



HEE801H

## Moulded Case Circuit Breaker h1000 4P 70kA 800A LSI

### Technical properties

#### Electric current

Rated current	800 A
Rated ultimate short-circuit breaking capacity $I_{cu}$ under 230 V AC IEC 60947-2	100 kA
Rated ultimate short-circuit breaking capacity $I_{cu}$ under 240 V AC IEC 60947-2	100 kA
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
Breaking capacity on 1-pole for AC 230 V IEC 60947-2	60 kA
Breaking capacity on 1-pole for AC 400 V IEC 60947-2	9 kA

#### Architecture

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

#### Capacity

Number of modules	16
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#### Tripping

Response time when opening	10 ms
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#### Settings

Adjustment range short-term delayed short-circuit release	0 - 0 A
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#### Frequency

Frequency	50 - 60 Hz
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#### Installation, mounting

Nominal tightening torque	65 - 65 Nm
Mounting-/Connection Position	Front

#### 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	LSI
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**Main electrical attributes**

Magnetic protection trip time	100 - 200 ms
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**Power**

Total power loss under I <sub>N</sub>	153,60 W
Power loss per pole at I <sub>N</sub>	51,20 W

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**Endurance**

Electric endurance in number of cycles	1000
Number of mechanical operations	4000

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**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

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**Safety**

Ingress Protection (IP) class	IP4X
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**Use conditions**

Operating temperature	-25 - 70 °C
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**Connection**

Cross-section flexible conductor	2x 240 mm <sup>2</sup>
Cross-section rigid conductor	2x 240 mm <sup>2</sup>
Connector/plug type	Terminal

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**Controls and indicators**

Motor drive integrated	No
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**Compatibility**

Suitable for DIN Rail	No
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**Power supply**

Position power supply	Bidirectional
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