



HCD631H

**Switch h630 4P 630A**

**Technical Features**

**Electric current**

Rated current	630 A
---------------	-------

**Architecture**

Number of poles	4
Control/operation element	Toggle

**Connection**

Cross-section rigid conductor	35 - 240 mm <sup>2</sup>
Cross-section flexible conductor	35 - 240 mm <sup>2</sup>

**Voltage**

Rated insulation voltage $U_i$	800 V
Rated impulse withstand voltage $U_{imp}$	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 $I_n$	50 W
Total power loss under $I_N$	150 W
Rated operational power under 400 V AC AC1	414000 W

**Use conditions**

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

**Cover, door**

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

**Safety**

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

**Sustainability**

Halogen free	Yes
REACH-SVHC free	Yes
RoHS conform	Yes