



HMT101BR

### Moulded Case Circuit Breaker h3+ P250 MAG 4P4D 100A 50kA FTC

#### Technical Features

##### Electric current

Rated current	100 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 ultimate short-circuit breaking capacity Icu under 660 V AC IEC 60947-2	6 kA
Rated ultimate short-circuit breaking capacity Icu under 690 V AC IEC 60947-2	6 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	18 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 <sup>2</sup>
Cross-section rigid conductor	35 - 185 mm <sup>2</sup>

##### 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 (li): dial setting coefficient	6
	8
	10
	13

**Sustainability**

REACH-SVHC free	Yes
RoHS conform	Yes