



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 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	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	8000 V
Rated insulation voltage Ui	800 V
Rated operational voltage Ue	220 - 690 V

Functions

Trip unit	TM A/A
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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 ²
Cross-section rigid conductor	35 - 185 mm ²

Cover, door

Interlockable

Yes

Cable

Cable material

Copper, Aluminium

Compatibility

Compatible with RDC AOB

No

Suitable for DIN Rail

No

Suitable for distribution board

Yes

Dimensions

Height

165 mm

Width

105 mm

Depth

97 mm

Installation, mounting

Mounting-/Connection Position

Front

Nominal tightening torque

12 - 12 Nm

Electrical protection

Instantaneous protection (li): dial setting
coefficient

6, 8, 10, 13