

# Product Datasheet

## HMT201DR



HMT201DR

### Moulded Case Circuit Breaker h3+ P250 TM ADJ 4P4D N0-100% 200A 50kA FTC

#### Technical Features

##### Electric current

Rated current	200 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
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	4
Control/operation element	Toggle
Device construction type	Fixed built-in
Neutral position	Left

##### Frequency

Frequency	50 - 60 Hz
-----------	------------

##### 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
-----------	--------

##### Power

Total power loss under I <sub>N</sub>	36 W
---------------------------------------	------

##### Endurance

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

##### Safety

Ingress Protection (IP) class	IP4X
-------------------------------	------

##### 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
---------------	-----

##### Settings

Thermal protection knob setting xI <sub>N</sub>	0.63 0.8 1
-------------------------------------------------	------------------

# Product Datasheet

## HMT201DR

---

### Cable

Cable material	Copper Aluminium
----------------	---------------------

### Compatibility

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

### Dimensions

Dimensions	165 x 140 mm
Height	165 mm
Width	140 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

### Installation, mounting

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

### Electrical protection

Instantaneous protection (li): dial setting coefficient	6 8 10 12
---------------------------------------------------------	--------------------

### Sustainability

REACH-SVHC free	Yes
RoHS conform	Yes