



HI406R



Modular change-over switch 125A

Technical properties

Architecture

| | |
|-----------------|----------------|
| Number of poles | 4 P |
| Type of pole | 4 P |
| Type of case | Fixed built-in |

Functions

| | |
|------------------|-----|
| Reversing switch | Yes |
|------------------|-----|

Configuration

| | |
|-------------------|------|
| Number of modules | 12.5 |
|-------------------|------|

Controls and indicators

| | |
|------------------------|----|
| Motor drive integrated | No |
|------------------------|----|

Main electrical features

| | |
|------------------------------|-------------|
| Rated operational voltage Ue | 380 / 690 V |
| Frequency | 50/60 Hz |

Voltage

| | |
|---------------------------------|--------|
| Rated insulation voltage | 800 V |
| Rated impulse withstand voltage | 8000 V |
| Rated operational voltage in DC | 220 V |

Electric current

| | |
|--|--------|
| Rated operational current in AC21category B | 125 A |
| Acceptable current rating with AC22 category A | 125 A |
| Rated current | 125 A |
| Short-circuit current with gI-gG fuses | 50 kA |
| Rated short-time withstand current 1s | 2.5 kA |
| Thermal rated current outside of housings | 125 A |
| Rated operational current in AC21 category A | 125 A |
| Acceptable current rating with AC22 category B | 125 A |
| Rated operational current in AC23 category A | 63 A |
| Acceptable current rating with AC23 category B | 125 A |

Power

| | |
|-----------------------------------|-------|
| Nominal power under 440/500, 50Hz | 63 kW |
|-----------------------------------|-------|

| | |
|---|-------------|
| Nominal power under 660 V, 50 Hz | 33 kW |
| Active power under 380/415 V, 50 Hz | 63 kW |
| Total power loss under IN | 17.1 W |
| Power loss per pole at In | 5.7 W |
| Contact rating with 400 V in AC1 | 82 kW |
| Endurance | |
| Electrical durability at nominal load in AC21 in operating cycles | 1000 |
| Electrical durability at nominal load in AC22 in operating cycles | 200 |
| Number of mechanical operations | 10000 |
| Cover, door | |
| Interlockable | Yes |
| Equipment | |
| Number of auxiliary contacts as normally closed contact | 0 |
| Number of auxiliary contacts as normally open contact | 0 |
| Number of auxiliary contacts as change-over contact | 0 |
| Motor drive optional | No |
| Standards | |
| Standard text | IEC 60947-3 |
| European directive WEEE | concerned |
| Safety | |
| Protection index IP | IP20 |
| Use conditions | |
| Operating temperature | -20...70 °C |
| Storage/transport temperature | -40...65 °C |