



HA406N

### Load break switch with visible breaking 4P 125A

#### Technical Features

##### Electric current

|   |         |
|---|---------|
| Rated current   | 125 A   |
| Acceptable current rating AC21  | 125 A   |
| Acceptable current rating AC21 category A   | 125 A   |
| Acceptable current rating AC21 category B   | 125 A   |
| Acceptable current rating AC22 category A   | 125 A   |
| Acceptable current rating AC22 category B   | 125 A   |
| Acceptable current rating AC23 category A   | 125 A   |
| Acceptable current rating AC23 category B   | 125 A   |
| Rated short-circuit making capacity I <sub>cm</sub> under 415 V AC according to IEC 60947-3 | 5.88 kA |
| Rated short-time withstand current I <sub>cw</sub> 1s IEC 60947                             | 4 kA    |
| Rated short-time withstand current I <sub>cw</sub> IEC 60947                                | 4 kA    |

##### Architecture

|                 |    |
|-----------------|----|
| Type of pole    | 4P |
| Number of poles | 4  |

##### Connection

|                                  |                    |
|----------------------------------|--------------------|
| Cross-section rigid conductor    | 95 mm <sup>2</sup> |
| Cross-section flexible conductor | 95 mm <sup>2</sup> |

##### Voltage

|  |             |
|--|-------------|
| Rated insulation voltage U <sub>i</sub>          | 800 V       |
| Rated impulse withstand voltage U <sub>imp</sub> | 8000 V      |
| Rated operational voltage U <sub>e</sub>         | 380 - 415 V |

##### Power

|   |         |
|---|---------|
| Power loss per pole at I <sub>n</sub>       | 2 W     |
| Total power loss under I <sub>N</sub>       | 8.10 W  |
| Rated operational power under 400 V AC AC1  | 82000 W |
| Rated operational power under 400 V AC AC23 | 56000 W |

##### 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 | IP00 |
|-------------------------------|------|

##### Architecture

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

##### Frequency

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

##### 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 disconnector compact | Yes |

Installation, mounting

|                           |            |
|---------------------------|------------|
| Nominal tightening torque | 9 - 9.9 Nm |
|---------------------------|------------|

Capacity

|                   |      |
|-------------------|------|
| Number of modules | 8.50 |
|-------------------|------|

Dimensions

|        |         |
|--------|---------|
| Height | 82.5 mm |
| Width  | 142 mm  |
| Depth  | 136 mm  |

Sustainability

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

Illustrations | Drawings

