

Product data sheet



DPX3 160 LEGRAND

Circuit breaker DPX3 160, 4 poles, with rated current of 16A and thermal magnetic protection. +earth leakage protection

REF. 420047 | EAN. 3245064200479

Moulded circuit breaker for control isolation and protection of low voltage lines. Protects a circuit from damage caused by excess current from an overload or short circuit. It interrupts current flow after a fault is detected

> [The product details page](#)

Pagrindinis aprašymas:

Moulded circuit breaker for control isolation and protection of low voltage lines. Protects a circuit from damage caused by excess current from an overload or short circuit. It interrupts current flow after a fault is detected

Produkto savybės:

- Break 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).

Techninės charakteristikos

Produkto privalumai

Įrengimo privalumai

- 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.

Naudojimo privalumai

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

Unikalios savybės

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

Rated permanent current Iu	160 A
Rated voltage	220-690 V
Rated short-circuit breaking capacity Icu at 400 V, 50 Hz	25 kA
Overload release current setting	128-160 A
Adjustment range short-term delayed short-circuit release	1600-1600 A
Adjustment range undelayed short-circuit release	1600-1600 A
Device construction	Built-in device fixed built-in technique
Integrated earth fault protection	No
Type of electrical connection of main circuit	Screw connection
Suitable for DIN rail (top hat rail) mounting	Yes
DIN rail (top hat rail) mounting optional	Yes

Number of auxiliary contacts as normally closed contact	1
Number of auxiliary contacts as change-over contact	1
With switched-off indicator	Yes
With integrated under voltage release	Yes
Number of poles	3
Position of connection for main current circuit	Front side
Type of control element	Toggle
Complete device with protection unit	Yes
Motor drive integrated	No
Motor drive optional	Yes
Degree of protection (IP)	IP30

Dokumentacija

Techniniai dokumentai

- [Y4220F.pdf](#) | PDF (0.84Mo)
- [EXB15015_TG_Coordination_EN.pdf](#) | PDF (5.41Mo)
- [EXB16053_DPX3_160_250_EN.pdf](#) | PDF (107.63Mo)
- [F01360EN06_DPX3160_MT.pdf](#) | PDF (2.17Mo)

Sutartys ir sertifikatai

- [OC / CB-SE-101777A1](#) | (0.15Mo)
- [LGRP-01932-V01.01-EN.pdf](#) | PDF (0.79Mo)

CAD ir projektavimo specifikacijos / BIM

- [420047.dwg](#) | DWG (0.16Mo)