

Product sheet



DPX³ 160 LEGRAND

Circuit breaker DPX3 160,4 poles, with rated current of 80A and thermal magnetic protection

REF. 420053 | EAN. 3245064200530

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Product characteristics

- Breaking capacity of 16kA, according to EN/IEC standard 60947 - 2, suitable for protection of commercial and middle power 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.
- Protection unit with rotary knobs for regulation of thermal current, fixed magnetic current. Thermal protection with manual adjustment range of 0,8 - 1,0 of the rated current. Magnetic protection fixed at 10 times the rated current (minimum of 400A). Equipped with earth leakage module with LCD screen. 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 (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 "flux" installations in order to offer the correct answer little panel builders or installers.

Usage

- DPX3 platform provides a complete "flux" approach in premium market segment, for usually reduced value projects and a Fit & Forget approach offering direct sale distribution

Advantages

- DPX3 160 is the answer for the competition for reduced needs of Flux sub-segment. Possibility of DIN mounting and full accessory range.


Documentation

TECHNICAL DOCUMENTATION

- [EXB16053_DPX3_160_250_EN.pdf](#) | PDF (54.11Mo)
- [EXB15015_TG_Coordination_EN.pdf](#) | PDF (5.41Mo)
- [Y4220F.pdf](#) | PDF (0.84Mo)
- [FT_160MT_-_FR.pdf](#) | PDF (0.43Mo)


CATALOGUE PAGE & OTHERS

- [ex223001_0189.pdf](#) | PDF (0.04Mo)
- [ex223001_0159.pdf](#) | PDF (0.11Mo)
- [ex223001_0188.pdf](#) | PDF (0.11Mo)


 EXB22025_CA_DPX3_160-250_FR.pdf | PDF (55.06Mo)


 F01360EN05_DPX3_160MT_ENGv1.0.pdf | PDF (1.76Mo)

CAD & Design specs / BIM

 420057.dwg | DWG (0.18Mo)

Agreements & Certificates

 OC / CB-71483 | (2.58Mo)

 OC / CB-SE-101777A1 | (0.15Mo)

 LGRP-00720-V01.01-EN.pdf | PDF (1.02Mo)

 OC / CB-71479 | (2.53Mo)

 DC-D13_13-SELECTIVITE _FILIACTION-A-3-NIVEAUX.pdf | PDF (0.62Mo)

 LGRP-00544-V01.01-EN.pdf | PDF (0.61Mo)