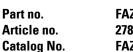


Over current switch, 5A, 3pole+N, type B characteristic



FAZ-B5/3N 278942 FAZ-B5/3N



Similar to illustration

Delivery program					
Basic function			Miniature circuit breakers		
Number of poles			3 pole+N		
Tripping characteristic			B		
Application			Switchgear for industrial and advanced commercial applications		
Rated current	I _n	A	5		
	'n	kA	15		
Rated switching capacity acc. to IEC/EN 60947-2 Product range		KA	FAZ		
riouuci range			FAL		
Technical data					
Electrical					
Rated switching capacity acc. to IEC/EN 60947-2		kA	15		
Design verification of new JEC/EN 61/20					
Design verification as per IEC/EN 61439					
Technical data for design verification					
Rated operational current for specified heat dissipation	l _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		
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 Tomporature rise			The panel builder is responsible for the temperature rise calculation. Exten will		

10.10 Temperature rise

10.11 Short-circuit rating

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observed.

The panel builder is responsible for the temperature rise calculation. Eaton will

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

provide heat dissipation data for the devices.

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. $\label{eq:leaflet}$

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@ss8.1-27-14-19-07 [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	n 70.5			
Additional equipment possible		Yes			
Degree of protection (IP)		IP20			