



HAC406

Load break switch 4P 63A

Technical Features

Electric current

| | |
|---|------|
| Rated current | 63 A |
| Acceptable current rating AC21 | 63 A |
| Acceptable current rating AC21 category B | 63 A |

Architecture

| | |
|--------------|----|
| Type of pole | 4P |
|--------------|----|

Electric current

| | |
|---|------|
| Acceptable current rating AC22 category B | 63 A |
|---|------|

Architecture

| | |
|---------------------------|---------------------|
| Control/operation element | Short rotary handle |
|---------------------------|---------------------|

Electric current

| | |
|---|------|
| Acceptable current rating AC23 category A | 63 A |
| Acceptable current rating AC23 category B | 63 A |

Architecture

| | |
|-----------------|---|
| Number of poles | 4 |
|-----------------|---|

Electric current

| | |
|---|---------|
| Rated short-time withstand current I _{cw} 1s IEC 60947 | 1.50 kA |
| Rated short-time withstand current I _{cw} IEC 60947 | 1.50 kA |

Connection

| | |
|-------------------------------|--------------------|
| Cross-section rigid conductor | 35 mm ² |
|-------------------------------|--------------------|

Voltage

| | |
|--|-------------|
| Rated insulation voltage U _i | 800 V |
| Rated impulse withstand voltage U _{imp} | 8000 V |
| Rated operational voltage U _e | 380 - 415 V |

Power

| | |
|---|---------|
| Power loss per pole at I _n | 1.50 W |
| Total power loss under I _N | 6 W |
| Rated operational power under 400 V AC AC1 | 41000 W |
| Rated operational power under 400 V AC AC23 | 28000 W |

Installation, mounting

| | |
|---------------------------|---------------|
| Nominal tightening torque | 3.5 - 3.85 Nm |
|---------------------------|---------------|

Equipment

| | |
|---|----|
| Motor drive optional | No |
| Number of auxiliary contacts as change-over contact | 0 |
| Number of auxiliary contacts as normally closed contact | 0 |
| Number of auxiliary contacts as normally open contact | 0 |

Use conditions

| | |
|-----------------------|-------------|
| Operating temperature | -20 - 70 °C |
|-----------------------|-------------|

Cover, door

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

Safety

| | |
|-------------------------------|------|
| Ingress Protection (IP) class | IP20 |
|-------------------------------|------|

Frequency

| | |
|-----------|------------|
| Frequency | 50 - 50 Hz |
|-----------|------------|

Product Datasheet

HAC406

| | |
|--|----------------|
| Connectivity | |
| Type of connection | Screw terminal |
| Functions | |
| Is reversing switch | No |
| Version as emergency stop installation | No |
| Version as main switch | Yes |
| Version as maintenance/service switch | Yes |
| Version as safety switch | Yes |
| Version as switch disconnecter compact | Yes |
| Capacity | |
| Number of modules | 4 |
| Sustainability | |
| REACH-SVHC free | Yes |
| RoHS conform | Yes |