

DSRCD4100500A

NHP DIN-T Residual Current Circuit Breaker RCCB 3Pole and Neutral 100A 500mA Type A ABB Brand F204A



Component type	Residual current circuit breaker (RCCB)
Range	DIN-T RCD
Model	N/A
Alternative	DTRCD4100500A

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 sensitivities 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	500 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 mm ²
Mechanical life (service cycles)	20000 cycles
With interlocking device	Yes
Connectable conductor cross section multi-wired	0-35 mm ²

DIMENSIONS

Height	86 mm
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DIN-T™
RESIDUAL CURRENT DEVICES

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
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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