

Over current switch, 40A, 3p, B-Char, AC

PLHT-B40/3 Part no. Article no. 248027



Delivery program

Basic function			Miniature circuit breakers
Number of poles			3 pole
Tripping characteristic			В
Application			Switchgear for industrial and advanced commercial applications
Rated current	In	Α	40
Rated switching capacity acc. to IEC/EN 60947-2		kA	25
Product range			PLHT

Technical data

Electrical

Rated operational current for specified heat dissipation Heat dissipation per pole, current-dependent Peul W 4.4 Static heat dissipation, current-dependent Peul W 4.4 Static heat dissipation, current-dependent Peul W 6.5 Static heat dissipation, current-dependent Peul W 6.5 Operating ambient temporature min. 10.2 Strength of materials and parts 10.2.2 Corrosion resistance 10.2.2 Corrosion resistance 10.2.2 Verification of thermal stability of enclosures 10.2.3 Uverification of resistance of insulating materials to normal heat and fire due to internal electric effects 10.2.4 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric effects 10.2.5 Insertition of resistance of insulating materials to abnormal heat and fire due to internal electric effects 10.2.5 Insertition of resistance of insulating materials to abnormal heat and fire due to internal electric effects 10.2.5 Insertition of resistance of insulating materials to abnormal heat and fire due to internal electric effects 10.2.5 Insertition of resistance of insulating materials to abnormal heat and fire due to internal electric effects 10.2.5 Insertition of resistance of insulating materials to abnormal heat and fire due to internal electric effects 10.2.5 Insertition of resistance of insulating materials to abnormal heat and fire due to internal electric effects 10.2.5 Insertition of resistance of insulating materials to abnormal heat and fire due to internal electric effects 10.2.5 Insertition of resistance of insulating materials to abnormal heat and fire due to internal electric effects 10.2.5 Insertition of resistance of insulating materials to be available. 10.2.6 Insertition of resistance of insulating materials to be available. 10.2.7 Insertition of protection of ASSEMBLIES 10.2.8 Insertition against electric shock 10.3 Insulation properties 10.3 Insulation p	Design verification as per IEC/EN 61439			
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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	10.10 Temperature rise			
observed. 10.13 Mechanical function The device meets the requirements, provided the information in the instruction	10.11 Short-circuit rating			Is the panel builder's responsibility. The specifications for the switch gear must be observed. $\label{eq:specifications}$
	10.12 Electromagnetic compatibility			Is the panel builder's responsibility. The specifications for the switch gear must be observed. $\label{eq:specification}$
	10.13 Mechanical function			

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) (ecl@ss8.1-27-14-19-01 [AAB905011])

[AAD303011])		
Release characteristic		В
Number of poles (total)		3
Number of protected poles		3
Nominal rated current	Α	40
Nominal rated voltage	V	400
Rated short-circuit breaking capacity Icn EN 60898 at 230 V	kA	25
Rated short-circuit breaking capacity Icn EN 60898 at 400 V	kA	25
Rated short-circuit breaking capacity Icu IEC 60947-2 at 230 V	kA	0
Rated short-circuit breaking capacity Icu IEC 60947-2 at 400 V	kA	0
Voltage type		AC
Current limiting class		3
Frequency	Hz	50 - 60
Concurrently switching N-neutral		No
Suitable for flush-mounted installation		No
Over voltage category		3
Pollution degree		2
Width in number of modular spacings		4.5
Built-in depth	mm	75
Additional equipment possible		Yes
Degree of protection (IP)		IP20