

Product sheet



DMX³ 1600 LEGRAND

Air circuit breaker DMX³ 1600 - fixed version and electronic protection unit - Icu 50 kA - 3P - In 1600A

REF. 028028 | EAN. 3414970717207

DMX³ air circuit breakers offer optimal solutions to answer to protection requirements on the origin of the low voltage electrical installation (IEC/EN 60364-1) up to 1600A.

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Description

DMX³ air circuit breakers offer optimal solutions to answer to protection requirements on the origin of the low voltage electrical installation (IEC/EN 60364-1) up to 1600A.

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 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"

Usage

- DMX3 platform provide a complete "project" approach in premium market segment, offering a range completely suitable for high power application

Avantages

- Rear terminals not mounted by default on the device to avoid to buy and to throw away them, in case of use of front terminals connection. Connection choice done by customer, according to specific exigences, so to optimize costs.









Documentation

TECHNICAL DOCUMENTATION


F02194EN_04_DMx3_1600v0.pdf | PDF (1.85Mo)


CATALOGUE PAGE & OTHERS

ex223001_0226-0227.pdf | PDF (0.34Mo)




-  F02194FR_02_DM3_1600 v05.pdf | PDF (1.44Mo)
-  LE10707AA.pdf | PDF (13.31Mo)
-  EXB15015_TG_Coordination_EN.pdf | PDF (5.41Mo)
-  → LE08437AC.pdf | PDF (17.31Mo)
-  EXB20072_logic_selectivity (print).pdf | PDF (6.63Mo)
-  → LE08866AC.pdf | PDF (6.7Mo)
-  PRT220015_GT_selectivite_logique.pdf | PDF (6.38Mo)
-  EXB20020_WS_DM31600_EN.pdf | PDF (24.18Mo)

CAD & Design specs / BIM

-  028000.dwg | DWG (0.15Mo)

-  ex223001_0213.pdf | PDF (0.06Mo)

Software & configurators

-  SW_Legrand_PowerControlStation.exe | EXE (32.62Mo)
-  PowerControlStation 5.0.74.zip | ZIP (52.52Mo)
-  PowerControlStation 5.0.70.zip | ZIP (52.5Mo)