



HMT064DR

Moulded Case Circuit Breaker h3+ P250 TM ADJ 4P4D N0-100% 63A 50kA FTC

Technical Features

Electric current

Rated current I_N	63 A
Rated ultimate short-circuit breaking capacity I_{cu} under 400 V AC IEC 60947-2	50 kA
Rated ultimate short-circuit breaking capacity I_{cu} under 240 V AC IEC 60947-2	65 kA
Rated service breaking capacity I_{cs} under 230 V AC according to IEC 60947-2	65 kA
Rated service breaking capacity I_{cs} under 400 V AC according to IEC 60947-2	50 kA
Rated ultimate short-circuit breaking capacity I_{cu} under 660 V AC IEC 60947-2	6 kA
Rated ultimate short-circuit breaking capacity I_{cu} under 690 V AC IEC 60947-2	6 kA
Rated current 10°C according to IEC 60947	83.10 A
Rated current 15°C according to IEC 60947	80.90 A
Rated current 20°C according to IEC 60947	78.60 A
Rated current 25°C according to IEC 60947	76.20 A
Rated current 30°C according to IEC 60947	73.70 A
Rated current at 35°C according to IEC 60947	71.20 A
Rated current at 40°C according to IEC 60947	68.60 A
Rated current 45°C according to IEC 60947	65.90 A
Rated current 50°C according to IEC 60947	63 A
Rated current 55°C according to IEC 60947	60 A
Rated current at 60°C according to IEC 60947	56.90 A
Rated current 65°C according to IEC 60947	53.50 A
Rated current 70°C according to IEC 60947	50 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_{imp}	8000 V
Rated insulation voltage U_i	800 V
Rated operational voltage U_e	220 - 690 V

Functions

Trip unit	TM A/A
-----------	--------

Power

Power dissipation at I_N	13.95 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 ²
Cross-section rigid conductor	35 - 185 mm ²

Cover, door

Interlockable	Yes
---------------	-----

Settings

Thermal protection knob setting xI_N	0.63 0.8 1
--	------------------

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

Installation, mounting

Mounting-/Connection Position	Front
Nominal tightening torque	12 - 12 Nm

Electrical protection

Instantaneous protection (li): dial setting coefficient	6 8 10 13
---	--------------------

Sustainability

REACH-SVHC free	Yes
RoHS conform	Yes