



HCF990H

**Switch h1600 3P 1600A**

**Technical Features**

**Electric current**

Rated current	1600 A
---------------	--------

**Architecture**

Number of poles	3
Control/operation element	Toggle

**Connection**

Cross-section rigid conductor	3x 240 mm <sup>2</sup>
Cross-section flexible conductor	3x 240 mm <sup>2</sup>

**Voltage**

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

**Tripping**

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

**Frequency**

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

**Equipment**

Motor drive optional	Yes
----------------------	-----

**Functions**

Trip unit	Switch
-----------	--------

**Power**

Power loss per pole at I <sub>n</sub>	56.30 W
Total power loss under I <sub>N</sub>	168.90 W
Rated operational power under 400 V AC AC1	1053000 W

**Use conditions**

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

**Cover, door**

Interlockable	Yes
---------------	-----

**Safety**

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