

ceRCBO

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

New



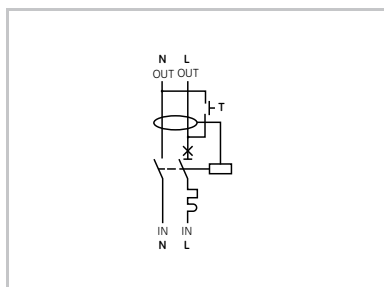
**Serie DDCE60NS**

**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  $I_{cn} = 6kA$  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



Switched neutral 1P+N

### Performance

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

### Serie DDCE60NS - Type A - characteristic C

In (A)	10 mA		30 mA		Pack
	Cat. No.	Ref. No.			
6	DDCEA60C06/010NS	694650	DDCEA60C06/030NS	694664	1
10	DDCEA60C10/010NS	694651	DDCEA60C10/030NS	694665	
13	DDCEA60C13/010NS	694652	DDCEA60C13/030NS	694666	
16	DDCEA60C16/010NS	694653	DDCEA60C16/030NS	694667	
20	DDCEA60C20/010NS	694654	DDCEA60C20/030NS	694668	
25	DDCEA60C25/010NS	694655	DDCEA60C25/030NS	694669	
32	DDCEA60C32/010NS	694656	DDCEA60C32/030NS	694670	

#### TERMINALS CAPACITY

- (1) Flexible copper wires from 1,5mm<sup>2</sup> up to 16mm<sup>2</sup>
- (2) Rigid copper wires from 1mm<sup>2</sup> up to 25mm<sup>2</sup>  
25mm<sup>2</sup> wires need be reshaped before the terminal can accept them.
- (3) Switched Neutral on the left

