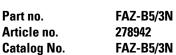


Over current switch, 5A, 3pole+N, type B characteristic



FAT•N Powering Business Worldwide[™]

Similar to illustration

)elivery program			
Basic function			Miniature circuit breakers
lumber of poles			3 pole+N
ripping characteristic			В
Application			Switchgear for industrial and advanced commercial applications
Rated current	In	А	5
Rated switching capacity acc. to IEC/EN 60947-2		kA	15
Product range			FAZ
echnical data			
lectrical			
Rated switching capacity acc. to IEC/EN 60947-2		kA	15
Design verification of per IEC/EN 61/20			
Design verification as per IEC/EN 61439			
echnical data for design verification	1	٨	
Rated operational current for specified heat dissipation	I _n	A	5
Heat dissipation per pole, current-dependent	P _{vid}	W	0
Equipment heat dissipation, current-dependent	P _{vid}	W	6
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
EC/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.

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ar must be

Equipment heat dissipation, current-dependent Ped W 6 Static heat dissipation, non-current-dependent Ped W 0 Identifies sipation, non-current-dependent Pede W 0 Operating ambient temperature max. *C 4 0 Operating ambient temperature max. *C 5 0 102.52 Corresion resistance Inter. per +1 *C, results in a D5% reduction of current carrying capacity Meets the product standard's requirements. 102.51 Verification of tensistance of insulating materials to normal heat and fire due to internal electric effects Meets the product standard's requirements. 102.51 Verification of tensistance of insulating materials to abnormal heat and fire due to internal electric effects Meets the product standard's requirements. 102.52 Verification of tensistance of insulating materials to abnormal heat and fire due to internal electric effects Meets the product standard's requirements. 102.52 Mechanical impact Weets the product standard's requirements. Desonat apply, since the entire switchgear needs to be avaluated. 103.20 perise of protection of ASSEMBUES Meets the product standard's requirements. Desonat apply, since the entire switchgear needs to be avaluated. 103.10 retrorion of switching duvices and comproments		Heat dissipation per pole, current-dependent	P _{vid}	W	0
Heat dissipation capacityPdissWOperating ambient temperature min.°C40Operating ambient temperature max.°C40Temperature max.°C75Temperature max.°C75Text (1459) design verificationText (1459) design verification of current carrying capacity102.2 Corrosion resistanceText (1459) design verification of resistance of insulating materials to normal heat and fire due to internal electric effectsMeets the product standard's requirements.102.3.1 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric effectsMeets the product standard's requirements.102.3.2 LeftingDoes not apply, since the entire switchgear needs to be evaluated.102.2 LiftingDoes not apply, since the entire switchgear needs to be evaluated.10.2 SolutionsDoes not apply, since the entire switchgear needs to be evaluated.10.2 TheoriptionsDoes not apply, since the entire switchgear needs to be evaluated.10.2 TheoriptionsDoes not apply, since the entire switchgear needs to be evaluated.10.2 TheoriptionsDoes not apply, since the entire switchgear needs to be evaluated.10.2 TheoriptionsDoes not apply, since the entire switchgear needs to be evaluated.10.2 Internal electrical circuits and connectionsDoes not apply, since the entire switchgear needs to be evaluated.10.3 Internal electrical circuits and connectionsTemperature is exponsibility.10.4 Clearances and creepage distancesTemperature is exponsibility.10.5 Protection against electric abockDoes not app		Equipment heat dissipation, current-dependent	P _{vid}	W	6
Name Name <th< td=""><td></td><td>Static heat dissipation, non-current-dependent</td><td>P_{vs}</td><td>W</td><td>0</td></th<>		Static heat dissipation, non-current-dependent	P _{vs}	W	0
Construction Construction<		Heat dissipation capacity	P _{diss}	W	0
Interaction Interaction <thinteraction< th=""> <thinteraction< th=""></thinteraction<></thinteraction<>		Operating ambient temperature min.		°C	-40
IEC/EN 61439 design verification Image: Comparison resistance Image: Comparison resistance 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 abnormal heat and fire (ube to instranal electric effects Meets the product standard's requirements. 10.2.3.3 Verification of resistance of insulating materials to abnormal heat and fire (ube to instranal 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. 10.3.0 Begree 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 Meets the product standard's requirements. 10.8 Concections for external conductors Is the panel builder's responsibility. 10.9 Insulation properties		Operating ambient temperature max.		°C	75
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10.11 Short-circuit rating Is the panel builder's responsibility. The specifications for the switchgear		10.9.4 Testing of enclosures made of insulating material			Is the panel builder's responsibility.
		10.10 Temperature rise			
		10.11 Short-circuit rating			

12/18/2016

Is the panel builder's responsibility. The specifications for the switchgear must be observed.

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		В			
Number of poles (total)		4			
Number of protected poles		4			
Nominal rated current	А	5			
Nominal rated voltage	V	400			
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		Yes			
Suitable for flush-mounted installation		No			
Over voltage category		3			
Pollution degree		2			
Width in number of modular spacings		4			
Built-in depth	mm	70.5			
Additional equipment possible		Yes			
Degree of protection (IP)		IP20			