DATASHEET - FAZ-D50/3



Miniature circuit breaker (MCB), 50A, 3p, type D characteristic

Powering Business Worldwide

Part no. **FAZ-D50/3** 115374 Catalog No. **Alternate Catalog FAZ-D50/3**

EL-Nummer 0001691203

(Norway)

Similar to illustration

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110	IIVATV	nrnnram
		program

solivery program				
Basic function			Miniature circuit-breakers	
Number of poles			3 pole	
Tripping characteristic			D	
Application			Switchgear for industrial and advanced commercial applications	
Rated current	In	Α	50	
Rated switching capacity acc. to IEC/EN 60947-2	I _{cu}	kA	10	
Product range			FAZ	

Technical data

Electrical

Standards			IEC/EN 60947-2 IEC/EN 60898
Rated operational voltage	U _e	V	
	U _e	V AC	240/415
Rated switching capacity acc. to IEC/EN 60947-2		kA	10

Design verification as per IEC/EN 61439

Technical data for design verification			
Rated operational current for specified heat dissipation		Α	50
Heat dissipation per pole, current-dependent	P _{vid}	W	0
Equipment heat dissipation, current-dependent	P _{vid}	W	14.6
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	70
			linear, per +1 °C, results in a 0.5% reduction of current carrying capacity

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)			3	
Number of protected poles			3	
Rated current		Α	50	
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	10	
Rated short-circuit breaking capacity Icu IEC 60947-2 at 400 V		kA	10	
Voltage type			AC	
Frequency		Hz	50 - 60	

Current limiting class			3
Suitable for flush-mounted installation			No
Concurrently switching N-neutral			No
Over voltage category			3
Pollution degree			2
Additional equipment possible			Yes
Width in number of modular spacings			3
Built-in depth	1	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	1	mm²	1 - 25