

# Product sheet



## DPX³ 250 HP LEGRAND

DPX³250 HP thermal magnetic release circuit breaker, 4 poles 250A with earth leakage protection, breaking capacity 50kA

REF. 423117 | EAN. 3414971049154

DPX³ 250 HP, moulded case circuit breaker for switching, control isolation and protection of low voltage lines. Protects a circuit from damage caused by excess current from an overload or short circuit

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## Description

DPX³ 250 HP, moulded case circuit breaker for switching, control isolation and protection of low voltage lines. Protects a circuit from damage caused by excess current from an overload or short circuit

### 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 500V - Rated impulse withstand voltage of 6kV
- Protection unit with rotary knobs for manual adjustment: thermal protection with manual adjustment range of 0.8 to 1.0 of the rated current; magnetic protection with manual adjustment range of 5 to 10 of the rated current - Equipped with earth leakage module with adjustable sensitivity (0.03, 0.3, 1 or 3A) and adjustable tripping (0, 0.3, 1 or 3 seconds)
- Supplied with connection fixing screws, connection plate for bars and cable lugs and insulated shields (phase barriers) - Can be equipped with auxiliaries (shunt release, undervoltage release, auxiliary contact), rotary handle, motor-driven handle, spreader, rear terminals, locking accessory and cage terminals (120mm² max. flexible cable or 150mm² max. rigid cable)
- Fixed version but can be modified 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)

### Recommendation / Restriction

- Can be fitted with cage terminals 120mm² max. (flexible cable) or 150mm² max. rigid cable

## The product's benefits

### Installation

- Can be mounted on plate in Legrand cabinets and enclosures

### Usage

- Climatic condition according to IEC/EN 60947-1 Annex Q, Cat. F subject to temperature, humidity, vibration, shock and salt mist





### Advantages

- The most compact dimension of the market
- A range completely suitable for high power application with high performance breakers in compact dimensions

## Documentation

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### TECHNICAL DOCUMENTATION

- [LE11681AA.pdf](#) | PDF (2.48Mo)
-  [F03043EN03\\_DPX3 250HP\\_TMRCD.pdf](#) | PDF (2.85Mo)
-  [Workshop Book: DPX<sup>3</sup> 125HP/160HP/250HP/630/1600](#) | PDF (239.04Mo)
-  [Cahier d'atelier : DPX<sup>3</sup> 125HP/160HP/250HP/630/1600](#) | PDF (239.32Mo)
-  [Technical Guide: Coordination between protection devices](#) | PDF (5.41Mo)



### CAD & Design specs / BIM

-  [423105.dwg](#) | DWG (0.33Mo)

### CATALOGUE PAGE & OTHERS

-  [ex223001\\_0192.pdf](#) | PDF (0.19Mo)
-  [ex223001\\_0193.pdf](#) | PDF (0.04Mo)
-  [ex223001\\_0191.pdf](#) | PDF (0.12Mo)
-  [ex223001\\_0170.pdf](#) | PDF (0.09Mo)

### Agreements & Certificates

-  [LGRP-01410-V01.01-EN.pdf](#) | PDF (0.7Mo)
-  [OC / CB-SE-109916](#) | (0.09Mo)