

### h3 MCCB h1000 3x800A Plug In 70kA

#### Technical Features

##### Electric current

Rated current	800 A
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
Rated ultimate short-circuit breaking capacity Icu under 400 V AC IEC 60947-2	70 kA
Rated ultimate short-circuit breaking capacity Icu 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	3
Control/operation element	Toggle
Device construction type	Built-in device plug-in technique

##### Capacity

Number of modules	12
-------------------	----

##### Tripping

Response time when opening	10 ms
----------------------------	-------

##### Settings

Magnetic protection knob setting xIN	2.5 5 8
Range of magnetic adjustment	4480 A 5600 A 7000 A 8960 A 9600 A 9600 A 9600 A
Thermal protection knob setting xIN	0.4 0.5 0.63 0.9 0.95 1
Adjustment range short-term delayed short-circuit release	0 - 0 A

##### Frequency

Frequency	50 - 60 Hz
-----------	------------

##### Installation, mounting

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

##### Voltage

Rated impulse withstand voltage Uimp	8000 V
Rated insulation voltage Ui	800 V
Rated operational voltage Ue	220 - 690 V

##### Functions

Trip unit	LSI
-----------	-----

##### Main electrical attributes

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

---

**Endurance**

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

---

**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

---

**Safety**

Ingress Protection (IP) class	IP4X
-------------------------------	------

---

**Use conditions**

Operating temperature	-25 - 70 °C
-----------------------	-------------

---

**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

---

**Controls and indicators**

Motor drive integrated	No
------------------------	----

---

**Compatibility**

Suitable for DIN Rail	No
-----------------------	----

---

**Power supply**

Position power supply	Bidirectional
-----------------------	---------------

---

**Sustainability**

REACH-SVHC free	Yes
-----------------	-----