

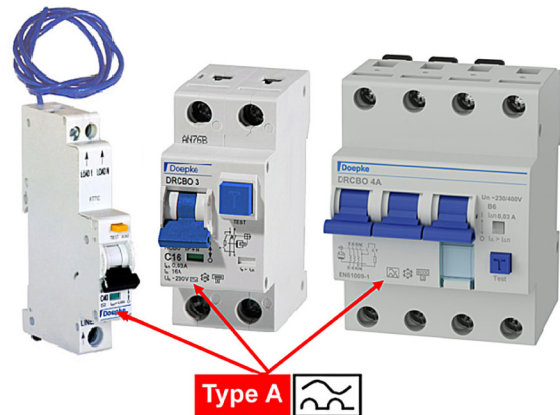
Type A residual current

Regulation 531.3.3 Tripping on:

- ✓ 50Hz sinusoidal AC
- ✓ Pulsating DC
- ✓ Pulsating DC superimposed on smooth DC < 6 mA

Note: Type A RCDs do not detect smooth DC.

General Non-delay characteristics for final circuits.



Product Standard: EN61009-1
Approvals: 2 pole VDE

Ordering reference: see below

1 pole 230V RCBO "B" Curve Type A 10 kA				
Time/Current characteristic: General Non-delay				
Modules	Poles	Amps	Sensitivity	Reference
1	1	6	30mA	RCBO1-B06/003/1-A
1	1	10	30mA	RCBO1-B10/003/1-A
1	1	16	30mA	RCBO1-B16/003/1-A
1	1	20	30mA	RCBO1-B20/003/1-A
1	1	25	30mA	RCBO1-B25/003/1-A
1	1	32	30mA	RCBO1-B32/003/1-A
1	1	40	30mA	RCBO1-B40/003/1-A
1	1	45	30mA	RCBO1-B45/003/1-A

1 pole 230V RCBO "C" Curve Type A 10 kA				
Time/Current characteristic: General Non-delay				
Modules	Poles	Amps	Sensitivity	Reference
1	1	6	30mA	RCBO1-C06/003/1-A
1	1	10	30mA	RCBO1-C10/003/1-A
1	1	16	30mA	RCBO1-C16/003/1-A
1	1	20	30mA	RCBO1-C20/003/1-A
1	1	25	30mA	RCBO1-C25/003/1-A
1	1	32	30mA	RCBO1-C32/003/1-A
1	1	40	30mA	RCBO1-C40/003/1-A
1	1	45	30mA	RCBO1-C45/003/1-A

1 pole + N 230V RCBO "B" Curve Type A 10 kA				
Time/Current characteristic: General Non-delay				
Modules	Poles	Amps	Sensitivity	Reference
2	2	6	30mA	DRCBO-3B06/0.03/1N-A
2	2	10	30mA	DRCBO-3B10/0.03/1N-A
2	2	16	30mA	DRCBO-3B16/0.03/1N-A
2	2	20	30mA	DRCBO-3B20/0.03/1N-A
2	2	25	30mA	DRCBO-3B25/0.03/1N-A
2	2	32	30mA	DRCBO-3B32/0.03/1N-A
2	2	40	30mA	DRCBO-3B40/0.03/1N-A

1 pole + N 230V RCBO "C" Curve Type A 10 kA				
Time/Current characteristic: General Non-delay				
Modules	Poles	Amps	Sensitivity	Reference
2	2	6	30mA	DRCBO-3C06/0.03/1N-A
2	2	10	30mA	DRCBO-3C10/0.03/1N-A
2	2	16	30mA	DRCBO-3C16/0.03/1N-A
2	2	20	30mA	DRCBO-3C20/0.03/1N-A
2	2	25	30mA	DRCBO-3C25/0.03/1N-A
2	2	32	30mA	DRCBO-3C32/0.03/1N-A
2	2	40	30mA	DRCBO-3C40/0.03/1N-A

Application Notes:

- a) 1 pole + N RCBOs are not suitable for single phase IT systems.
- b) Center tapped (CT) transformer supplies for fixed equipment:
 Use 2 pole RCCB + 2 pole MCBs. For 110V supplies, use 110v RCCBs.

3 pole + N 400V RCBO "B" Curve Type A 6 kA				
Time/Current characteristic: General Non-delay				
Modules	Poles	Amps	Sensitivity	Reference
4	4	6	30mA	DRCBO-4B06/0.03/3N-A
4	4	10	30mA	DRCBO-4B10/0.03/3N-A
4	4	16	30mA	DRCBO-4B16/0.03/3N-A
4	4	20	30mA	DRCBO-4B20/0.03/3N-A
4	4	25	30mA	DRCBO-4B25/0.03/3N-A
4	4	32	30mA	DRCBO-4B32/0.03/3N-A
5	4	40	30mA	DRCBO-4B40/0.03/3N-A

3 pole + N 400V RCBO "C" Curve Type A 6 kA				
Time/Current characteristic: General Non-delay				
Modules	Poles	Amps	Sensitivity	Reference
4	4	6	30mA	DRCBO-4C06/0.03/3N-A
4	4	10	30mA	DRCBO-4C10/0.03/3N-A
4	4	16	30mA	DRCBO-4C16/0.03/3N-A
4	4	20	30mA	DRCBO-4C20/0.03/3N-A
4	4	25	30mA	DRCBO-4C25/0.03/3N-A
4	4	32	30mA	DRCBO-4C32/0.03/3N-A
5	4	40	30mA	DRCBO-4C40/0.03/3N-A

Application Notes:

3 pole + N RCBOs must be used with a Neutral conductor (4 wire system).

Have a question? Please contact us today

Tel: 01628 829133 email: sales@doepke.co.uk

Doepke UK Ltd