



HA357

Load break switch 3P 400A

Technical properties

Architecture

| | |
|-----------------|-----------------|
| Type of order | Long thumb-grip |
| Number of poles | 3 P |
| Type of pole | 3 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 AC21category B | 400 A |
| Acceptable current rating with AC22 category A | 400 A |
| Cut off current | 30 kA |
| Rated current | 400 A |
| Short-circuit current with gI-gG fuses | 50 kA |
| Rated short-time withstand current 1s | 9 kA |
| Thermal rated current outside of housings | 400 A |
| Rated operational current in AC21 category A | 400 A |
| Acceptable current rating with AC22 category B | 400 A |
| Rated operational current in AC23 category A | 400 A |
| Acceptable current rating with AC23 category B | 400 A |
| Conventional thermal current under enclosure at 40°C | 400 A |

Dimensions

| | |
|-----------------------------|--------|
| Depth of installed product | 165 mm |
| Height of installed product | 235 mm |

Width of installed product

230 mm

Power

| | |
|-------------------------------------|--------|
| Nominal power under 440/500, 50Hz | 140 kW |
| Nominal power under 660 V, 50 Hz | 90 kW |
| Active power under 380/415 V, 50 Hz | 132 kW |
| Total power loss under IN | 43.2 W |
| Power loss per pole at In | 14.4 W |
| Contact rating with 400 V in AC1 | 263 kW |

Cover, door

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

Installation, mounting

| | |
|---------------|---------------------|
| Fixation type | Back plate mounting |
|---------------|---------------------|

Connection

| | |
|------------------------------------|----------------------|
| Connection cross-sect. rigid cable | 1x240mm 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 | 185 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 |
|-----------------------|-------------|