Miniature circuit breaker (MCB), 63 A, 3p+N, characteristic: B



Part no. HN-B63/3N 194907

roduct name	Eaton Moeller series xPole Home - HN/HN-HX MCB
Part no.	HN-B63/3N
EAN	9010238063914
Product Length/Depth	85 millimetre
Product height	73 millimetre
Product width	70.8 millimetre
Product weight	0.456 kilogram
Compliances	RoHS conform
Product Tradename	xPole Home - HN/HN-HX
Product Type	MCB
Product Sub Type	None
Globally Marketable	Yes
· ·	
Application	Switchgear for residential and commercial applications xPole Home - Switchgear for residential applications
Number of poles	Three-pole + N
Number of poles (total)	4
Number of poles (protected)	3
Tripping characteristic	В
Release characteristic	В
Amperage Rating	63 A
Гуре	HN Minister and signature
	Miniature circuit breaker
la Harra tura	AC
/oltage type Rated operational voltage (Ue) - max	AC 230 V
	440 V
Rated insulation voltage (Ui)	
Rated impulse withstand voltage (Uimp) Frequency rating - min	4 kV 50 Hz
	60 Hz
Frequency rating - max Rated switching capacity (IEC/EN 60898-1)	
	6 kA
Rated short-circuit breaking capacity (EN 60898) at 230 V Rated short-circuit breaking capacity (EN 60898) at 400 V	6 kA
	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	
Pollution degree	3
Nidth in number of modular spacings	4
Built-in depth	44 mm
Degree of protection	IP20
Degree or protection Connectable conductor cross section (solid-core) - min	1 mm²
connectable conductor cross section (solid-core) - min	25 mm ²
connectable conductor cross section (solid-core) - max Connectable conductor cross section (multi-wired) - min	25 mm ⁻
Connectable conductor cross section (multi-wired) - max	25 mm ²
ated apprational current for appairing best dissipation (II-)	62 /
Rated operational current for specified heat dissipation (In)	63 A
Heat dissipation per pole, current-dependent	0 W

Heat dissipation capacity Ambient operating temperature - min Ambient operating temperature - max Ambient operating temperature - max Ambient operating temperature - max 10.2.3 Corrosion resistance 10.2.3 Verification of thermal stability of enclosures 10.2.3 Verification of thermal stability of enclosures 10.2.3 Verification of resistance of insulating materials to normal heat 10.2.3 Sheshst of insul. mat to abhoramle heat/file by internal elect. effects 10.2.3 Sheshst of insul. mat to abhoramle heat/file by internal elect. effects 10.2.5 Mechanical import 10.2.5	Static heat dissipation, non-current-dependent	0 W
Ambient operating temperature - max 10.2.2 Corrosion resistance 10.2.3.1 Verification of thermal stability of enclosures 10.2.3.2 Verification of thermal stability of enclosures 10.2.3.2 Verification of thermal stability of enclosures 10.2.3.3 Resist. of insul. mat. to abnormal heat fire by internal elect. effects 10.2.4.8 esistance to ultra-violet (UV) radiation 10.2.5 Lifting 10.2.5 Lifting 10.2.6 Mechanical impact 10.2.6 Mechanical impact 10.2.7 Inscriptions 10.3 Does not a pply, since the entire switchpear needs to be evaluated. 10.2.7 Inscriptions 10.3 Does not a pply, since the entire switchpear needs to be evaluated. 10.3 Protection against electric shock 10.4 Clearances and creepage distances 10.5 Protection against electric shock 10.6 Incorporation of switching devices and components 10.7 Inscriptions 10.8 Connections for external conductors 10.8 Connections for external conductors 10.8 Incorporation of switching devices and components 10.8 Incorporation of switching devices and components 10.8 Connections for external conductors 10.8 Incorporation of switching devices and components 10.9 Inscriptions 10.9 Inscriptions 10.9 Inscriptions 10.9 Inscriptions 10.1 Inscriptions 10.2 Power-frequency electric strength 10.3 Inspired virtistand voltage 10.4 Clearance and creepage distances 10.5 Inspired be entire switchpear needs to be evaluated. 10.6 Inspired be entire switchpear needs to be evaluated. 10.8 Connections for external conductors 10.9 Inspired be entire switchpear needs to be evaluated. 10.1 Inspired be entire switchpear needs to be evaluated. 10.2 Power-frequency electric strength 10.3 Inspired be entire switchpear needs to be evaluated. 10.4 Esting of enclosures made of insulating material 10.1 Inspired be entire switchpear needs to be evaluated. 10.1 Inspired be entire switchpear needs to be evaluated. 10.1 Inspired be entire switchpear needs to be evaluated. 10.1 Inspired be entire switchpear needs to be evaluated. 10.1 Inspired be entire switchpear	Heat dissipation capacity	0 W
Meets the product standard's requirements.	Ambient operating temperature - min	-25 °C
10.2.3.1 Verification of thermal stability of enclosures Meets the product standard's requirements. 10.2.3.2 Verification of resistance of insulating materials to normal heat Meets the product standard's requirements. 10.2.3.4 Resistance to ultra-violet (UV) radiation Meets the product standard's requirements. 10.2.5 Lifting	Ambient operating temperature - max	75 °C
10.2.3.1 Verification of thermal stability of enclosures Meets the product standard's requirements. 10.2.3.2 Verification of resistance of insulating materials to normal heat Meets the product standard's requirements. 10.2.3.4 Resistance to ultra-violet (UV) radiation Meets the product standard's requirements. 10.2.5 Lifting		
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Suitable for Flush-mounted installation Used with Miniature circuit breaker	Features	
Used with Miniature circuit breaker	Special features	
	Suitable for	Flush-mounted installation
	Used with	Miniature circuit breaker HN

