DATASHEET - PLGC4-C20/1N



Similar to illustration

Miniature circuit breaker (MCB) with plug-in terminal, 20 A, 1p+N, characteristic: C

Powering Business Worldwide

Part no.	**PLGC4-C20/1N**
Catalog No.	**109131**

Design verification as per IEC/EN 61439

Technical data for design verification			
Rated operational current for specified heat dissipation	I_n	A	20
Heat dissipation per pole, current-dependent	P_{vid}	W	0
Static heat dissipation, non-current-dependent	P_{vs}	W	0
Heat dissipation capacity	P_{diss}	W	0
Operating ambient temperature min.		°C	-25
Operating ambient temperature max.		°C	75
			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			C
Number of poles (total)			2
Number of protected poles			1
Rated current		A	20
Rated voltage		V	230
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	4.5
Rated short-circuit breaking capacity Icn EN 60898 at 400 V		kA	4.5
Rated short-circuit breaking capacity Icu IEC 60947-2 at 230 V		kA	6
Rated short-circuit breaking capacity Icu IEC 60947-2 at 400 V		kA	6
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			1
Built-in depth		mm	70.5
Degree of protection (IP)			IP20
Ambient temperature during operating		°C	-25 - 75
Connectable conductor cross section multi-wired		mm^2	1 - 4
Connectable conductor cross section solid-core		mm^2	1 - 2.5

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