

Product sheet



DMX³ 4000 1000V LEGRAND

Circuit breaker DMX³ 4000 1000V, 4 poles, fixed version and electronic protection unit

REF. 028511 | EAN. 3414972092937

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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 U_e up to 1000 Vac ($I_{cu}=50kA @ 1000Vac$ and $65kA @ 800Vac$). Rated impulse withstand voltage of 12kV
- Climatic condition according to IEC/EN 60947 - 1 Annex Q, Cat. F subject to temperature, humidity, vibration, shock and salt mist.
- Electronic protection module of type MP4 (adjustments accomplished by selector switches). 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 (circuit breaker fitted with special terminals and mounted on a plug-in base) or in a draw-out version (a plug-in version fitted with a "Debro-lift" mechanism which can be used to withdraw the breaker while keeping it on its base)

The product's benefits

Installation

- Electric and mechanical robustness, in addition to breaking capacity and chances of accessorizing, are perfectly suited for increase continuity service looking at the plant energy efficiency and in respect of "green aspects". High performance, reliability and strength are the main advantages of this new range.

Usage


- DMX³ 1000V platform provide a complete "project" approach in premium market segment, offering a range completely suitable for high power application, in particular for wind turbine, photovoltaic or railway installations

Documentation

TECHNICAL DOCUMENTATION



 Cahier d'atelier : DMX³ et DMX³-I (avec unité de protection LI, LSI et LSIg) | PDF (35.06Mo)

 Technical guide: Logical selectivity | PDF (6.63Mo)

 Workshop specifications: DMX³ and DMX³-I (LI, LSI and LSIg protection unit) | PDF (34.76Mo)

CATALOGUE PAGE & OTHERS

 ex223001_0224.pdf | PDF (0.04Mo)

- [LE13158AA.pdf](#) | PDF (0.83Mo)
-  [F03385EN01_DMx3_4000_1000Vv1.pdf](#) | PDF (2.58Mo)
- [LE08866AC.pdf](#) | PDF (6.7Mo)
-  [PRT220015_GT_selectivite_logique.pdf](#) | PDF (6.38Mo)

Software & configurators

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