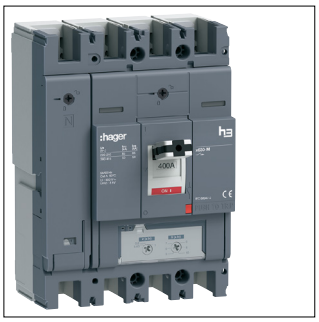
Product Datasheet
HMJ401DR



HMJ401DR

Moulded Case Circuit Breaker h3 x630 TM ADJ 4P4D N0-100% 400A 50kA FTC

Technical Features

Electric current	
Rated current IN	400 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 at 10°C according to IEC 60947	470.70 A
Rated current at 15°C according to IEC 60947	462.50 A
Rated current at 20°C according to IEC 60947	454.10 A
Rated current at 25°C according to IEC 60947	445.50 A
Rated current at 30°C according to IEC 60947	436.80 A
Rated current at 35°C according to IEC 60947	427.90 A
Rated current at 40°C according to IEC 60947	418.80 A
Rated current at 45°C according to IEC 60947	409.50 A
Rated current at 50°C according to IEC 60947	400 A
Rated current at 55°C according to IEC 60947	390.30 A
Rated current at 60°C according to IEC 60947	380.30 A
Rated current at 65°C according to IEC 60947	370 A
Rated current at 70°C according to IEC 60947	359.40 A
Architecture	
Number of poles	4
Control/operation element	Toggle
Device construction type	Fixed built-in
Neutral position	Left
Tripping	
Response time when opening	10 ms
Frequency	
Frequency	50 - 60 Hz
Voltage	
Rated impulse withstand voltage Uimp	8000 V
Rated insulation voltage Ui	800 V
Rated operational voltage Ue	220 - 415 V
Functions	
Trip unit	TM A/A
Power	
Power dissipation at IN	80 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	
Dimensions	260 x 185 mm
Height	260 mm
Width	185 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