



HMT200DR

**Moulded Case Circuit Breaker h3+ P250 TM ADJ 3P3D 200A 50kA FTC**

**Technical characteristics**

**Electric current**

Rated current	200 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
Rated current 10°C according to IEC 60947	263.80 A
Rated current 15°C according to IEC 60947	256.70 A
Rated current 20°C according to IEC 60947	249.40 A
Rated current 25°C according to IEC 60947	241.90 A
Rated current 30°C according to IEC 60947	234.10 A
Rated current at 35°C according to IEC 60947	226.10 A
Rated current at 40°C according to IEC 60947	217.70 A
Rated current 45°C according to IEC 60947	209 A
Rated current 50°C according to IEC 60947	200 A
Rated current 55°C according to IEC 60947	190.50 A
Rated current at 60°C according to IEC 60947	180.50 A
Rated current 65°C according to IEC 60947	170 A
Rated current 70°C according to IEC 60947	158.70 A

**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
<b>Power</b>	
Total power loss under IN	36 W
<b>Endurance</b>	
Electric endurance in number of cycles	10,000
Number of mechanical operations	40,000
<b>Safety</b>	
Ingress Protection (IP) class	IP4X
<b>Connection</b>	
Cross-section flexible conductor	35 - 150 mm <sup>2</sup>
Cross-section rigid conductor	35 - 185 mm <sup>2</sup>
<b>Cover, door</b>	
Interlockable	Yes
<b>Settings</b>	
Thermal protection knob setting xIN	0.63, 0.8, 1
<b>Cable</b>	
Cable material	Copper, Aluminium
<b>Compatibility</b>	
Compatible with RDC AOB	No
Suitable for DIN Rail	No
Suitable for distribution board	Yes
<b>Dimensions</b>	
Height	165 mm
Width	105 mm
Depth	97 mm
Downstream busbar: width, height, diameter screw (max.)	4 mm, 8.5 mm, 25 mm
Top stream busbar: width, height, diameter screw (max.)	4 mm, 8.5 mm, 25 mm
<b>Installation, mounting</b>	
Mounting-/Connection Position	Front
Nominal tightening torque	12 - 12 Nm
Nominal tightening torque down terminal	12 - 12 Nm
Nominal tightening torque top terminal	12 - 12 Nm
<b>Electrical protection</b>	
Instantaneous protection (Ii): dial setting coefficient	6, 8, 10, 12