



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 ² |
| Cross-section flexible conductor | 2x 240 mm ² |

Voltage

| | |
|--|-------------|
| Rated insulation voltage U _i | 800 V |
| Rated impulse withstand voltage U _{imp} | 8000 V |
| Rated operational voltage U _e | 220 - 690 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 W |
| Total power loss under I _N | 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 |