



HNS063DC

Moulded Case Circuit Breaker h3+ P160 TM ADJ 3P3D 63A 40kA CTC

Technical characteristics

Electric current

Rated current	63 A
Rated ultimate short-circuit breaking capacity Icu under 400 V AC IEC 60947-2	40 kA
Rated ultimate short-circuit breaking capacity Icu under 240 V AC IEC 60947-2	50 kA
Rated service breaking capacity Ics under 230 V AC according to IEC 60947-2	50 kA
Rated service breaking capacity Ics under 400 V AC according to IEC 60947-2	40 kA

Architecture

Number of poles	3
Control/operation element	Toggle
Device construction type	Fixed built-in
Neutral position	Without neutral

Frequency

Frequency	50 - 60 Hz
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Voltage

Rated impulse withstand voltage Uimp	8,000 V
Rated insulation voltage Ui	800 V
Rated operational voltage Ue	220 - 690 V

Functions

Trip unit	TM A/A
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Power

Total power loss under IN	10.50 W
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Endurance

Electric endurance in number of cycles	10,000
Number of mechanical operations	40,000

Safety

Ingress Protection (IP) class	IP4X
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Connection

Cross-section flexible conductor	6 - 70 mm ²
Cross-section rigid conductor	6 - 95 mm ²

Connectivity

Cover, door

Interlockable	Yes
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Settings

Thermal protection knob setting xIN	0.63, 0.8, 1
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Cable

Cable material	Copper
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Compatibility

Compatible with RDC AOB	No
Suitable for DIN Rail	No
Suitable for distribution board	Yes

Dimensions

Height	130 mm
Width	90 mm
Depth	97 mm

Installation, mounting

Mounting-/Connection Position	Front
Nominal tightening torque	6 - 6 Nm

Main electrical attributes

Nominal tightening torque down terminal	6 - 6 Nm
Nominal tightening torque top terminal	6 - 6 Nm

Electrical protection

Instantaneous protection (Ii): dial setting coefficient	6, 8, 10, 12
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