



HCE970H

**Switch h1000 3P 1000A**

**Technical Features**

**Electric current**

|               |        |
|---------------|--------|
| Rated current | 1000 A |
|---------------|--------|

**Architecture**

|                           |        |
|---------------------------|--------|
| Number of poles           | 3      |
| Control/operation element | Toggle |

**Connection**

|                                  |                        |
|----------------------------------|------------------------|
| Cross-section rigid conductor    | 2x 240 mm <sup>2</sup> |
| Cross-section flexible conductor | 2x 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>      | 62 W     |
| Total power loss under I <sub>N</sub>      | 186 W    |
| Rated operational power under 400 V AC AC1 | 658000 W |

**Use conditions**

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

**Cover, door**

|               |     |
|---------------|-----|
| Interlockable | Yes |
|---------------|-----|

**Safety**

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

**Sustainability**

|                 |     |
|-----------------|-----|
| REACH-SVHC free | Yes |
| RoHS conform    | Yes |