



HMT100DR

**Moulded Case Circuit Breaker h3+ P250 TM ADJ 3P3D 100A 50kA FTC**

**Technical properties**

**Electric current**

Rated current	100 A
Rated ultimate short-circuit breaking capacity I <sub>cu</sub> under 400 V AC IEC 60947-2	50 kA
Rated ultimate short-circuit breaking capacity I <sub>cu</sub> under 240 V AC IEC 60947-2	65 kA
Rated service breaking capacity I <sub>cs</sub> under 230 V AC according to IEC 60947-2	65 kA
Rated service breaking capacity I <sub>cs</sub> under 400 V AC according to IEC 60947-2	50 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 U <sub>imp</sub>	8000 V
Rated insulation voltage U <sub>i</sub>	800 V
Rated operational voltage U <sub>e</sub>	220 - 690 V

**Functions**

Trip unit	TM A/A
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**Power**

Total power loss under I <sub>N</sub>	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>

**Cover, door**

Interlockable

Yes

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**Cable**

Cable material

Copper, Aluminium

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**Compatibility**

Compatible with RDC AOB

No

Suitable for DIN Rail

No

Suitable for distribution board

Yes

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**Dimensions**

Height

165 mm

Width

105 mm

Depth

97 mm

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**Installation, mounting**

Mounting-/Connection Position

Front

Nominal tightening torque

12 - 12 Nm

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**Electrical protection**

Instantaneous protection (Ii): dial setting  
coefficient

6, 8, 10, 13