DSRCD24030A

NHP DIN-T Residual Current Circuit Breaker RCCB 1Pole and Neutral 40A 30mA Type A

DIN-T™
RESIDUAL CURRENT DEVICES

Component type	Residual current circuit breaker (RCCB)
Range	DIN-T RCD
Model	N/A
Alternative	DTRCD24030A

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	2
	Voltage type	AC
	Frequency	50/60 Hz
	Rated current	40 A
	Leakage current type	A
	Rated leakage current	30 mA
	Concurrently switching neutral conductor	Yes
	Min. service voltage	117 V
	Max. rated operation voltage Ue AC	265 V
	Rated insulation voltage Ui	440 V
	Rated impulse withstand voltage Uimp	8 kV
	Rated fault current	10000 A
	Selective protection	No
	Electrical life at Un, In (service cycles)	10000 cycles
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
DIMENSIONS	Height	86 mm
	Width	36 mm
	Depth	76 mm
	Weight	0.25 kg
	Width in number of modular spacings	2
	Built-in depth	76 mm

Published on 02 May 2026

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