DATASHEET - HN-C10/1N

Miniature Circuit breaker 1N-pole C-char 10-A



Part no. Catalog No. HN-C10/1N 194849



Delivery program

Basic function			Miniature circuit-breakers
Number of poles			1 pole+N
Tripping characteristic			C
Application			Switchgear for residential and commercial applications
Rated current	In	А	10
Rated switching capacity according to IEC/EN 60898-1	I _{cn}	kA	6
Product range			HN

Technical data

Electrical

Rated switching capacity according to IEC/EN 60898-1	I _{cn}	kA	6

Design verification as per IEC/EN 61439

In	А	10
P _{vid}	W	0
P _{vid}	W	1.7
P _{vs}	W	0
P _{diss}	W	0
	°C	-25
	°C	75
		linear, per +1 °C, results in a 0.5% reduction of current carrying capacity
		Meets the product standard's requirements.
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		Does not apply, since the entire switchgear needs to be evaluated.
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		Is the panel builder's responsibility.
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		The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices.
		Is the panel builder's responsibility. The specifications for the switchgear must be observed.
	P _{vid} P _{vid} P _{vs}	P _{vid} W P _{vid} W P _{vs} W P _{diss} W °C

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The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.

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	А		10	
Rated voltage	V		230	
Rated insulation voltage Ui	V		440	
Rated impulse withstand voltage Uimp	k۱	V	4	
Rated short-circuit breaking capacity Icn EN 60898 at 230 V	k/	A	6	
Rated short-circuit breaking capacity Icn EN 60898 at 400 V	k/	A	6	
Rated short-circuit breaking capacity Icu IEC 60947-2 at 230 V	k/	A	0	
Rated short-circuit breaking capacity Icu IEC 60947-2 at 400 V	k/	A	0	
Voltage type			AC	
Frequency	Ha	z	50 - 60	
Current limiting class			3	
Suitable for flush-mounted installation			Yes	
Concurrently switching N-neutral			Yes	
Over voltage category			3	
Pollution degree			3	
Additional equipment possible			Yes	
Width in number of modular spacings			2	
Built-in depth	m	ım	44	
Degree of protection (IP)			IP20	
Ambient temperature during operating	°C	С	-25 - 75	
Connectable conductor cross section multi-wired	m	1m²	1 - 25	
Connectable conductor cross section solid-core	m	nm²	1 - 25	