

Product sheet



DPX³ 1600 LEGRAND

Circuit breaker DPX³ 1600 3 poles, rated current of 800A and S10 electronic protection unit

REF. 422971 | EAN. 3414972259491

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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 1000V. 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.
- 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.
- 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 1600 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

- [LE07037AB.pdf](#) | PDF (0.94Mo)
-  [Workshop Book: DPX³ 125HP/160HP/250HP/630/1600](#) | PDF (239.04Mo)
-  [MODBUS_MAPS.pdf](#) | PDF (1.12Mo)
-  [Cahier d'atelier : DPX³ 125HP/160HP/250HP/630/1600](#) | PDF (239.32Mo)
-  [Technical guide: Logical selectivity](#) | PDF (6.63Mo)
- [LE12994AA.pdf](#) | PDF (1.64Mo)
-  [PRT220015_GT_selectivite_logique.pdf](#) | PDF (6.38Mo)
-  [F04059EN01_DPX31600ELE_S10.pdf](#) | PDF (2.32Mo)

Software & configurators

-  [PowerControlStation 5.0.0.78.zip](#) | ZIP (52.57Mo)

CATALOGUE PAGE & OTHERS

-  [ex223001_0182.pdf](#) | PDF (0.07Mo)
-  [ex223001_0198.pdf](#) | PDF (0.03Mo)
-  [ex223001_0196-0197.pdf](#) | PDF (0.52Mo)