

Product sheet



DPX³ 250HP LEGRAND

Circuit breaker DPX3 250HP 4 poles, rated current of 160A and S10 electronic protection unit

REF. 423437 | EAN. 3414971051850

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Product characteristics

- Breaking capacity of 50kA, according to EN/IEC standard 60947 - 2, suitable for protection of high power industrial installations. Rated insulation voltage of 500V. Rated impulse withstand voltage of 6kV
- 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.
- Completely flexible regulation of the protection unit by dedicated App and software for thermal and magnetic currents and times Thermal protection within range of 0,4 - 1,0 of the rated current. Magnetic protection within range of 1,5 - 10 of the rated current. Equipped with earth leakage module. Earth leakage trip integrated of type A, with adjustable sensitivity of 0,03 - 0,3 - 1 - 3 Ampere and adjustable tripping of 0 - 0,3 - 1 - 3 seconds
- 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 or draw-out configuration (circuit breaker fitted with special terminals and mounted on a plug-in base).

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 provides a complete "project" approach in premium market segment, offering a range completely suitable for high power application

Advantages

- DPX3 250HP is the answer for the competition in the project sub-segment. A unique size for all versions (thermal magnetic, electronic with or without measure).
- Adjustment of I_r , I_{sd} , I_i , I_g , t_r , t_{sd} , t_g directly on the MCCB or via software/App. For connection to the App add a Bluetooth communication key ref. LG-028310. Green indicator lamp. Connector for test unit. Logical selectivity. For 4P version: adjustment of neutral on front panel or by software or App.
- EnerUp + Project App for smartphone and tablet available on Apple Store and Google Play. Configuration, monitoring and management software (PCS) available for download via e-catalogue (does not require the use of Bluetooth communication key ref. LG-028310).

Documentation





TECHNICAL DOCUMENTATION

-  EXB20072_logic_selectivity (print).pdf | PDF (6.63Mo)
-  EXB19026_CA_DPX3_125HP250HP_630_1600EN.pdf | PDF (82.93Mo)
-  LE08866AC.pdf | PDF (6.7Mo)
-  F04057EN00_DPX3_250HP_ELE S10+RCD.pdf | PDF (3.03Mo)
-  PRT220015_GT_selectivite_logique.pdf | PDF (6.38Mo)
-  EXB21086_CA_DPX3HP125_250_DPX3630_1600FR.pdf | PDF (83.49Mo)

CAD & Design specs / BIM

-  423425.dwg | DWG (0.34Mo)

CATALOGUE PAGE & OTHERS

-  ex223001_0192.pdf | PDF (0.19Mo)
-  ex223001_0193.pdf | PDF (0.04Mo)
-  ex223001_0191.pdf | PDF (0.12Mo)
-  ex223001_0172.pdf | PDF (0.1Mo)

Software & configurators

-  PowerControlStation 5.0.70.exe | EXE (43.37Mo)