

Product sheet



DPX³ 630 LEGRAND

DPX³630 S1 electronic release circuit breaker, 3 poles 320A and breaking capacity 50kA

REF. 422509 | EAN. 3414970382757

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 100kA, according to EN/IEC standard 60947 - 2, suitable for protection of high power industrial installations. Rated insulation voltage of 800V Rated impulse withstand voltage of 8kV
- Compliant with NEMA AB-1. Climatic condition according to IEC/EN 60947 - 1 Annex Q, Cat. F subject to temperature, humidity, vibration, shock and salt mist.
- Protection unit with rotary knobs for regulation of thermal and magnetic currents. Thermal protection with manual adjustment range of 0,8 - 1,0 of the rated current. Magnetic protection with manual adjustment range of 5 - 10 of the rated current.
- Can be equipped with releases (undervoltage and shunt releases) and auxiliary contacts. Can be used with rotary handles or motor operator. Locking accessories are available.
- Has different type of possible connection accessories: cage terminals, spreader and rear terminals. Is available also in a plug-in version (circuit breaker fitted with special terminals and mounted on a plug-in base). An module can be added in order to get protection against earth leakage faults.

The product's benefits

Installation

- DPX3 platform has been developed to give a new solution of protection devices for a more precise approach in power installations in order to offer the correct answer for different project needs.

Usage

- DPX3 platform provide a complete "project" approach in premium market segment, offering a range completely suitable for high power application

Avantages

- DPX3 630 is the answer for the competition in the project sub-segment. A unique size for all versions (thermal magnetic, electronic with or without measure). Earth leakage features can be achieved by adding a dedicated module at the bottom of the breaker itself.

Documentation

TECHNICAL DOCUMENTATION


→ [LE07062AB.pdf](#) | PDF (0.81Mo)


CATALOGUE PAGE & OTHERS

 [ex223001_0177.pdf](#) | PDF (0.06Mo)


 F01959FR01_DPX3_630ELE_FRAv3.pdf | PDF (1.04Mo)

 LE08011AA.pdf | PDF (0.44Mo)


 EXB15015_TG_Coordination_EN.pdf | PDF (5.41Mo)


 EXB19026_CA_DPX3_125HP250HP_630_1600EN.pdf | PDF (82.93Mo)

 F01959N04_DPX3630_ELE.pdf | PDF (3.03Mo)

 EXB21086_CA_DPX3HP125_250_DPX3630_1600FR.pdf | PDF (83.49Mo)


CAD & Design specs / BIM

 422498.dwg | DWG (0.17Mo)

 ex223001_0194-0195.pdf | PDF (0.48Mo)

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Agreements & Certificates

 OC / CB-SE-91831 | (1.1Mo)