



HMT126DR

Moulded Case Circuit Breaker h3+ P250 TM ADJ 4P4D N0-100% 125A 50kA FTC

Technical Features

Electric current

Rated current I_N	125 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 at 10°C according to IEC 60947	151.70 A
Rated current at 15°C according to IEC 60947	148.60 A
Rated current at 20°C according to IEC 60947	145.50 A
Rated current at 25°C according to IEC 60947	142.30 A
Rated current at 30°C according to IEC 60947	139 A
Rated current at 35°C according to IEC 60947	135.60 A
Rated current at 40°C according to IEC 60947	132.20 A
Rated current at 45°C according to IEC 60947	128.60 A
Rated current at 50°C according to IEC 60947	125 A
Rated current at 55°C according to IEC 60947	121.30 A
Rated current at 60°C according to IEC 60947	117.40 A
Rated current at 65°C according to IEC 60947	113.40 A
Rated current at 70°C according to IEC 60947	109.30 A

Architecture

Number of poles	4
Control/operation element	Toggle
Device construction type	Fixed built-in
Neutral position	Left

Frequency

Frequency	50 - 60 Hz
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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
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Power

Power dissipation at I_N	27.90 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
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Settings

Thermal protection knob setting xI_N	0.63
	0.8
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Cable

Cable material	Copper Aluminium
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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
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Sustainability

REACH-SVHC free	Yes
RoHS conform	Yes