



# IDB-4 4P-40A-300 mA

IDB-4 4P-40A-300 mA, Residual current relay

Code: P17222.

- > Poles: 4
- > In (A): 40 A
- > Sensitivity: 300 mA
- > Mounting: DIN rail

## Specifications

### AC power supply

|                 |                   |
|-----------------|-------------------|
| Frequency       | 50/60 Hz          |
| Nominal voltage | 230 V ~ / 400 V ~ |

### Electrical characteristics

|                     |                 |
|---------------------|-----------------|
| Mechanical life     | 4000 operations |
| Electrical lifetime | 2000 cycles     |

### Mechanical characteristics

|                                  |                      |
|----------------------------------|----------------------|
| Size (mm) width x height x depth | 72 x 80 x 68 (mm)    |
| Fastening                        | DIN 46277 (EN 50022) |
| Weight (kg)                      | 0,3                  |

### Environmental characteristics

|                                          |                                       |
|------------------------------------------|---------------------------------------|
| Protection class                         | IP 20 (terminals), IP 41 (rear panel) |
| Relative humidity (without condensation) | 95%                                   |
| Working temperature                      | -25 ... +65 °C                        |

### Current measurement circuit

|                      |      |
|----------------------|------|
| Nominal current (In) | 40 A |
|----------------------|------|

### Standards

|                                          |                                     |
|------------------------------------------|-------------------------------------|
| Electrical safety, Maximum height (m)    | 2000                                |
| Electrical safety, Installation category | CAT III, IEC 61010                  |
| Standards                                | IEC 61008, IEC 62423, IEC 61008-2-1 |

### Electrical safety

|            |                                                                   |
|------------|-------------------------------------------------------------------|
| Insulation | Double-insulated electric shock protection class II (IEC 61010-1) |
|------------|-------------------------------------------------------------------|

### Differential protection

|                      |                                        |
|----------------------|----------------------------------------|
| Type                 | Type B                                 |
| Sensitivity (IΔn), A | 0,3                                    |
| Delay time (tΔ)      | Instantaneous or General (IEC 61008-1) |



# IDB-4 4P-40A-300 mA

RCCB type B Instantaneous 30 mA and 300 mA

Code: P17222.

IDB-4

| CODE    | TYPE                | In (A) | Mounting | Poles | Sensitivity |
|---------|---------------------|--------|----------|-------|-------------|
| P17221. | IDB-4 4P-40A-30 mA  | 40 A   | DIN rail | 4     | 30 mA       |
| P17222. | IDB-4 4P-40A-300 mA | 40 A   | DIN rail | 4     | 300 mA      |
| P17231. | IDB-4 4P-63A -30 mA | 63 A   | DIN rail | 4     | 30 mA       |
| P17232. | IDB-4 4P-63A -300mA | 63 A   | DIN rail | 4     | 300 mA      |



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RCCB type B Instantaneous 30 mA and 300 mA

Code: P17222.

## Dimensions



## Connections

