



HMT161BR

Moulded Case Circuit Breaker h3+ P250 MAG 4P4D 160A 50kA FTC

Technical Features

Electric current

Rated current	160 A
Rated ultimate short-circuit breaking capacity Icu under 400 V AC IEC 60947-2	50 kA
Rated ultimate short-circuit breaking capacity Icu under 240 V AC IEC 60947-2	65 kA
Rated service breaking capacity Ics under 230 V AC according to IEC 60947-2	65 kA
Rated service breaking capacity Ics under 400 V AC according to IEC 60947-2	50 kA

Architecture

Number of poles	4
Control/operation element	Toggle
Device construction type	Fixed built-in
Neutral position	Left

Frequency

Frequency	50 - 60 Hz
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Voltage

Rated impulse withstand voltage Uimp	8000 V
Rated insulation voltage Ui	800 V

Functions

Trip unit	MAG (ICB)
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Power

Total power loss under IN	29.10 W
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Endurance

Electric endurance in number of cycles	10000
Number of mechanical operations	40000

Safety

Ingress Protection (IP) class	IP4X
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Connection

Cross-section flexible conductor	35 - 150 mm ²
Cross-section rigid conductor	35 - 185 mm ²

Installation, mounting

Nominal tightening torque	12 - 12 Nm
Mounting-/Connection Position	Front

Cover, door

Interlockable	Yes
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Cable

Cable material	Copper Aluminium
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Dimensions

Height	165 mm
Width	140 mm
Depth	97 mm

Compatibility

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

Electrical protection

Instantaneous protection (Ii): dial setting coefficient	6
	8
	10
	13

Sustainability

REACH-SVHC free	Yes
RoHS conform	Yes