compact electronic Residual Current Circuit Breaker
with Overcurrent Protection - Neutral Switch

Serie DDCE60NS

Domestic application

- Full conformity to IEC 61009-1 ed3.2 (2013-09), BS EN 61009-1:2012 and AS/NZS 61009-1:20011
- Full conformity to IEC 61543 ed1.0 (1995-04)
- Functionally dependent on line voltage
- RME and CEBEC Approvals
- Not opening automatically in case of failure of the line voltage
- Single pole with one overcurrent protected pole and interrupted neutral
- Behavior in presence of DC components: Type A with no time delay
- Rated short circuit capacity Icn = 6kA according to IEC 61009-1
- Terminals can accept pin type busbar
- Easy DIN-rail extraction. It is possible to remove one device from a set of devices connected with top or bottom busbar without having to unscrew on the rest of devices
- Toggle sealable in ON and OFF position only by means of padlocking accessory

Wiring

Thermal setting In (A) 6, 10, 13, 16, 20, 25, 32
Residual current In (mA) 10, 30
Tripping characteristics B, C
Rated voltage AC Un (V) 240
Minimum operating voltage Ub min. (V) 85
Mechanical / electrical endurance 20.000/10.000
Tropicalisation acc. to EN/IEC 60068-2-30 95%RH at 55ºC
terminal capacity flexible /rigid cable (mm²) 16(1)/25(2)
Poles 1P+N(3) (1 module)
Nuisance tripping resistance |(A) 250A (AC)
Ambient temperature (ºC) -5ºC...60ºC
Weight / mod. (g) 125g

Serie DDCE60NS - Type A - characteristic C

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TERMINALS CAPACITY
1. Flexible copper wires from 1.5mm² up to 16mm²
2. Rigid copper wires from 1mm² up to 25mm²
   25mm² wires need be reshaped before the terminal can accept them
3. Switched Neutral on the left