

PL6-C25/3

286603



Similar to illustration

Delivery program				
Basic function			Miniature circuit-breakers	
Number of poles			3 pole	
Tripping characteristic			C	
Application			Switchgear for residential and commercial applications	
Rated current	In	Α	25	
Rated switching capacity according to IEC/EN 60898-1		kA	6	
Product range			PL6	

Design verification as per IEC/EN 61439

Part no. Catalog No.

Technical data for design verification			
Rated operational current for specified heat dissipation	I _n	А	25
Heat dissipation per pole, current-dependent	P _{vid}	W	0
Equipment heat dissipation, current-dependent	P _{vid}	W	9.4
Static heat dissipation, non-current-dependent	P _{vs}	W	0
Heat dissipation capacity	P _{diss}	W	0
Operating ambient temperature max.		°C	-25
Operating ambient temperature max.		°C	75
			linear, per +1 °C, results in a 0.5% reduction of current carrying capacity

linear, per +1 °C, results in a 0.5% reduction of current carrying capacity
Meets the product standard's requirements.
Does not apply, since the entire switchgear needs to be evaluated.
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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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Is the panel builder's responsibility.
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.
Is the panel builder's responsibility. The specifications for the switchgear must be observed.
The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.

Technical data ETIM 6.0

Circuit breakers and fuses (EG000020) / Miniature circuit breaker (MCB) (EC000042)

