

Product sheet



RX³ LEGRAND

MCB RX3 4500A 3 pole 10A curve C

REF. 419706 | EAN. 3414970369000

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Product characteristics

- Breaking capacity 4500A according to IEC 60898 - 1 standard for household installations. Tripping threshold in case of short-circuit between 50A and 100A (C curve between 5 In and 10 In)
- Can be supplied either by copper cable or prong busbar (top side or bottom side).
- Protected against solid bodies larger than 12,5mm ("fingerproof") : IP20 according to IEC/EN 60529 standard. Maximum level of limitation of the let through energy (energy limitation class 3 according to IEC 60898 - 1 standard).
- This device complies with substance-restriction requirements and has been designed in an environmentally conscious process.

Recommendation / Restriction

- This product should be installed in compliance with installation rules, preferably by a qualified electrician. Incorrect installation and/or incorrect use can lead to risk of electric shock or fire. Before carrying out the installation, read the instructions and take account of the product's specific mounting location. Do not open up, dismantle, alter or modify the device except where specifically required to do so by the instructions. All Legrand products must be opened and repaired exclusively by personnel trained and approved by Legrand. Any unauthorised opening or repair completely cancels all liabilities and the rights to replacement and guarantees. Use only Legrand brand accessories.

Technical characteristics

Built-in depth	44 mm
Release characteristic	C
Number of poles (total)	3
Number of protected poles	3
Rated current	10 A
Rated voltage	400 V
Rated insulation voltage Ui	400 V
Rated impulse withstand voltage Uimp	4 kV
Rated short-circuit breaking capacity Icn according to EN 60898 at 230 V	6 kA

Additional equipment possible	No
Width in number of modular spacings	3
Degree of protection (IP)	IP20
Explosion-proof	No
Width	53.4 mm
Height	88.8 mm
Depth	77.3 mm
Degree of impact strength (IK)	IK04
Storage temperature	-25-60 °C
Nominal voltage	360-440 V

Voltage type	AC
Rated short-circuit breaking capacity I_{cn} according to EN 60898 at 400 V	4.5 kA
Rated short-circuit breaking capacity I_{cu} according to IEC 60947-2 at 230 V	6 kA
Rated short-circuit breaking capacity I_{cu} according to IEC 60947-2 at 400 V	4.5 kA
Frequency	50-60 Hz
Current limiting class	3
Flush-mounted installation	Yes
Concurrently switching neutral conductor	No
Pollution degree	2

Electric supplying direction	By the top or bottom
Terminal marking indication	No
Colour	Grey
RAL-number	7035
Halogen free	Yes
Connection type	Screwed terminal , Busbar and cable
Label space/information surface	No
Mounting method	DIN rail


Documentation

TECHNICAL DOCUMENTATION

 F01911FR-00.pdf | PDF (0.39Mo)

 F01911EN-01.pdf | PDF (0.38Mo)


CAD & Design specs / BIM

 419705.dwg | DWG (0.21Mo)

CATALOGUE PAGE & OTHERS

 ex223001_0053.pdf | PDF (0.09Mo)

Agreements & Certificates

 VDE-40044433 | (0.68Mo)

 VDE-40042042 | (0.5Mo)

 PEP_LGRP-00698-V02.01-EN_LG-419840.pdf | PDF (0.81Mo)