

# Product sheet



## DPX³ 250 HP LEGRAND

DPX³250 HP S1 electronic release circuit breaker, 4 poles 100A , breaking capacity 100kA

REF. 423256 | EAN. 3414971051195

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 100kA, according to EN/IEC standard 60947-2, suitable for protection of high power industrial installations
- Rated insulation voltage of 800V - Rated impulse withstand voltage of 8kV
- Electronic protection unit with rotary knobs for adjustment of  $I_r$  and  $I_{sd}$ : - thermal protection with electronic adjustment range of 0.4 to 1.0 x  $I_n$  - magnetic protection with electronic adjustment range of 1.5 to 10 x  $I_r$
- 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 (120mm<sup>2</sup> max. flexible cable or 150mm<sup>2</sup> 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 120mm<sup>2</sup> max. (flexible cable) or 150mm<sup>2</sup> max. rigid cable

## Documentation

## 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

- A unique size for all versions (thermal magnetic release/magnetic only /electronic release with or without measure, with or without earth leakage protection)
- A range completely suitable for high power application with high performance breakers in compact dimensions





## TECHNICAL DOCUMENTATION

-  [Technical Guide](#) | PDF (5.24Mo)
-  [F03044EN03\\_DPX3250HP\\_ELES1.pdf](#) | PDF (3.12Mo)
-  [Technical Guide: Coordination between protection devices](#) | PDF (5.41Mo)
-  [LE11682AA.pdf](#) | PDF (1.49Mo)
-  [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)

## CAD & Design specs / BIM

-  [423255.dwg](#) | DWG (0.34Mo)

## CATALOGUE PAGE & OTHERS

-  [ex223001\\_0192.pdf](#) | PDF (0.19Mo)
-  [ex223001\\_0193.pdf](#) | PDF (0.04Mo)
-  [ex223001\\_0191.pdf](#) | PDF (0.12Mo)
-  [ex223001\\_0171.pdf](#) | PDF (0.06Mo)