## **DATASHEET - FAZ-D2,5/3N**



## Miniature circuit breaker (MCB), 2, 5A, 3Np, D-Char, AC

Powering Business Worldwide\*

Part no. FAZ-D2,5/3N Catalog No. 278987
Eaton Catalog No. FAZ-D2.5/3N EL-Nummer 0001691210 (Norway)

Similar to illustration

## **Technical data Electrical**

Rated switching capacity acc. to IEC/EN 60947-2 I<sub>cu</sub> kA 15

Rated operational current for specified heat dissipation   In	Design verification as per IEC/EN 61439			
Heat dissipation per pole, current-dependent P <sub>vd</sub> W 3 Static heat dissipation, current-dependent P <sub>vd</sub> W 3 Static heat dissipation, current-dependent P <sub>vd</sub> W 0 Heat dissipation apacity P <sub>des</sub> W 0 Departing ambient temperature min. C C 40 Operating ambient temperature max. C 7 Similary per +1 °C, results in a 0.5% reduction of current carrying capacity  EC/EN 61439 design verification  10.2.2 Strength of materials and parts 10.2.2 Corresion resistance 10.2.3 I Verification of thermal stability of enclosures 10.2.3 Everification of resistance of insulating materials to abnormal heat and fire due to internal electric effects 10.2.4 Everification of resistance of insulating materials to abnormal heat and fire due to internal electric effects 10.2.5 Itimg 10.2.6 Skechanical impact 10.2.7 Itimg 10.2.6 Mechanical impact 10.2.7 Itimg 10.2.6 Skechanical impact 10.2.7 Itimg 10.2.6 Skechanical impact 10.2.7 Itimg 10.2.6 Skechanical impact 10.2.7 Internal electric effects 10.3 Degree of protection of ASSEMBLIES 10.4 Protection against electric shock 10.5 Protection against electric shock 10.6 Internal electric circuits and connections 10.8 Incorporation of switching devices and components 10.9 Internal electric circuits and connections 10.9 Internal electric circuits a	Technical data for design verification			
Equipment heat dissipation, conzent-dependent Pous W 0  Static heat dissipation, non-current-dependent Pous W 0  Operating ambient temperature min. C 40  Operating ambient temperature max. C 75  Innear, per +1 °C, results in a 0.5% reduction of current carrying capacity  ECEN 61439 design verification  10.2 Strength of materials and parts  10.2.2 Corrosion resistance  10.2.3 Verification of thermal stability of enclosures  10.2.3 Verification of resistance of insulating materials to abnormal heat and fire due internal electric effects  10.2.4 Resistance to ultra-violet (UV) radiation  10.2.5 Lifting  10.2.5 Edectromagnetic and creates and components  10.3.0 agerse of protection of ASSEMBLIES  10.3.1 verification of systems of switching devices and components  10.3.1 verification of systems of switching devices and components  10.3.1 verification of resistance to ultra-violet (UV) radiation  10.2.5 Lifting  10.2.6 Mechanical impact  10.3.7 Inscriptions  10.3 Degree of protection of ASSEMBLIES  10.3 Degree of protection of ASSEMBLIES  10.3 Degree of protection of ASSEMBLIES  10.3 Degree of protection of devices and components  10.3 Insulation properties  10.4 Life panel builder's responsibility.  10.5 Insulation properties  10.5 Insulation properties  10.6 Insulation properties  10.7 Internal electrical circuits and connections  10.8 Edectromagnetic compatibility  10.9 Insulation properties  10.1 Insulation properties  10.3 Insulation properties  10.4 Feature prop	Rated operational current for specified heat dissipation	In	Α	2.5
Static heat dissipation, non-current-dependent  Heat dissipation capacity  Pdiss  W  0  Operating ambient temperature min.  Operating ambient temperature max.  **C  75  Innear, 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  10.2.3 Verification of materials and parts  10.2.2 Verification of thermal stability of enclosures  10.2.3 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric effects  10.2.3 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric effects  10.2.4 Resistance to ultra-violet (UV) radiation  10.2.5 Ithing  10.2.6 Mechanical impact  10.2.7 Inscriptions  10.3 Degree of protection of ASSEMBELIES  10.4 Clearances and creepage distances  10.5 Intiminated of responsibility.  10.6 Clearances and creepage distances  10.5 Internal electrical circuits and connections  10.5 Internal electri	Heat dissipation per pole, current-dependent	P <sub>vid</sub>	W	0
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	10.12 Electromagnetic compatibility			Is the panel builder's responsibility. The specifications for the switchgear must b observed.
	10.13 Mechanical function			

## **Technical data ETIM 7.0**

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@ss10.0.1-27-14-19-01 [AAB905014])

Release characteristic		D
Number of poles (total)		4
Number of protected poles		3
Rated current	Α	2.5
Rated voltage	V	400
Rated insulation voltage Ui	V	440
Rated impulse withstand voltage Uimp	kV	4
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
Frequency	Hz	50 - 60
Current limiting class		3
Suitable for flush-mounted installation		No
Concurrently switching N-neutral		Yes
Over voltage category		3
Pollution degree		2
Additional equipment possible		Yes
Width in number of modular spacings		4
Built-in depth	mm	70.5
Degree of protection (IP)		IP20
Ambient temperature during operating	°C	-25 - 75
Connectable conductor cross section multi-wired	mm²	1 - 25
Connectable conductor cross section solid-core	mm²	1 - 25