

Over current switch, 0.25A, 2p, type C characteristic



FAZ-C0,25/2 278742 FAZ-C0.25/2



Similar to illustration

elivery program			
asic function			Miniature circuit breakers
umber of poles			2 pole
ripping characteristic			C
pplication			Switchgear for industrial and advanced commercial applications
ated current	l _n	А	0.25
ated switching capacity acc. to IEC/EN 60947-2		kA	15
roduct range			FAZ
echnical data			
lectrical		kA	15
ated switching capacity acc. to IEC/EN 60947-2		KA	13
esign verification as per IEC/EN 61439			
echnical data for design verification			
Rated operational current for specified heat dissipation	In	A	0.25
Heat dissipation per pole, current-dependent	P _{vid}	W	0
Equipment heat dissipation, current-dependent	P _{vid}	W	4
Static heat dissipation, non-current-dependent	P _{vs}	W	0
Heat dissipation capacity	P _{diss}	W	0
Operating ambient temperature min.	' diss	°C	-40
Operating ambient temperature max.		°C	75
operating another temperature max.		U	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			
			Is the panel builder's responsibility.
10.9.2 Power-frequency electric strength			
10.9.2 Power-frequency electric strength 10.9.3 Impulse withstand voltage			Is the panel builder's responsibility.
			Is the panel builder's responsibility. Is the panel builder's responsibility.

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) (en	@ss8.1-27-14-19-01
[AAB905011])	

Release characteristic C C Number of poles (total) C C Number of protected poles C C Red short-circuit breaking capacity Lot EC 60947-2 at 203 V C C Number of protected poles C C C C Numb				
Number of protected poles Image: Pole Pole Pole Pole Pole Pole Pole Pole	Release characteristic			C
Animal rated current A B A Description Nominal rated voltage V 40 40 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 400 V KA 10 Voltage type KA 10 Current limiting class KA 10 Current limiting class KA 10 Stable for flush-mounted installation KA 10 Nominal rated woltage KA 10 Voltage category KA 10 Noting category Sa 10 Noting category Sa 10 Noting category Sa 10 Notin number of modular	Number of poles (total)			2
Nominal rated voltage V 40 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 Icn EN 60898 at 400 V KA 10 Rated short-circuit breaking capacity Icn EC 60947-2 at 230 V KA 10 Voltage type KA 10 Voltage type KA 10 Current limiting class KA 10 Frequency KA 10 Concurrently switching N-neutral KA 10 Suitable for flush-mounted installation KA 10 Over voltage category KA 10 Pollution degree KA 10 With in number of modular spacings KA 10 Buil-in depth KA 10 Additional equipment possible KA 10	Number of protected poles			2
Rated short-circuit breaking capacity Icn EN 60898 at 230 V KA 0 Rated short-circuit breaking capacity Icn EN 60898 at 400 V KA 0 Rated short-circuit breaking capacity Icn EN 60998 at 400 V KA 5 Rated short-circuit breaking capacity Icn EN 60997-2 at 420 V KA 5 Voltage type KA 6 Voltage type KA 6 Current limiting class Frequency KA 5 Suitable for flush-mounted installation KA 6 6 Over voltage category Frequency No 6 6 Voltage type Si 5 6	Nominal rated current	A	۱.	0.25
Rated short-circuit breaking capacity Icu IEC 60987 at 400 V KA 0 Rated short-circuit breaking capacity Icu IEC 60947-2 at 230 V KA 5 Rated short-circuit breaking capacity Icu IEC 60947-2 at 400 V KA 5 Voltage type AC Current limiting class 5 Frequency Frequency So -60 No Suitable for flush-mounted installation MA 9 No Over voltage category So -60 So -60 So -60 Vidth in number of modular spacings So - 60 So - 60 So - 60 Additional equipment possible So - 60 So - 60 So - 60 So - 60 So - 60 So - 60 So - 60 So - 60 So - 60 So - 60 So - 60 So - 60 So - 60 So - 60 So - 60 So - 60 So - 60 So - 60 So - 60 So - 60 So - 60 So - 60 So - 60 So - 60 So - 60 So - 60 So - 60 So - 60 So - 60 So - 60 So - 60 So - 60 So - 60 So - 60 So - 60	Nominal rated voltage	V	/	400
Rated short-circuit breaking capacity lcu IEC 60947-2 at 230 V KA 15 Rated short-circuit breaking capacity lcu IEC 60947-2 at 400 V KA 15 Votage type AC 20 Current limiting class 3 3 Frequency Frequency 50-60 No Suitable for flush-mounted installation Frequency No No Over votage category Solon 3 Solon Solon Pollution degree Solon	Rated short-circuit breaking capacity Icn EN 60898 at 230 V	k/	A	10
Rated short-circuit breaking capacity Icu IEC 60947-2 at 400 V KA 15 Votage type AC 3 Current limiting class 50-60 60 Frequency Main No Suitable for flush-mounted installation Main No Over votage category Main Sile Sile Pollution degree Main Sile Sile Sile Built-in depth Main Sile	Rated short-circuit breaking capacity Icn EN 60898 at 400 V	k/	A	10
Voltage type AC Current limiting class 3 Frequency Hz 50-60 Concurrently switching N-neutral M No Suitable for flush-mounted installation M No Over voltage category M S Pollution degree M S Witch in number of modular spacings M S Built-in depth M S Additional equipment possible M S	Rated short-circuit breaking capacity Icu IEC 60947-2 at 230 V	k/	A	15
Current limiting class 3 Frequency Hz 50-60 Concurrently switching N-neutral Hz No Suitable for flush-mounted installation M M Over voltage category M M Pollution degree M M Width in number of modular spacings M M Built-in depth M M Aditional equipment possible M M	Rated short-circuit breaking capacity Icu IEC 60947-2 at 400 V	k/	A	15
Frequency Hz 50-60 Concurrently switching N-neutral Mo Mo Suitable for flush-mounted installation Mo Mo Over vottage category Mo Suitable for flush-mounted installation Mo Vidth in number of modular spacings Mo Suitable for flush-mounted installation Suitable for flush-mounted installation Mo Additional equipment possible Mo Suitable for flush-mounted installation	Voltage type			AC
Concurrently switching N-neutral No Suitable for flush-mounted installation Mo Over voltage category Mo Pollution degree 3 Width in number of modular spacings Mo Built-in depth mm Additional equipment possible Mo	Current limiting class			3
Suitable for flush-mounted installation Mo Over voltage category Mo Pollution degree J Width in number of modular spacings Mo Built-in depth mm Additional equipment possible Mo	Frequency	H	lz	50 - 60
Over voltage category Image: Constraint of the constra	Concurrently switching N-neutral			No
Pollution degree Constraint of the second	Suitable for flush-mounted installation			No
Width in number of modular spacingsModelModel2Built-in depthmm70.5Additional equipment possibleModelYes	Over voltage category			3
Built-in depth mm 70.5 Additional equipment possible Yes	Pollution degree			2
Additional equipment possible Yes	Width in number of modular spacings			2
	Built-in depth	m	nm	70.5
Degree of protection (IP) IP20	Additional equipment possible			Yes
	Degree of protection (IP)			IP20

Approvals

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	480Y/277 VAC; 96 VDC
Degree of Protection	IEC: IP20; UL/CSA Type: -