



HEJ401GR

Moulded Case Circuit Breaker h3 x630 LSnl 4P4D N0-50-100% 400A 70kA FTC

Technical Features

Architecture

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

Cable

Cable material	Copper
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Compatibility

Compatible with RDC AOB	Yes
Suitable for DIN Rail	No
Suitable for distribution board	Yes

Connection

Connector/plug type	Terminal
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Controls and indicators

Motor drive integrated	No
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Dimensions

Depth	150 mm
Height	260 mm
Width	185 mm

Electrical protection

Instantaneous protection (li): dial setting coefficient	1
Long-time overload protection (ltd): delay (tr)	5 s
Short-time protection (std): current (Isd)	1.5
	2
	3
	4
	5
	6
	7
	8
	10
Short-time protection (std): delay (tsd)	100 ms

Electric current

Breaking capacity on 1-pole for AC 230 V IEC 60947-2	10 kA
Breaking capacity on 1-pole for AC 400 V IEC 60947-2	10 kA
Rated current	400 A
Rated current 10°C according to IEC 60947	400 A
Rated current 15°C according to IEC 60947	400 A
Rated current 20°C according to IEC 60947	400 A
Rated current 25°C according to IEC 60947	400 A
Rated current 30°C according to IEC 60947	400 A
Rated current 45°C according to IEC 60947	400 A
Rated current 50°C according to IEC 60947	400 A
Rated current 55°C according to IEC 60947	400 A
Rated current 65°C according to IEC 60947	400 A
Rated current 70°C according to IEC 60947	400 A
Rated current at 35°C according to IEC 60947	400 A
Rated current at 40°C according to IEC 60947	400 A
Rated current at 60°C according to IEC 60947	400 A
Rated service breaking capacity Ics under 230 V AC according to IEC 60947-2	100 kA
Rated service breaking capacity Ics under 400 V AC according to IEC 60947-2	70 kA
Rated ultimate short-circuit breaking capacity Icu under 230 V AC IEC 60947-2	100 kA
Rated ultimate short-circuit breaking capacity Icu under 240 V AC IEC 60947-2	100 kA

Electric current

Rated ultimate short-circuit breaking capacity I _{cu} under 400 V AC IEC 60947-2	70 kA
Rated ultimate short-circuit breaking capacity I _{cu} under 415 V AC IEC 60947-2	70 kA

Equipment

Number of auxiliary contacts as change-over contact	0
Number of auxiliary contacts as normally closed contact	0
Number of auxiliary contacts as normally open contact	0

Frequency

Frequency	50 - 60 Hz
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Functions

Trip unit	LSNI
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Installation, mounting

Mounting-/Connection Position	Front
Nominal tightening torque	18 - 18 Nm

Power

Power loss per pole at I _n	19.3 W
Total power loss under I _N	57.8 W

Power supply

Position power supply	Bidirectional
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Safety

Ingress Protection (IP) class	IP4X
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Settings

Adjustment range short-term delayed short-circuit release	218.4 - 4000.0 A
Ir1 current dial setting	160 A
	180 A
	200 A
	225 A
	250 A
	300 A
	350 A
	370 A
	400 A

Tripping

Response time when opening	10 ms
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Use conditions

Operating temperature	-25 - 70 °C
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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 - 415 V

Sustainability

RoHS conform	Yes
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