Product sheet



4P 40A AC Differential Switch Sensitivity 30mA Breaking Capacity 6kA

Brand: SOLERA

Reference: SOLERA RCB4P4030

This 40A 4P differential, class AC, protects residential, tertiary and industrial sectors. Operates at 240/415V AC (50-60 Hz) with 30 mA sensitivity and 6 kA cutting power.

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Description

The 40A Class AC 4P Differential is an essential electrical protection device designed to ensure the safety of residential, tertiary and industrial installations. Its main function is to automatically detect and cut the current in case of ground leaks or short circuits, protecting both people and connected equipment. This model operates efficiently in alternating current networks with voltages of 240/415V and frequencies between 50 and 60 Hz, adapting to current electrical standards in various operating environments.

Technical characteristics

- Nominal power: 40 Amps
- Number of poles: 4 modules
- Service voltage: 240/415 V AC
- Operating frequency: 50 - 60 Hz
- Shot sensitivity: 30 mA
- Protection class: AC
- Cutting power: 6 kA
- Body material: Halogen-free thermoplastic
- Fire resistance (incandescent thread test): 850 oC

Thanks to its high sensitivity of 30 mA and AC classification, this differential offers a quick response to indirect electrical shocks and short circuits in circuits with inductive loads. Its robust 6 kA cutting power ensures system integrity during severe failures, while halogen-free thermoplastic material minimizes the

emission of toxic fumes in fire situations, facilitating evacuations and reducing environmental damage.

The installation requires fixing the device on a standard DIN rail within the main or secondary electrical panel, ensuring a correct connection of phase and neutral conductors at their corresponding terminals.

Specifications

Class	AC
Sensitivity	30 mA
EAN	8423220093546
Material	Plástico
No. of poles	4P
Nominal voltage (V)	240/415 V AC

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