

Product sheet



DPX³ 160 LEGRAND

DPX³160 thermal magnetic release circuit breaker with earth leakage module, 4 poles 80A and breaking capacity 36kA

REF. 420114 | EAN. 3245064201148

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

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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 characteristics

- Breaking capacity of 36kA, 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 500V - Rated impulse withstand voltage of 6kV
- 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 be used with rotary handles or motor operator. Locking accessories are available.

Documentation

TECHNICAL DOCUMENTATION

- [Y4220F.pdf](#) | PDF (0.84Mo)
- [F01361FR_08.pdf](#) | PDF (6.03Mo)
- [Cahier d'atelier : DPX³ 160 et DPX³ 250](#) | PDF (108.28Mo)
- [Workshop Book: DPX³160 and DPX³250](#) | PDF (107.54Mo)

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


Avantages

- 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
- Equipped with earth leakage module with LCD screen with adjustable sensitivity and adjustable tripping

CATALOGUE PAGE & OTHERS

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


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 DPX3_160Thermal_Magnetic_RCD4P_ModbusTable.pdf | PDF (0.33Mo)

→ Y4320C.pdf | PDF (3.69Mo)

→ LE08866AC.pdf | PDF (6.7Mo)

CAD & Design specs / BIM

 420117.dwg | DWG (0.2Mo)


Software & configurators

 PowerControlStation 5.0.0.78.zip | ZIP (52.57Mo)

Agreements & Certificates

 NZ SDoC-L-0665-01A | (0.31Mo)

 LGRP-00450-V01.01-EN.pdf | PDF (1Mo)

 OC / CB-67672 | (0.37Mo)

 DC-D13_13-SELECTIVITE _FILIATION-A-3-NIVEAUX.pdf | PDF (0.62Mo)