

# Product sheet



DPX³ 1600 LEGRAND

Circuit breaker DPX³ 1600 4 poles, rated current of 1250A and S10 electronic protection unit

REF. 422988 | EAN. 3414972259293

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## Product characteristics

- Breaking capacity of 70kA, 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

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### TECHNICAL DOCUMENTATION

- [LE07037AB.pdf](#) | PDF (0.94Mo)
-  [EXB25005\\_EN.pdf](#) | PDF (239.04Mo)
-  [MODBUS\\_MAPS.pdf](#) | PDF (1.12Mo)
-  [EXB25004\\_FR.pdf](#) | PDF (239.32Mo)
-  [EXB20072\\_logic\\_selectivity \(print\).pdf](#) | PDF (6.63Mo)
- [LE12994AA.pdf](#) | PDF (1.64Mo)
- [LE08866AC.pdf](#) | PDF (6.7Mo)
-  [PRT220015\\_GT\\_selectivite\\_logique.pdf](#) | PDF (6.38Mo)
-  [F04059EN01\\_DPX31600ELE\\_S10.pdf](#) | PDF (2.32Mo)

### Software & configurators

-  [PowerControlStation 5.0.74.zip](#) | ZIP (52.52Mo)

### CATALOGUE PAGE & OTHERS

-  [ex223001\\_0182.pdf](#) | PDF (0.07Mo)
-  [ex223001\\_0198.pdf](#) | PDF (0.03Mo)
-  [ex223001\\_0196-0197.pdf](#) | PDF (0.52Mo)