

INDUSTRIAL COMPONENT DATA

407675 LEGRAND MAGNET DX3 6/10 KA C 1P 50A

Brand: LEGRAND | Manufacturer Part Number: 407675



Manufacturer	LEGRAND
MPN / Reference	407675
Catalog number	407675
Category	Miniature circuit breaker (MCB)
Minimum order	1 Pcs
Document ID	EO-DAF5520D38
Generated	2026-08-03

Product Overview

MAGNET DX3 6/10 KA C 1P 50A
DX³ 6000A 1 Pole 50A MCB C Curve 10kA
DX³ 6000/10kA Circuit Breaker - 1P - 230/400V~ - 50A - C curve

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path	LEGRAND > TERTIARY CIRCUIT BREAKERS
--------------	-------------------------------------

Additional Product Information

Built-in depth 44 mm
Release characteristic C
Number of poles (total) 1
Number of protected poles 1
Rated current 50 A
Rated voltage 230 V
Rated insulation voltage U_i 500 V
Rated impulse withstand voltage U_{imp} 4 kV
Rated short-circuit breaking capacity I_{cn} according to EN 60898 at 230 V 6 kA
Voltage type AC
Rated short-circuit breaking capacity I_{cu} according to IEC 60947-2 at 230 V 10 kA
Frequency 50-60 Hz
Current limiting class 3
Flush-mounted installation Yes

Concurrently switching neutral conductor No
Pollution degree 2
Additional equipment possible Yes
Width in number of modular spacings 1
Degree of protection (IP) IP20
Ambient temperature during operating -25-70 °C
Connectable conductor cross section multi-wired 1.5-25 mm²
Connectable conductor cross section solid-core 1.5-35 mm²
Explosion-proof No
Width 17.8 mm
Height 94.8 mm
Depth 77.8 mm
degree of impact strength (IK) IK02
Storage temperature -40-70 °C
Electric supplying direction By the top or bottom
Colour Grey
RAL-number 7035
Halogen free Yes
Connection type Screwed terminal
Label space/information surface Yes
Mounting method DIN rail
ETIM for 407675 Circuit breakers and fuses (EC000042)
Feature Name
Feature Value
Explosion-proof (EF004663)
No
Connectable conductor cross section solid-core (EF007337)
1.5 mm²
Ambient temperature during operating (EF007515)
-25 °C
Degree of protection (IP) (EF005474)
IP20
Rated short-circuit breaking capacity I_{cn} according to EN 60898 at 230 V (EF009556)
6 kA
Concurrently switching....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send LEGRAND / 407675 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.