# DSRCD410030A

**NHP DIN-T Residual Current Circuit Breaker RCCB 3Pole and Neutral 100A 30mA Type A ABB Brand F204A**

DIN-T™
RESIDUAL CURRENT DEVICES




| | |
|---|---|
| **Component type** | Residual current circuit breaker (RCCB) |
| **Range** | DIN-T RCD |
| **Model** | N/A |
| **Alternative** | DTRCD410030A |

NHP's DIN-T range of residual current devices (RCDs) are a high-performance electrical safety solution designed for commercial, industrial and mining applications. These RCDs offer a high level of selectivity, with sensitives including 10mA, 30mA, 100mA and 300mA, and types starting at Type A for general purpose applications through to Type F and B for more complex loads.

| | | |
|---|---|---|
| **ELECTRICAL** | Number of poles | 4 |
| | Voltage type | AC |
| | Frequency | 50/60 Hz |
| | Rated current | 100 A |
| | Leakage current type | A |
| | Rated leakage current | 30 mA |
| | Concurrently switching neutral conductor | Yes |
| | Min. service voltage | 205 V |
| | Max. rated operation voltage Ue AC | 455 V |
| | Rated insulation voltage Ui | 440 V |
| | Rated impulse withstand voltage Uimp | 8 kV |
| | Rated fault current | 10000 A |
| | Selective protection | No |
| | Short-time delayed tripping | No |
| | Electrical life at Un, In (service cycles) | 10000 cycles |
| | Rated voltage | 400 V |
| | Short-circuit breaking capacity (Icw) | 1 kA |
| **CONSTRUCTION** | Mounting method | DIN rail |
| | IP rating | IP20 |
| | Additional equipment possible | Yes |
| **MECHANICAL** | Connectable conductor cross section solid-core | 50-50 mm² |
| | Mechanical life (service cycles) | 20000 cycles |
| | With interlocking device | Yes |
| | Connectable conductor cross section multi-wired | 0-35 mm² |
| **DIMENSIONS** | Height | 86 mm |



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| | | |
|---|---|---|
| **DIMENSIONS** | **Width** | 72 mm |
| | **Depth** | 76 mm |
| | **Weight** | 0.37 kg |
| | **Width in number of modular spacings** | 4 |
| | **Built-in depth** | 76 mm |
| **ENVIRONMENT** | **Operating temperature** | 55 °C |
| | **Rated temperature** | -25…55 °C |
| | **Storage temperature** | 70 °C |
| | **Pollution degree** | 2 |
| **CERTIFICATES/APPROVALS** | **Explosion-proof** | No |

## RELATED PRODUCTS

### ACCESSORY



**Item No:** DTAUXAL

**Required:** No

**Description:** NHP DIN-T Accessory Auxiliary with Alarm or Auxiliary Function and Silver Contact



**Item No:** DTAUXALG

**Required:** No

**Description:** NHP DIN-T Accessory Auxiliary with Selectable Alarm or Auxiliary Function and Gold Contact