

INDUSTRIAL COMPONENT DATA

411792 LEGRAND DIFFERENTIAL DX3 4/80/500 TO

Brand: LEGRAND | Manufacturer Part Number: 411792



Manufacturer	LEGRAND
MPN / Reference	411792
Catalog number	411792
Category	Residual current circuit breaker (RCCB)
Minimum order	1 Pcs
Document ID	EO-99BCC11627
Generated	2026-07-27

Product Overview

DIFFERENTIAL DX3 4/80/500 TO

DX3-ID 4 Pole 80A A Type RCD 500mA Neutral on Right-Hand Side

DX3 Differential Switch - 4P - 400V~ - 80A - Type A - 500mA - 4mod

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

Conform to IEC 61008-1 * AC type : detect AC component faults * A type : detect AC and DC component faults Enhanced immunity to unwanted tripping in disturbed environments Can be equipped with DX3 auxiliaries and accessories Number of poles 4

Rated voltage 400 V

Rated current 80 A

Rated fault current 0.5 A

Rated insulation voltage U_i 500 VRated impulse withstand voltage U_{imp} 4 kV

Mounting method DIN rail

Leakage current type A

Selective protection No

Short-time delayed tripping No

Short-circuit breaking capacity (I_{cw}) 10 kA

Surge current capacity 0.25 kA

Voltage type AC
With interlocking device Yes
Frequency 50 Hz
Additional equipment possible Yes
Degree of protection (IP) IP20
Width in number of modular spacings 4
Built-in depth 44 mm
Ambient temperature during operating -25-60 °C
Pollution degree 2
Connectable conductor cross section multi-wired 0.75-35 mm²
Connectable conductor cross section solid-core 0.75-50 mm²
Colour Grey
RAL-number (similar) 7035
Explosion-proof No
Width 71.2 mm
Height 83 mm
Depth 77.8 mm
degree of impact strength (IK) IK04
Storage temperature -40-70 °C
Electric supplying direction By the top or bottom
Terminal marking indication Yes
Stress test conformity (1000V) Yes
Halogen free Yes
Connection type Screwed terminal , Busbar and cable
Label space/information surface Yes
ETIM for 411792 Circuit breakers and fuses (EC000003)
Feature Name
Feature Value
Explosion-proof (EF004663)
No
Connectable conductor cross section solid-core (EF007337)
0.75 mm²
Freq...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send LEGRAND / 411792 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.