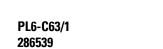
## DATASHEET - PL6-C63/1

Part no. Catalog No.

## Miniature circuit breaker (MCB), 63 A, 1p, characteristic: C





Similar to illustration

Number of polespolepoleTipoing threatersteinNotes are for residential and commercial applicationsRade currentNoNotes are for residential and commercial applicationsRade currentNoNoRade during capacity according to EQEV BODES1NoNoRade devicing capacity according to EQEV BODES1No<	Delivery program							
Impage characteristicImpact of the second secon	Basic function			Miniature circuit-breakers				
Application       Note of the second o	Number of poles			1 pole				
And current       In       A       B         Rand dwelding capacity according to IECEN 00088-1       Iven       NA       B         Preduct range       P       B       B         Chrinical data       Iven       NA       B         Electrical       Iven       NA       B         Electrical       Iven       NA       B         Electrical data       Iven       NA       B         Electrical       Iven       NA       B         Rated opernional current for specified heat dissipation       Iven       A       B         Rated opernional current for specified heat dissipation, on-current-dependent       Parage       W       B         Equipment hear fieldigation, current-dependent       Parage       W       B       B         Operating ambient temperature min.       -       7C       25       B <t< td=""><td>Tripping characteristic</td><td></td><td></td><td>С</td></t<>	Tripping characteristic			С				
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Product range     PLB       Electrical data     Image:	Rated current	I <sub>n</sub>	А	63				
Characterized       Image: Imag	Rated switching capacity according to IEC/EN 60898-1	I <sub>cn</sub>	kA	6				
Electrical spectra spectra for the EUREN 608941 in a spectra s	Product range			PL6				
Electrical spectra spectra for the EUREN 608941 in a spectra s								
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Equipment heat dissipation, current-dependent       Price       West       52         Static heat dissipation, non-current-dependent       Price       West       0         Heat dissipation capacity       Price       West       0         Operating ambient temperature max.       Price       PC       25         Operating ambient temperature max.       PC       75       Incar, per +1°C, results in a 0.5% reduction of current carrying capacity         EVEN 61439 design verification       Price       PC       Meets the product standard's requirements.         102.2 Corrosion resistance       Incar, per +1°C, results in a 0.5% reduction of current carrying capacity       Meets the product standard's requirements.         102.3.1 Verification of thermal stability of enclosures       Meets the product standard's requirements.       Meets the product standard's requirements.         102.3.2 Verification of resistance of insulating materials to abommal heat       Meets the product standard's requirements.       Meets the product standard's requirements.         102.3.2 Verification of resistance of insulating materials to abommal heat       Meets the product standard's requirements.       Meets the product standard's requirements.         102.4 Resistance to ultra-violet (UV) radiation       Meets the product standard's requirements.       Meets the product standard's requirements.         102.3								
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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 panel builder's responsibility.	10.7 Internal electrical circuits and connections			Is the panel builder's responsibility.				
10.9.2 Power-frequency electric strength     Is 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     Is the panel builder's responsibility.       10.10 Temperature rise     The panel builder is responsibile for the temperature rise calculation. Eaton will	10.8 Connections for external conductors			Is 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     Is the panel builder's responsibility.       10.10 Temperature rise     The panel builder is responsibile for the temperature rise calculation. Eaton will	10.9 Insulation properties							
10.9.4 Testing of enclosures made of insulating material     Is the panel builder's responsibility.       10.10 Temperature rise     The panel builder is responsible for the temperature rise calculation. Eaton will	10.9.2 Power-frequency electric strength			Is the panel builder's responsibility.				
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			The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices.				

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 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])					
Built-in depth	r	nm	70.5		
Release characteristic			C		
Number of poles (total)			1		
Number of protected poles			1		
Rated current	Ļ	4	63		
Rated voltage	١	V	230		
Rated insulation voltage Ui	١	V	440		
Rated impulse withstand voltage Uimp	k	٨V	4		
Rated short-circuit breaking capacity Icn according to EN 60898 at 230 V	k	κA	6		
Voltage type			AC		
Rated short-circuit breaking capacity Icn according to EN 60898 at 400 V $$	k	κA	6		
Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V	k	κA	0		
Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V $$	k	κA	0		
Frequency	ŀ	Hz	50 - 60		
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	o	°C	-25 - 75		
Connectable conductor cross section multi-wired	r	nm²	1 - 25		
Connectable conductor cross section solid-core	r	mm²	1 - 25		
Explosion-proof			No		