



HI462



Change-over switch 4P 1250A

Technical properties

Architecture

| | |
|-----------------|-----------------|
| Type of order | Long thumb-grip |
| Number of poles | 4 P |
| Type of pole | 4 P |
| Type of case | Fixed built-in |

Functions

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

Controls and indicators

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

Main electrical features

| | |
|------------------------------|-------------------------|
| Rated operational voltage Ue | 380 / 400 / 500 / 690 V |
| Frequency | 50/60 Hz |

Voltage

| | |
|---------------------------------|-------------------|
| Rated insulation voltage | 1000 V |
| Rated impulse withstand voltage | 12000 V |
| Rated operational voltage in DC | 260 / 400 / 500 V |

Electric current

| | |
|------------------------------------------------|--------|
| Rated operational current in AC21 category B | 1250 A |
| Acceptable current rating with AC22 category A | 1250 A |
| Rated current | 1250 A |
| Short-circuit current with gI-gG fuses | 100 kA |
| Rated short-time withstand current 1s | 35 kA |
| Thermal rated current outside of housings | 1250 A |
| Rated operational current in AC21 category A | 1250 A |
| Acceptable current rating with AC22 category B | 1250 A |
| Rated operational current in AC23 category A | 630 A |
| Acceptable current rating with AC23 category B | 1250 A |

Dimensions

| | |
|-----------------------------|--------|
| Depth of installed product | 375 mm |
| Height of installed product | 330 mm |

Width of installed product 466 mm

Power

| | |
|-------------------------------------|---------|
| Nominal power under 440/500, 50Hz | 710 kW |
| Nominal power under 660 V, 50 Hz | 600 kW |
| Active power under 380/415 V, 50 Hz | 710 kW |
| Total power loss under IN | 279.9 W |
| Power loss per pole at In | 93.3 W |
| Contact rating with 400 V in AC1 | 822 kW |

Endurance

| | |
|-------------------------------------------------------------------|------|
| Electrical durability at nominal load in AC21 in operating cycles | 500 |
| Electrical durability at nominal load in AC22 in operating cycles | 100 |
| Number of mechanical operations | 4000 |

Cover, door

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

Connection

| | |
|------------------------------------|----------------------|
| Connection cross-sect. rigid cable | 4x185mm ² |
| Type of connection | Terminal |

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 |
|---------------|-------------|

Use conditions

| | |
|-------------------------------|------------------------------|
| Operating temperature | -20...70 °C |
| Air humidity protection | yes according to IEC 68-2-30 |
| Storage/transport temperature | -40...65 °C |