Release characteristic Number of poles (total) Number of nototected poles Number of poles (total) Number of nototected poles Number of nototected Number of	Circuit breakers and fuses (EG000020) / Miniature circuit breaker (MCB) (EC000042)		
Number of poles (total) Image: space of poles (total) Image: s	Electric engineering, automation, process control engineering / Electrical installatio [AAB905011])	on, device / Miniature	circuit breaker system (MCB) / Miniature circuit breaker (MCB) (ecl@ss8.1-27-14-19-01
Number of protected poles Nominal rated current Nominal rated current Nominal rated voltage Nominal rated voltage Nominal rated voltage Rated short-circuit breaking capacity Icn EN 60898 at 230 V Rated short-circuit breaking capacity Icn EN 60997 at 230 V Rated short-circuit breaking capacity Icn EN 60997 at 230 V Rated short-circuit breaking capacity Icn EN 60997 at 230 V Rated short-circuit breaking capacity Icn EN 60997 at 230 V Rated short-circuit breaking capacity Icn EN 60997 at 230 V Rated short-circuit breaking capacity Icn EN 60997	Release characteristic		C
Anominal rated current A S Nominal rated voltage V 400 Rated short-circuit breaking capacity Icn EN 60898 at 230 V KA 6 Rated short-circuit breaking capacity Icn EN 60898 at 400 V KA 6 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 0 Voltage type KA 0 0 Voltage type KA 0 0 Current limiting class T S S Frequency KA S S S Concurrently switching N-neutral KA S<	Number of poles (total)		3
Nominal rated voltage V 400 Rated short-circuit breaking capacity Icn EN 60898 at 230 V KA 6 Rated short-circuit breaking capacity Icn EN 60898 at 230 V KA 6 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 0 Rated short-circuit breaking capacity Icu IEC 60947-2 at 400 V KA 0 Voltage type KA 0 Concortentiniting class Current limiting class KA 0 Concortentity switching N-neutral No Sutable for flush-mounted installation KA No No Over voltage category KA No No Pollution degree KA No No Widt hin number of modular spacings KA No No Built-in depth Ma No No No	Number of protected poles		3
Rated short-circuit breaking capacity Icn EN 60898 at 230 V KA 6 Rated short-circuit breaking capacity Icn EN 60898 at 400 V KA 6 Rated short-circuit breaking capacity Icn EC 60947-2 at 230 V KA 0 Rated short-circuit breaking capacity Icu IEC 60947-2 at 400 V KA 0 Voltage type Corrent limiting class KA 0 Frequency KA 50-60 60 Suitable for flush-mounted installation KA 50-60 60 Over voltage category KA 50-60 60 Pollution degree KA 50-60 60 With in number of modular spacings KA 50-60 60 Built-in depth KA 50-60 60 60 KA Sold Sold Sold Sold Sold Sold Sold Sold	Nominal rated current	А	25
Rated short-circuit breaking capacity Icn EN 60898 at 400 V KA 6 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 MA 0 Voltage type KA 0 Current limiting class S S Frequency KA 0 Suitable for flush-mounted installation MA 0 Over voltage category S S Pollution degree MA S With in number of modular spacings MA MA Built-in depth MA MA Additional equipment possible MA S	Nominal rated voltage	V	400
Rated short-circuit breaking capacity lcu IEC 60947-2 at 230 V KA 0 Rated short-circuit breaking capacity lcu IEC 60947-2 at 400 V KA 0 Voltage type AC AC Current limiting class Frequency So - 60 Concurrently switching N-neutral MA No Suitable for flush-mounted installation MA No Over voltage category MA So - 60 Pollution degree MA So - 60 Width in number of modular spacings MA So - 60 Built-in depth Management Management Mathematical action Management Management Width in number of modular spacings Management Management Built-in depth Management Management Mathematical action Management Management	Rated short-circuit breaking capacity Icn EN 60898 at 230 V	kA	6
Rated short-circuit breaking capacity lcu IEC 60947-2 at 400 V KA 0 Voltage type AC Current limiting class 3 Frequency Hz 50-60 Concurrently switching N-neutral Mo No Suitable for flush-mounted installation Mo No Over voltage category Mo Suitable for flush-mounted installation Width in number of modular spacings Manual Manua Manual Manual Manual Manual Manual Manual Ma	Rated short-circuit breaking capacity Icn EN 60898 at 400 V	kA	6
Voltage type AC Current limiting class 3 Frequency Hz 5-60 Concurrently switching N-neutral M No Suitable for flush-mounted installation M No Over voltage category M Suitable for flush-mounted installation Suitable for flush-mounted installation With in number of modular spacings M Suitable for flush-mounted installation Suitable for flush-mounted installation Built-in depth M M Suitable for flush-mounted installation Suitable for flush-mounted installation Over voltage category M Suitable for flush-mounted installation Suitable for flush-mounted installation Built-in depth M M Suitable for flush-mounted installation Suitable for flush-mounted installation Width in number of modular spacings M M Suitable for flush-mounted installation Built-in depth M M M Suitable for flush-mounted installation Suitable for flush-mounted installation M M Suitable for flush-mounted installation Suitable for flush-mounted installation M M Suitable for flush-mounted installation	Rated short-circuit breaking capacity Icu IEC 60947-2 at 230 V	kA	0
Current limiting class 3 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 mm Built-in depth mm Additional equipment possible So	Rated short-circuit breaking capacity Icu IEC 60947-2 at 400 V	kA	0
Frequency Hz 50-60 Concurrently switching N-neutral Mail No Suitable for flush-mounted installation Mail No Over voltage category Mail Sail Pollution degree Mail Sail Width in number of modular spacings Mail Sail Built-in depth Mail Sail Additional equipment possible Mail Yes	Voltage type		AC
Concurrently switching N-neutralNoSuitable for flush-mounted installationNoOver voltage category3Pollution degree2Width in number of modular spacingsMmmBuilt-in depthmmAdditional equipment possibleSoland	Current limiting class		3
Suitable for flush-mounted installation No Over voltage category 3 Pollution degree 2 Width in number of modular spacings 6 Built-in depth mm Additional equipment possible 6	Frequency	Hz	50 - 60
Over voltage category 3 Pollution degree 2 Width in number of modular spacings 3 Built-in depth mm Additional equipment possible S	Concurrently switching N-neutral		No
Pollution degree 2 Width in number of modular spacings 0 Built-in depth 0 Additional equipment possible 0	Suitable for flush-mounted installation		No
Width in number of modular spacings mm 3 Built-in depth mm 70.5 Additional equipment possible Model and	Over voltage category		3
Built-in depth mm 70.5 Additional equipment possible Ves	Pollution degree		2
Additional equipment possible Yes	Width in number of modular spacings		3
	Built-in depth	mm	70.5
Degree of protection (IP) IP20	Additional equipment possible		Yes
	Degree of protection (IP)		IP20