

INDUSTRIAL COMPONENT DATA

410166 LEGRAND MAGNET DX3 50kA C 3P 50A

Brand: LEGRAND | Manufacturer Part Number: 410166



Manufacturer	LEGRAND
MPN / Reference	410166
Catalog number	410166
Category	Miniature circuit breaker (MCB)
Minimum order	1 Pcs
Document ID	EO-D228BE9698
Generated	2026-07-31

Product Overview

MAGNET DX3 50kA C 3P 50A

MCB - DX³ - 50 kA - 3P 400 V~ - 50 A - C curveDX³ 50kA Circuit Breaker - 3P - 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 > INDUSTRIAL CIRCUIT BREAKERS

Additional Product Information

Pack (number of units)1

Volume (dm³)1.04

Weight (g)678.00

Product characteristics3-pole - 400 V~

C curve

Nominal rating I_n : 50 A

Number of modules : 4.5

General characteristicsMCBs DX³ - 50 kA - thermal magnetic MCBs from 10 A to 63 A - C and D curvesBreaking capacity:
50 kA - IEC 60947-2 - 400 V~Can be equipped with DX³ auxiliaries and accessories

ETIM for 410166 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
Concurrently switching neutral conductor (EF005997)
No
Voltage type (EF000187)
AC
Additional equipment possible (EF008148)
Yes
Rated short-circuit breaking capacity I_{cu} according to IEC 60947-2 at 400 V (EF009558)
50 kA
Rated short-circuit breaking capacity I_{cu} according to IEC 60947-2 at 230 V (EF009557)
100 kA
Rated impulse withstand voltage U_{imp} (EF011980)
6 kV
Number of protected poles (EF005548)
3
Frequency (EF000416)
50 Hz
Built-in depth (EF000218)
47 mm
Number of poles (total) (EF008618)
3
Pollution degree (EF002570)
3
Width in number of modular spacings (EF002950)
4.5
Rated insulation voltage U_i (EF001366)
500 V
Connectable conductor cross section multi-wired (EF007343)
1.5 mm²
Rated current (EF000227)
50 A
Flush-mounted installation (EF007517)
Yes
Release characteristic (EF000889)
C
Rated voltage (EF000228)
400 V

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send LEGRAND / 410166 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.