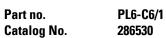
DATASHEET - PL6-C6/1

Miniature circuit breaker (MCB), 6 A, 1p, characteristic: C



EATON Powering Business Worldwide"

Similar to illustration

		Miniature circuit-breakers
		1 pole
		C
		Switchgear for residential and commercial applications
In	A	6
I _{cn}	kA	6
		PL6
I _{cn}	kA	6
l _n	A	6
P _{vid}	W	0
	W	1.5
		0
		0
• diss		-25
		75
	0	linear, per +1 °C, results in a 0.5% reduction of current carrying capacity
		Meets the product standard's requirements.
		Meets the product standard's requirements.
		Meets the product standard's requirements.
		Meets the product standard's requirements.
		Meets the product standard's requirements.
		Does not apply, since the entire switchgear needs to be evaluated.
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		Meets the product standard's requirements.
		Does not apply, since the entire switchgear needs to be evaluated.
		Meets the product standard's requirements.
		Does not apply, since the entire switchgear needs to be evaluated.
		Does not apply, since the entire switchgear needs to be evaluated.
		Is the panel builder's responsibility.
		Is the panel builder's responsibility.
		Is the panel builder's responsibility.
		Is the panel builder's responsibility.
		Is the panel builder's responsibility.
		The panel builder is responsible for the temperature rise calculation. Eaton wil provide heat dissipation data for the devices.
		provide heat dissipation data for the devices.
	I _{cn}	Icn KA Icn KA Icn KA In A Pvid W Pvs W

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 8.0

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])					
Built-in depth		mm	70.5		
Release characteristic			C		
Number of poles (total)			1		
Number of protected poles			1		
Rated current		А	6		
Rated voltage		V	230		
Rated insulation voltage Ui		V	440		
Rated impulse withstand voltage Uimp		kV	4		
Rated short-circuit breaking capacity Icn according to EN 60898 at 230 V		kA	6		
Voltage type			AC		
Rated short-circuit breaking capacity Icn according to EN 60898 at 400 V		kA	6		
Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V $$		kA	0		
Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V $$		kA	0		
Frequency		Hz	50 - 60		
Current limiting class			3		
Flush-mounted installation			No		
Concurrently switching neutral conductor			No		
Over voltage category			3		
Pollution degree			2		
Additional equipment possible			Yes		
Width in number of modular spacings			1		
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		
Explosion-proof			No		