



HEK800U

**Moulded Case Circuit Breaker h800 3P 70kA 800A TM**

**Technical Features**

**Electric current**

Rated current	800 A
Rated ultimate short-circuit breaking capacity I <sub>cu</sub> under 400 V AC IEC 60947-2	70 kA
Rated ultimate short-circuit breaking capacity I <sub>cu</sub> under 240 V AC IEC 60947-2	100 kA

**Architecture**

Number of poles	3
Control/operation element	Toggle
Device construction type	Fixed built-in

**Tripping**

Response time when opening	10 ms
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**Frequency**

Frequency	50 - 60 Hz
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**Voltage**

Rated impulse withstand voltage U <sub>imp</sub>	8000 V
Rated insulation voltage U <sub>i</sub>	800 V

**Functions**

Trip unit	TM A/A
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**Power**

Total power loss under I <sub>N</sub>	172.80 W
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**Endurance**

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

**Safety**

Ingress Protection (IP) class	IP4X
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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>

**Installation, mounting**

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

**Connection**

Connector/plug type	Terminal
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**Settings**

Thermal protection knob setting xI <sub>N</sub>	0.4 0.5 0.63 0.9 0.95 1
Adjustment range short-term delayed short-circuit release	0 - 0 A

**Compatibility**

Suitable for DIN Rail	No
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**Main electrical attributes**

Magnetic protection trip time	100 - 200 ms
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