2.3.3 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric effects	Meets the product standard's requirements.
10.2.4 Resistance to 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 D

Release characteristic			D
Number of poles (total)			2
Number of protected poles			2
Nominal rated current	ŀ	4	10
Nominal rated voltage	١	V	230
Rated short-circuit breaking capacity Icn EN 60898 at 230 V	k	κA	15
Rated short-circuit breaking capacity Icn EN 60898 at 400 V	k	κA	15
Rated short-circuit breaking capacity Icu IEC 60947-2 at 230 V	k	κA	25
Rated short-circuit breaking capacity Icu IEC 60947-2 at 400 V	k	κA	25
Voltage type			AC
Current limiting class			3
Frequency	ł	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			2
Built-in depth	r	nm	70.5
Additional equipment possible			Yes
Degree of protection (IP)			IP20



Dimensions

