



HMJ250DR

Moulded Case Circuit Breaker h3 x630 TM ADJ 3P3D 250A 50kA FTC

Technical characteristics

Electric current

Rated current	250 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	85 kA
Rated service breaking capacity Ics under 230 V AC according to IEC 60947-2	85 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	293.30 A
Rated current 15°C according to IEC 60947	288.20 A
Rated current 20°C according to IEC 60947	283.10 A
Rated current 25°C according to IEC 60947	277.80 A
Rated current 30°C according to IEC 60947	272.50 A
Rated current at 35°C according to IEC 60947	267.10 A
Rated current at 40°C according to IEC 60947	261.50 A
Rated current 45°C according to IEC 60947	255.80 A
Rated current 50°C according to IEC 60947	250 A
Rated current 55°C according to IEC 60947	244.10 A
Rated current at 60°C according to IEC 60947	238 A
Rated current 65°C according to IEC 60947	231.70 A
Rated current 70°C according to IEC 60947	225.30 A

Architecture

Number of poles	3
Control/operation element	Toggle
Device construction type	Fixed built-in
Neutral position	Without neutral

Tripping

Response time when opening	10 ms
----------------------------	-------

Frequency

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

Voltage

Rated impulse withstand voltage Uimp	8,000 V
Rated insulation voltage Ui	800 V

Rated operational voltage Ue	220 - 415 V
------------------------------	-------------

Functions

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

Power

Total power loss under IN	71.4 W
---------------------------	--------

Safety

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

Settings

Thermal protection knob setting xIN	0.63, 0.8, 1
-------------------------------------	--------------

Cable

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

Compatibility

Compatible with RDC AOB	Yes
-------------------------	-----

Suitable for DIN Rail	No
-----------------------	----

Suitable for distribution board	Yes
---------------------------------	-----

Dimensions

Height	260 mm
--------	--------

Width	140 mm
-------	--------

Depth	150 mm
-------	--------

Downstream busbar: width, height, diameter screw (max.)	10 mm, 12 mm, 32 mm
---	---------------------

Top stream busbar: width, height, diameter screw (max.)	10 mm, 12 mm, 32 mm
---	---------------------

Installation, mounting

Mounting-/Connection Position	Front
-------------------------------	-------

Nominal tightening torque	18 - 18 Nm
---------------------------	------------

Nominal tightening torque down terminal	18 - 18 Nm
---	------------

Nominal tightening torque top terminal	18 - 18 Nm
--	------------