# Product sheet



DPX³ 160 LEGRAND

## DPX³160 thermal magnetic release circuit breaker, 4 poles, with rated current of 80A and breaking capacity 50kA

REF. 420134 | EAN. 3245064201346

DPX³, moulded case circuit breaker for switching, control isolation and protection of low voltage lines. Protects a circuit from damage caused by excess current from an overload or short circuit

## No price to display

> Visit e-catalogue

## Description

DPX³, moulded case circuit breaker for switching, control isolation and protection of low voltage lines. Protects a circuit from damage caused by excess current from an overload or short circuit

### Product charateristics

- Breaking capacity of 50kA, according to EN/IEC standard 60947-2, suitable for protection of commercial and middle power installations - Compliant with NEMA AB-1
- Rated insulation voltage of 800V - Rated impulse withstand voltage of 8kV
- Thermal protection with manual adjustment range of 0,8-1,0 of the rated current - Magnetic protection fixed at 10 time the rated current (minimum of 400A)
- Supplied with fixing screws, cage terminals 70mm² maximum flexible cable or 95mm² maximum rigid cable - Can be fitted with other connection accessories: cage terminals, spreaders, rear terminals
- Can be equipped with auxiliaries (shunt release, undervoltage release, auxiliary contact), rotary handle, motor-driven handle and locking accessory Can used with rotary handles or motor operator. Locking accessories are available.

## The product's benefits

### Installation

- Can be mounted on rail or on plate in XL³ or XL³ S cabinets and enclosures

### Usage

- Climatic condition according to IEC/EN 60947-1 Annex Q, Cat. F subject to temperature, humidity, vibration, shock and salt mist

### Advantages

- DPX3 platform has been developed to give a new solution of protection devices for a more precise approach in "flux" installations in order to offer the correct answer little panel builders or installers
- DPX³160 is the answer for the competition for reduced needs of flux sub-segment

## Documentation

### TECHNICAL DOCUMENTATION

- EXB16053_DPX3_160_250_EN.pdf | PDF (107.63Mo)
- EXB15015_TG_Coordination_EN.pdf | PDF (5.41Mo)
- Y4220F.pdf | PDF (0.84Mo)

### CATALOGUE PAGE & OTHERS

- ex223001_0189.pdf | PDF (0.04Mo)
- ex223001_0159.pdf | PDF (0.11Mo)
- ex223001_0188.pdf | PDF (0.11Mo)

FT_160MT_-_FR.pdf | PDF (0.43Mo)

EXB22025_CA_DPX3_160-250_FR.pdf | PDF (108.29Mo)

F01360EN05_DPX3_160MT_ENGv1.0.pdf | PDF (1.76Mo)

## CAD & Design specs / BIM

420137.dwg | DWG (0.18Mo)

## Agreements & Certificates

OC / CB-71483 | (2.58Mo)

OC / CB-SE-101777A1 | (0.15Mo)

LGRP-00720-V01.01-EN.pdf | PDF (1.02Mo)

OC / CB-71479 | (2.53Mo)

LGRP-00544-V01.01-EN.pdf | PDF (0.61Mo)