



HA407



Load break switch with visible breaking 4P 160A

Technical properties

Architecture

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

Functions

| | |
|------------------|----|
| Reversing switch | No |
|------------------|----|

Configuration

| | |
|-------------------|-----|
| Number of modules | 8.5 |
|-------------------|-----|

Controls and indicators

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

Main electrical features

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

Voltage

| | |
|---------------------------------|--------|
| Rated insulation voltage | 800 V |
| Rated impulse withstand voltage | 8000 V |

Electric current

| | |
|--|-------|
| Rated operational current in AC21category B | 160 A |
| Acceptable current rating with AC22 category A | 160 A |
| Cut off current | 20 kA |
| Rated current | 160 A |
| Short-circuit current with gI-gG fuses | 50 kA |
| Rated short-time withstand current 1s | 4 kA |
| Rated operational current in AC21 category A | 160 A |
| Rated operational current in AC23 category A | 160 A |
| Acceptable current rating with AC23 category B | 160 A |

Dimensions

| | |
|----------------------------|--------|
| Width of installed product | 142 mm |
|----------------------------|--------|

Power

| | |
|-------------------------------------|-------|
| Active power under 380/415 V, 50 Hz | 63 kW |
|-------------------------------------|-------|

| | |
|----------------------------------|--------|
| Total power loss under IN | 9.9 W |
| Power loss per pole at In | 3.3 W |
| Contact rating with 400 V in AC1 | 105 kW |

Cover, door

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

Installation, mounting

| | |
|-------------------|--|
| Tightening torque | 9 - 9.9 Nm |
| Fixation type | DIN rail mounting or back plate mounting |

Connection

| | |
|------------------------------------|-------------------|
| Connection cross-sect. rigid cable | 95mm 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 | 95 mm ² |
| Motor drive optional | No |

Standards

| | |
|---------------|-------------|
| Standard text | IEC 60947-3 |
|---------------|-------------|

Safety

| | |
|---------------|-----|
| REACH conform | Yes |
| RoHS conform | Yes |
| Halogen free | No |

Use conditions

| | |
|-----------------------|-------------|
| Operating temperature | -20...70 °C |
|-----------------------|-------------|