

# Product sheet



## DPX<sup>3</sup> 160 LEGRAND

DPX<sup>3</sup>160 thermal magnetic release circuit breaker, 3 poles, with rated current of 80A and breaking capacity 25kA

REF. 420044 | EAN. 3245064200448

DPX<sup>3</sup>, 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

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## Description

DPX<sup>3</sup>, 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 characteristics

- Breaking capacity of 25kA, 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 70mm<sup>2</sup> maximum flexible cable or 95mm<sup>2</sup> 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 XL<sup>3</sup> or XL<sup>3</sup> 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

### Avantages

- DPX<sup>3</sup> 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
- DPX<sup>3</sup>160 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)
- FT\_160MT\_-\_FR.pdf | PDF (0.43Mo)


### CATALOGUE PAGE & OTHERS

- ex223001\_0189.pdf | PDF (0.04Mo)
- ex223001\_0159.pdf | PDF (0.11Mo)
- ex223001\_0188.pdf | PDF (0.11Mo)

 EXB22025\_CA\_DPX3\_160-250\_FR.pdf | PDF (108.29Mo)


 F01360EN06\_DPX3160\_MT.pdf | PDF (2.17Mo)

## CAD & Design specs / BIM

 420047.dwg | DWG (0.16Mo)

## Agreements & Certificates

 OC / CB-71483 | (2.58Mo)

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

 LGRP-01932-V01.01-EN.pdf | PDF (0.79Mo)

 OC / CB-71479 | (2.53Mo)

 DC-D13\_13-SELECTIVITE \_FILIACTION-A-3-NIVEAUX.pdf | PDF (0.62Mo)