



e-RCBO's - Compact Electronic Residual Current Circuit Breaker with Overcurrent Protection

Series DMCE60, DICE61

EN/IEC 61009-1	6000
	3
Type AC	
Type A	

Functionality dependent on line voltage

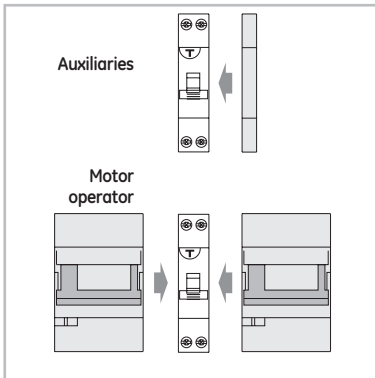
Applications



Approval / Marking



Add-on devices



- (1) CA UN auxiliary contact right side mounted is interface to make compatible all extensions CA, CB, Tele L, Tele U, PBS.
 (2) Tele M can be mounted on both sides.

- Auxiliary contacts ● pg C.4
- Motor operator ● pg C.7
- Shunt trip ● pg C.8
- Undervoltage release ● pg C.8
- Panel board switch ● pg C.8

- Busbars ● chap. E
- More technical data ● pg B.4
- Dimensions ● pg B.30

Performance

Thermal setting I_n	(A)	6, 10, 16, 20, 25, 32
Residual current $I_{\Delta n}$	(mA)	30
Tripping characteristic		B, C
Rated voltage AC U_n	(V)	240
Minimum operating voltage U_{Bmin}	(V)	85
Mechanical/electrical endurance		20000/10000
Tropicalisation acc. to EN/IEC 60068-2-28/2-30		95%RH at 55°C
Terminals		
DICE (Industry)	Top	Phase out ⁽¹⁾ , Neutral out ⁽¹⁾ , Neutral in ⁽²⁾
	Bottom	Phase in ⁽³⁾
DMCE (Domestic)	Top	Phase out ⁽¹⁾ , Neutral out ⁽¹⁾
	Bottom	Phase in ⁽¹⁾ , Neutral in ⁽¹⁾ , 1P+N (1 module) ⁽⁴⁾
Poles		
Nuisance tripping resistance		250A 8/20μs
Ambient temperature	(°C)	-5 up to 55
Weight DMCE-DICE	(g)	125-215g

Short-circuit capacity

DME60 according to EN/IEC 61009-1

Residual making and breaking capacity	$I_{\Delta m} = 3000A$
Short-circuit capacity	$I_{cn} = 6000A$ at 240V
Selectivity class	3

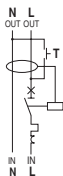
Terminal capacity:

- (1) Rigid copper wires 1-25mm², flexible copper wires 1.5 - 16mm²
 (2) Flying lead entering the device from top side. Cross section of 4mm² up to 25A, 6mm² up to 40A, 1200mm length.
 (3) Rigid copper wires 1-35mm², Flexible copper wires 1.5 - 25mm²
 (4) Unswitched neutral on the left.

Series DMCE60 - Type AC  - Domestic applications



Unswitched neutral
1P+N

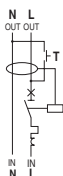


In (A)	B		C		Pack.
	Cat. No.	Ref. No.	Cat. No.	Ref. No.	
6	DMCE60B06/030	694014	DMCE60C06/030	694000	1
10	DMCE60B10/030	694015	DMCE60C10/030	694001	1
16	DMCE60B16/030	694016	DMCE60C16/030	694002	1
20	DMCE60B20/030	694017	DMCE60C20/030	694003	1
25	DMCE60B25/030	694018	DMCE60C25/030	694004	1
32	DMCE60B32/030	694019	DMCE60C32/030	694005	1

Series DMCEA60 - Type A  - Domestic applications



Unswitched neutral
1P+N

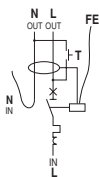


In (A)	B		C		Pack.
	Cat. No.	Ref. No.	Cat. No.	Ref. No.	
6	DMCEA60B06/030	694021	DMCEA60C06/030	694007	1
10	DMCEA60B10/030	694022	DMCEA60C10/030	694008	1
16	DMCEA60B16/030	694023	DMCEA60C16/030	694009	1
20	DMCEA60B20/030	694024	DMCEA60C20/030	694010	1
25	DMCEA60B25/030	694025	DMCEA60C25/030	694011	1
32	DMCEA60B32/030	694026	DMCEA60C32/030	694012	1

Series DICE61 - Type AC  - Industrial applications



Unswitched neutral
1P+N

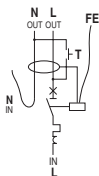


In (A)	B		C		Pack.
	Cat. No.	Ref. No.	Cat. No.	Ref. No.	
6	DICE61B06/030	694209	DICE61C06/030	694197	1
10	DICE61B10/030	694210	DICE61C10/030	694198	1
16	DICE61B16/030	694211	DICE61C16/030	694199	1
20	DICE61B20/030	694212	DICE61C20/030	694200	1
25	DICE61B25/030	694213	DICE61C25/030	694201	1
32	DICE61B32/030	694214	DICE61C32/030	694202	1

Series DICEA61 - Type A  - Industrial applications



Unswitched neutral
1P+N



In (A)	B		C		Pack.
	Cat. No.	Ref. No.	Cat. No.	Ref. No.	
6	DICEA61B06/030	694215	DICEA61C06/030	694203	1
10	DICEA61B10/030	694216	DICEA61C10/030	694204	1
16	DICEA61B16/030	694217	DICEA61C16/030	694205	1
20	DICEA61B20/030	694218	DICEA61C20/030	694206	1
25	DICEA61B25/030	694219	DICEA61C25/030	694207	1
32	DICEA61B32/030	694220	DICEA61C32/030	694208	1

Compact eRCBO's

A

B

C

D

E

F

X



New