

DX™ RCDs

residual current devices - types AC and A



Dimensions (p. 88)

Conform to BS EN 61008-1

- AC type - Standard applications

AC type RCDs detect AC residual currents. In the majority of cases (standard applications), they are used for AC current detection at 50/60 Hz

- A type - Specific applications : dedicated lines

In addition to the characteristics of AC type RCDs, A type RCDs also detect DC residual currents. A type are used whenever fault currents are not sinusoidal. A type are particularly suitable for specific applications (dedicated lines) or circuits that may produce DC fault currents, eg variable speed drives with frequency inverters, etc.

Locking possible using support for padlock Cat. No. 0044 42 (p. 90)

Test voltage

| | RCD | |
|-------------|----------------------|---|
| | 2 P | 4 P |
| Min. | 135 V (10/30/300 mA) | 195 V (30 mA) 230 V (100 mA) 215 V (300 mA) 295 V (500 mA) |
| Max. | 250 V | 440 V |

| Pack | Cat. Nos. | | Double pole - 230 V~ | |
|------|-----------|---------|-------------------------------------|---------------------------|
| | Type AC | Type A | Nominal rating (A) | Number of 17.5 mm modules |
| 1 | 0089 06 | 0090 53 | 10 mA 16 | 2 |
| 1 | 0089 09 | 0090 56 | 30 mA 25 | 2 |
| 1 | 0089 10 | 0090 57 | 40 | 2 |
| 1 | 0089 11 | 0090 58 | 63 | 2 |
| 1 | 0089 12 | 0090 59 | 80 | 2 |
| 1 | 6027 10 | | 100 | 2 |
| 1 | 0089 15 | | 100 mA 25 | 2 |
| 1 | 0089 16 | | 40 | 2 |
| 1 | 0089 17 | | 63 | 2 |
| 1 | 0089 18 | | 80 | 2 |
| 1 | 6027 11 | | 100 mA discriminating 100 | 2 |
| 1 | 0089 27 | 0090 74 | 300 mA 25 | 2 |
| 1 | 0089 28 | 0090 75 | 40 | 2 |
| 1 | 0089 29 | 0090 76 | 63 | 2 |
| 1 | 0089 30 | 0090 77 | 80 | 2 |
| 1 | 0089 35 | 0090 82 | 300 mA discriminating 63 | 2 |

| Pack | Cat. Nos. | | Four pole - 400 V~ neutral on right (continued) | |
|------|-----------|---------|---|---------------------------|
| | Type AC | Type A | Nominal rating (A) | Number of 17.5 mm modules |
| 1 | 0090 23 | | 500 mA 25 | 4 |
| 1 | 0090 24 | 0091 71 | 40 | 4 |
| 1 | 0090 25 | 0091 72 | 63 | 4 |
| 1 | 0090 26 | 0091 73 | 80 | 4 |
| 1 | 0090 18 | 0091 65 | 300 mA discriminating 40 | 4 |
| 1 | 0090 19 | 0091 66 | 63 | 4 |

| Pack | Cat. Nos. | Four pole - 400 V~ neutral on left | |
|------|-----------|------------------------------------|--|
| | | Type AC | Nominal rating (A) Number of 17.5 mm modules |
| 1 | 0086 96 | | 30 mA 80 4 |
| 1 | 0087 14 | | 300 mA 80 4 |

| Pack | Cat. Nos. | | Four pole - 400 V~ neutral on right | |
|------|-----------|---------|-------------------------------------|---------------------------|
| | Type AC | Type A | Nominal rating (A) | Number of 17.5 mm modules |
| 1 | 0089 93 | 0091 40 | 30 mA 25 | 4 |
| 1 | 0089 94 | 0091 41 | 40 | 4 |
| 1 | 0089 95 | 0091 42 | 63 | 4 |
| 1 | 0089 96 | 0091 43 | 80 | 4 |
| 1 | 0089 99 | 0091 46 | 100 mA 25 | 4 |
| 1 | 0090 00 | 0091 47 | 40 | 4 |
| 1 | 0090 01 | 0091 48 | 63 | 4 |
| 1 | 0090 02 | 0091 49 | 80 | 4 |
| 1 | | 0091 50 | 100 | 4 |
| 1 | 0090 11 | 0091 58 | 300 mA 25 | 4 |
| 1 | 0090 12 | 0091 59 | 40 | 4 |
| 1 | 0090 13 | 0091 60 | 63 | 4 |
| 1 | 0090 14 | 0091 61 | 80 | 4 |
| 1 | | 0091 62 | 100 | 4 |

Auxiliaries for MCBs and RCDs

Clip on the left hand side of the MCB (maximum 3)
Allow insertion of the supply busbar at the top
Auxiliaries common to DX-H MCBs and DX RCDs

Signalling auxiliaries

| Pack | Cat. Nos. | Description | Number of 17.5 mm modules |
|------|-----------|--|---------------------------|
| 1 | 0073 50 | Auxiliary changeover switch, 6 A - 250 V~ Indicates the position of the contacts | 0-5 |
| 1 | 0073 51 | Fault signalling changeover switch, 6 A - 250 V~ Indicates tripping of the MCB at a fault | 0-5 |
| 1 | 0073 53 | Auxiliary changeover switch, 6 A - 250 V which can be modified to a fault signalling switch | 0-5 |
| 1 | 0073 54 | Auxiliary changeover switch, 6 A - 250 V + fault signalling switch, can be modified to 2 auxiliary changeover switches | 1 |