

DTRCD4100300A

NHP DIN-T Residual Current Device RCCB 3 Pole and Switched Neutral 100A 300mA Type A



Component type	Residual current circuit breaker (RCCB)
Range	MOD6+ Residual Current Devices
Model	N/A
Product status	New Item

NHP MOD6+ residual current devices (RCDs) offer a 6kA rating with a proven history in domestic and commercial applications. The MOD6+ RCD range offers many solutions for both 1 phase in 10mA and 30mA sensitivities as well as 3 phase in 30mA sensitivities. The MOD6+ RCDs can be easily installed into NHP loadcenters, as well as MOD6+ RCBOs into MOD6+ distribution Panelboards.

ELECTRICAL

Number of poles	4
Voltage type	AC
Frequency	50/60 Hz
Rated current	100 A
Leakage current type	A
Rated leakage current	300 mA
Concurrently switching neutral conductor	Yes
Min. service voltage	254 V
Max. rated operation voltage Ue AC	456 V
Rated insulation voltage Ui	500 V
Rated impulse withstand voltage Uimp	4 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	415 V
Surge current capacity	0.25 kA

CONSTRUCTION

Mounting method	DIN rail
Degree of protection (IP)	IP40
Additional equipment possible	Yes

MECHANICAL

Connectable conductor cross section solid-core	1-35 mm ²
Mechanical life (service cycles)	20000 cycles
Connectable conductor cross section multi-wired	1-25 mm ²

DIMENSIONS

Height	85 mm
Width	70 mm

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DIMENSIONS	Depth	75 mm
	Weight	0.38 kg
	Width in number of modular spacings	4
ENVIRONMENT	Operating temperature	70 °C
	Ambient temperature during operating	-25...70 °C
	Storage temperature	70 °C
	Pollution degree	2