

Miniature circuit breaker (MCB), 10 A, 1p+N, characteristic: C

Part no. **PLN4-C10/1N-DE**
 Catalog No. **263298**



Similar to illustration

Design verification as per IEC/EN 61439

Technical data for design verification			
Rated operational current for specified heat dissipation	I_n	A	10
Heat dissipation per pole, current-dependent	P_{vid}	W	0
Equipment heat dissipation, current-dependent	P_{vid}	W	2.2
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 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) (ecI@ss8.1-27-14-19-01 [AAB905011])

Release characteristic		C
Number of poles (total)		2
Number of protected poles		1
Nominal rated current	A	10
Nominal rated voltage	V	230
Rated short-circuit breaking capacity I_{cn} EN 60898 at 230 V	kA	4.5
Rated short-circuit breaking capacity I_{cn} EN 60898 at 400 V	kA	4.5
Rated short-circuit breaking capacity I_{cu} IEC 60947-2 at 230 V	kA	0
Rated short-circuit breaking capacity I_{cu} IEC 60947-2 at 400 V	kA	0
Voltage type		AC
Current limiting class		3
Frequency	Hz	50 - 60
Concurrently switching N-neutral		Yes
Suitable for flush-mounted installation		No
Over voltage category		3
Pollution degree		2
Width in number of modular spacings		1
Built-in depth	mm	70.5
Additional equipment possible		Yes
Degree of protection (IP)		IP20