

Product sheet

Type A 4-pole 40 A 30 mA residual current device

Brand: LEGRAND

Reference: LEGRAND 411675



4-pole residual current device with a rated current of 40 A and a nominal voltage of 400 V~. Detects Type A leakage currents of 30 mA to protect against electric shock and discharges. Mounts on a DIN rail, occupies 4 modules, and withstands short-circuit currents of 10 kA.

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Description

DX³ 4-pole residual current device designed to protect people against direct and indirect contact and to prevent fire risks caused by persistent earth fault currents.

Technical features

- Number of poles: 4
- Rated voltage: 400 V AC
- Rated current: 40 A
- Trip sensitivity: 30 mA (0.03 A)
- Leakage current type: A
- Nominal insulation voltage (Ui): 500 V
- Maximum impulse rating (Uimp): 4 kV
- Short-circuit breaking capacity (Icw): 10 kA
- Overcurrent withstand: 0.25 kA
- Frequency: 50 Hz
- Protection rating: IP20
- Width: 4 modules
- Depth: 44 mm
- Operating temperature: -25...60 °C
- Connection for multiple conductors: 0.75...35 mm²
- Connection for rigid cable: 0.75...50 mm²
- Mounting: DIN rail

- Color: Grey (RAL 7035)
- Padlockable: Yes

This device provides a reliable response to Type A leakage currents, ensuring safety in AC electrical installations. Its compact 4-module design facilitates integration into standard electrical panels, allowing efficient space management and the connection of conductors up to 50 mm² in cross-section.

Specifications

Frequency	50
Rated current (A)	40
Width	4 módulos
Colour	Grey
Sensitivity	30 mA
Curve	C
EAN	3245064116756
Manufacturer	LEGRAND
No. of poles	4P
Depth	44 mm
Protection	IP20
Cable cross-section (mm ²)	0.75
Rated voltage	400
Nominal voltage (V)	400 V

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