



HA458

Load break switch 4P 630A

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 | No |
|------------------|----|

Controls and indicators

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

Main electrical features

| | |
|------------------------------|-------------|
| Rated operational voltage Ue | 380 / 415 V |
|------------------------------|-------------|

Voltage

| | |
|---------------------------------|--------|
| Rated insulation voltage | 1000 V |
| Rated impulse withstand voltage | 8000 V |

Electric current

| | |
|--|-------|
| Rated operational current in AC21 category B | 630 A |
| Acceptable current rating with AC22 category A | 630 A |
| Cut off current | 45 kA |
| Rated current | 630 A |
| Short-circuit current with gI-gG fuses | 50 kA |
| Rated short-time withstand current 1s | 13 kA |
| Rated operational current in AC21 category A | 630 A |
| Acceptable current rating with AC22 category B | 630 A |
| Rated operational current in AC23 category A | 630 A |
| Acceptable current rating with AC23 category B | 630 A |

Power

| | |
|-------------------------------------|--------|
| Nominal power under 440/500, 50Hz | 220 kW |
| Nominal power under 660 V, 50 Hz | 150 kW |
| Active power under 380/415 V, 50 Hz | 220 kW |
| Total power loss under IN | 92.7 W |

| | |
|---|----------------------|
| Power loss per pole at In | 30.9 W |
| Contact rating with 400 V in AC1 | 414 kW |
| Cover, door | |
| Interlockable | Yes |
| Installation, mounting | |
| Fixation type | Back plate mounting |
| Connection | |
| Connection cross-sect. rigid cable | 2x300mm 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 |
| Width available for insulation connection | 240 mm ² |
| Motor drive optional | No |
| Standards | |
| Standard text | IEC 60947-3 |
| Safety | |
| REACH conform | Yes |
| RoHS conform | Yes |
| Halogen free | Yes |
| Use conditions | |
| Operating temperature | -20...70 °C |