DATASHEET - PLHT-B100/3



Miniature circuit breaker (MCB), 100A, 3p, B-Char, AC





Delivery program

provide heat dissipation data for the devices.	Derivery program			
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	10.11 Short-circuit rating			Is the panel builder's responsibility. The specifications for the switchgear must be observed.

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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		В			
Number of poles (total)		3			
Number of protected poles		3			
Rated current	А	100			
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	0			
Rated short-circuit breaking capacity Icn EN 60898 at 400 V	kA	0			
Rated short-circuit breaking capacity Icu IEC 60947-2 at 230 V	kA	20			
Rated short-circuit breaking capacity Icu IEC 60947-2 at 400 V	kA	20			
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		4.5			
Built-in depth	mm	69.5			
Degree of protection (IP)		IP20			
Ambient temperature during operating	°C	-25 - 55			
Connectable conductor cross section multi-wired	mm²	2.5 - 50			
Connectable conductor cross section solid-core	mm²	2.5 - 50			