Miniature circuit breaker (MCB), 13 A, 1p, characteristic: B



Part no. PLSM-B13-MW

242178

EL Number 1609102

(Norway)

(Norway)	
General specifications	
Product name	Eaton Moeller series xPole - PLS6/M MCB
Part no.	PLSM-B13-MW
EAN	4015082421786
Product Length/Depth	80 millimetre
Product height	75 millimetre
Product width	17.5 millimetre
Product weight	0.104 kilogram
Compliances	RoHS conform
Product Tradename	xPole - PLS6/M
Product Type	MCB
Product Sub Type	None
Delivery program	
Application	Switchgear for residential and commercial applications xPole - Switchgear for residential and commercial applications
Number of poles	Single-pole
Number of poles (total)	1
Number of poles (protected)	1
Tripping characteristic	В
Release characteristic	В
Amperage Rating	13 A
Туре	Miniature circuit breaker PLSM
Technical Data - Electrical	
Voltage type	AC
Rated operational voltage (Ue) - max	230 V
Rated insulation voltage (Ui)	440 V
Rated impulse withstand voltage (Uimp)	4 kV
Frequency rating - min	50 Hz
Frequency rating - max	60 Hz
Rated switching capacity (IEC/EN 60898-1)	10 kA
Rated short-circuit breaking capacity (EN 60898) at 230 V	10 kA
Rated short-circuit breaking capacity (EN 60898) at 400 V	10 kA
Rated short-circuit breaking capacity (IEC 60947-2) at 230 V	0 kA
Rated short-circuit breaking capacity (IEC 60947-2) at 400 V	0 kA
Overvoltage category	III
Pollution degree	2
Technical Data - Mechanical	
Width in number of modular spacings	1
Built-in depth	70.5 mm
Degree of protection	IP20
Connectable conductor cross section (solid-core) - min	1 mm ²
Connectable conductor cross section (solid-core) - max	25 mm ²
Connectable conductor cross section (multi-wired) - min	1 mm ²
Connectable conductor cross section (multi-wired) - max	25 mm ²
Design verification as per IEC/EN 61439 - technical data	
Rated operational current for specified heat dissipation (In)	13 A
Heat dissipation per pole, current-dependent	0 W

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10.9.2 Power-frequency electric strength 10.9.3 Impulse withstand voltage 10.9.4 Testing of enclosures made of insulating material 10.10 Temperature rise 10.11 Short-circuit rating 10.12 Electromagnetic compatibility 10.13 Mechanical function 10.13 Mechanical function Current limiting class Special features Special features Special features Is the panel builder's responsibility. 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. In the device meets the requirements, provided the information in the instruction leaflet (IL) is observed. Additional equipment possible Ambient temperature hint: a 1 °C increase results in a 0.5% linear reduction of current carrying capacity PLSM	10.7 Internal electrical circuits and connections	Is the panel builder's responsibility.
10.9.3 Impulse withstand voltage 10.9.4 Testing of enclosures made of insulating material 10.10 Temperature rise 10.11 Short-circuit rating 10.12 Electromagnetic compatibility 10.13 Mechanical function 10.13 Mechanical function Current limiting class Features Special features Used with Is the panel builder's responsibility. The specifications for the switchgear must be observed. Additional information Is the panel builder's responsibility. The specifications for the switchgear must be observed. Additional equipment possible Ambient temperature hint: a 1 °C increase results in a 0.5% linear reduction of current carrying capacity PLSM	10.8 Connections for external conductors	Is the panel builder's responsibility.
10.9.4 Testing of enclosures made of insulating material 10.10 Temperature rise 10.11 Short-circuit rating 10.12 Electromagnetic compatibility 10.13 Mechanical function 10.13 Mechanical function Current limiting class Features Additional equipment possible Special features 10.9.4 Testing of enclosures made of insulating material 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. Additional equipment possible Additional equipment possible Special features Additional equipment possible Ambient temperature hint: a 1 °C increase results in a 0.5% linear reduction of current carrying capacity PLSM	10.9.2 Power-frequency electric strength	Is the panel builder's responsibility.
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Special features Ambient temperature hint: a 1 °C increase results in a 0.5% linear reduction of current carrying capacity Used with PLSM	Current limiting class	3
Used with Current carrying capacity PLSM	Features	Additional equipment possible
	Special features	
	Used with	

Technical data ETIM 9.0

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@ss13-27-14-19-01 [AAB905019])

[AAD303013])		
Built-in depth	mm	70.5
Release characteristic		В
Number of poles (total)		1
Number of protected poles		1
Rated current	А	13
Rated voltage	V	230
Rated insulation voltage Ui	V	440
Rated impulse withstand voltage Uimp	kV	4
Rated short-circuit breaking capacity Icn according to EN 60898 at 230 V	kA	10
Voltage type		AC
Rated short-circuit breaking capacity Icn according to EN 60898 at 400 V	kA	10
Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V	kA	0
Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V $$	kA	0
Frequency	Hz	50 - 60
Power loss	W	2.5

Current limiting class		3
Flush-mounted installation		No
Concurrently switching neutral conductor		No
Over voltage category		3
Pollution degree		2
Additional equipment possible		Yes
Width in number of modular spacings		1
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
Explosion-proof		No