Technical data ETIM 8.0

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@ss10.0.1-27-14-19-01 [AAB905014])

Release characteristic Number of poles (total) Number of protected poles Rated current A 63 Rated voltage V 230 Rated insulation voltage Uimp Rated insulation voltage Uimp Rated short-circuit breaking capacity Icn according to EN 60898 at 230 V Voltage type Rated short-circuit breaking capacity Icn according to EN 60898 at 400 V Rated short-circuit breaking capacity Icn according to IEC 60947-2 at 230 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V	(CCI @ 3310.0.1 27 14 10 01 [MAD 303014])			
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Number of protected poles Rated current A 63 Rated voltage V 230 Rated insulation voltage Ui Rated insulation voltage Uimp Rated short-circuit breaking capacity Icn according to EN 60898 at 230 V Voltage type Rated short-circuit breaking capacity Icn according to EN 60898 at 400 V Rated short-circuit breaking capacity Icn according to IEC 60947-2 at 230 V Rated short-circuit breaking capacity Icn according to IEC 60947-2 at 400 V Rated short-circuit breaking capacity Icn according to IEC 60947-2 at 400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V	Release characteristic		I	В
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Rated voltage Rated insulation voltage Ui Rated impulse withstand voltage Uimp Rated short-circuit breaking capacity Icn according to EN 60898 at 230 V Voltage type Rated short-circuit breaking capacity Icn according to EN 60898 at 400 V Rated short-circuit breaking capacity Icn according to IEC 60947-2 at 230 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V	Number of protected poles		;	3
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 6 Voltage type AC Rated short-circuit breaking capacity Icn according to EN 60898 at 400 V kA 6 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	Rated current	Α		63
Rated impulse withstand voltage Uimp kV 4 Rated short-circuit breaking capacity Icn according to EN 60898 at 230 V kA 6 Voltage type Rated short-circuit breaking capacity Icn according to EN 60898 at 400 V kA 6 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	Rated voltage	V	:	230
Rated short-circuit breaking capacity Icn according to EN 60898 at 230 V	Rated insulation voltage Ui	V	4	440
Voltage type AC Rated short-circuit breaking capacity Icn according to EN 60898 at 400 V kA 6 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	Rated impulse withstand voltage Uimp	kV		4
Rated short-circuit breaking capacity Icn according to EN 60898 at 400 V kA 6 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	Rated short-circuit breaking capacity Icn according to EN 60898 at 230 V	kA		6
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	Voltage type			AC
Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V kA 0	Rated short-circuit breaking capacity Icn according to EN 60898 at 400 V	kA		6
	Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V	kA		0
Frequency Hz 50 - 60	Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V	kA		0
	Frequency	Hz		50 - 60

Current limiting class		3
Flush-mounted installation		Yes
Concurrently switching neutral conductor		Yes
Over voltage category		3
Pollution degree		3
Additional equipment possible		Yes
Width in number of modular spacings		4
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