## DATASHEET - PLSM-C1/3-MW







PLSM-C1/3-MW 242459

1609191

EL-Nummer (Norway)

Part no. Catalog No.

Similar to illustration

asic function           asic function         Miniature circuit-breakers         Miniature circuit-breakers           umber of poles         3 pole         3 pole           ipping characteristic         Switchgear for residential and commercial applications         Switchgear for residential and commercial applications           ated current         In         A         1           ated switching capacity according to IEC/EN 60898-1         Io         Io           roduct range         Io         Io         Io           rectrical         Io         Io         Io           sectorical         Io         Io         Io           sectorical data         Io         Io         Io           sectorical data for design verification as per IEC/EN 60898-1         Ion         Io           Rated operational current for specified heat dissipation         Ion         Ion         Ion           Rated operational current for specified heat dissipation         Ion         Ion         Ion           Rate dissipation, non-current-dependent         Pvid         W         Ion         Ion           Static heat dissipation, non-current-dependent         Pvid         W         Ion         Ion           Heat dissipation non-current-dependent         Pvid         W         Ion         Ion <th>Delivery program</th> <th></th> <th></th> <th></th>	Delivery program			
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International description of the CPL NetWeek International Sector				
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10.9 Insulation properties       Image: Constraint of the panel builder's responsibility.         10.9.2 Power-frequency electric strength       Image: Constraint of the panel builder's responsibility.         10.9.3 Impulse withstand voltage       Is the panel builder's responsibility.         10.9.4 Testing of enclosures made of insulating material       Image: Constraint of the panel builder's responsibility.         10.10 Temperature rise       Image: Constraint of the temperature rise calculation. Eaton will	10.7 Internal electrical circuits and connections			Is the panel builder's responsibility.
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10.10 Temperature rise The panel builder is responsible for the temperature rise calculation. Eaton will	10.9.3 Impulse withstand voltage			Is the panel builder's responsibility.
	10.9.4 Testing of enclosures made of insulating material			Is the panel builder's responsibility.
	10.10 Temperature rise			

10.11 Short-circuit rating	Is the panel builder's responsibility. The specifications for the switchgear must be 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 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, d (ecl@ss10.0.1-27-14-19-01 [AAB905014])	evice / Miniature ci	rcuit breaker system (MCB) / Miniature circuit breaker (MCB)
Release characteristic		C
Number of poles (total)		3
Number of protected poles		3
Rated current	А	1
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	10
Rated short-circuit breaking capacity Icn EN 60898 at 400 V	kA	10
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
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		3
Built-in depth	mm	70.5
Degree of protection (IP)		IP20
Ambient temperature during operating	°C	-25 - 75
Connectable conductor cross section multi-wired	mm²	1 - 25
Connectable conductor cross section solid-core	mm²	1 - 25