

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.
For circuits incorporating inverters
 – use DFL8 Type B.

30 mA versions have non-adjustable RCD characteristics.

0.3 < 3 amp versions have adjustable RCD characteristics
 - see Regulation 411.4.4 Note 2



Ordering reference: see below

Product Standard: EN60947-2 Appendix B
Approvals: VDE

Type A 30mA Fixed 400V CBR ($I_r = 0.8 - 1 \times I_n$, $I_m = 6 - 10 \times I_n$)			
Time/Current characteristic: General Non-delay			
Poles	Amps	Sensitivity	Reference
4	100	30 mA	DFL8 -100-4/0.03-A
4	125	30 mA	DFL8 -125-4/0.03-A
4	160	30 mA	DFL8 -160-4/0.03-A
4	200	30 mA	DFL8 -200-4/0.03-A
4	250	30 mA	DFL8 -250-4/0.03-A

Type A 0.3, 0.5, 1, 3A Adjustable 400V CBR ($I_r = 0.8 - 1 \times I_n$, $I_m = 6 - 10 \times I_n$)			
Time/Current characteristic: Adjustable time delay			
Poles	Amps	Sensitivity	Reference
4	100	Adjustable	DFL8 -100-4/X-A
4	125	Adjustable	DFL8 -125-4/X-A
4	160	Adjustable	DFL8 -160-4/X-A
4	200	Adjustable	DFL8 -200-4/X-A
4	250	Adjustable	DFL8 -250-4/X-A

DFL8 Settings

Thermal Overload & Short-circuit Current Adjustment

- Thermal setting dial: 0.8 to 1.0 I_n
- Magnetic setting dial: 6 to 10 I_n

Residual Current & Time Delay Adjustment

- 30mA A & B versions are non-adjustable
- Time delay characteristics for A X & B X versions
- Time delay setting dial for A X & B X versions
- Residual Current setting dial for A X & B X versions

*** After commissioning & testing:**
 Fit lead seals to covers, to prevent unauthorised adjustment of any settings.

Have a question? Please contact us today

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