

Miniature circuit breaker (MCB), 63 A, 3p, characteristic: D

Part no. **PLS6-D63/3**
113407

General specifications		
Product name		Eaton Moeller series xPole - PLS6/M MCB
Part no.		PLS6-D63/3
EAN		4015081129522
Product Length/Depth		85 millimetre
Product height		73 millimetre
Product width		52.5 millimetre
Product weight		0.36 kilogram
Compliances		RoHS conform
Product Tradename		xPole - PLS6/M
Product Type		MCB
Product Sub Type		None
Delivery program		
Number of poles (total)		3
Number of poles (protected)		3
Release characteristic		D
Amperage Rating		63 A
Technical Data - Electrical		
Voltage type		AC
Rated operational voltage (Ue) - max		400 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 short-circuit breaking capacity (EN 60898) at 230 V		6 kA
Rated short-circuit breaking capacity (EN 60898) at 400 V		6 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		3
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)		63 A
Heat dissipation per pole, current-dependent		0 W
Static heat dissipation, non-current-dependent		0 W
Heat dissipation capacity		0 W
Ambient operating temperature - min		-25 °C
Ambient operating temperature - max		75 °C
Additional information		
Current limiting class		3
Features		Additional equipment possible

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) (ecI@ss13-27-14-19-01 [AAB905019])		
Built-in depth	mm	70.5
Release characteristic		D
Number of poles (total)		3
Number of protected poles		3
Rated current	A	63
Rated voltage	V	400
Rated insulation voltage U_i	V	440
Rated impulse withstand voltage U_{imp}	kV	4
Rated short-circuit breaking capacity I_{cn} according to EN 60898 at 230 V	kA	6
Voltage type		AC
Rated short-circuit breaking capacity I_{cn} according to EN 60898 at 400 V	kA	6
Rated short-circuit breaking capacity I_{cu} according to IEC 60947-2 at 230 V	kA	0
Rated short-circuit breaking capacity I_{cu} according to IEC 60947-2 at 400 V	kA	0
Frequency	Hz	50 - 60
Power loss	W	16.6
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		3
Degree of protection (IP)		IP20
Ambient temperature during operating	°C	-25 - 75
Connectable conductor cross section multi-wired	mm ²	1 - 25
Connectable conductor cross section solid-core	mm ²	1 - 25
Explosion-proof		No