



HCF981H

### Switch h1600 4P 1250A

#### Technical Features

##### Electric current

|               |        |
|---------------|--------|
| Rated current | 1250 A |
|---------------|--------|

##### Architecture

|                           |        |
|---------------------------|--------|
| Number of poles           | 4      |
| 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 $U_i$            | 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 $I_n$               | 62.50 W  |
| Total power loss under $I_n$               | 187.50 W |
| Rated operational power under 400 V AC AC1 | 822000 W |

##### Use conditions

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

##### Cover, door

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

##### Safety

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