



HIB440M

Motorized transfer switch 4P 400A

Technical properties

Architecture

| | |
|-----------------|----------------|
| 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 | Yes |
|------------------------|-----|

Main electrical features

| | |
|------------------------------|-------------|
| Rated operational voltage Ue | 380 / 415 V |
| Frequency | 50/60 Hz |

Voltage

| | |
|---------------------------------|---------|
| Rated insulation voltage | 1000 V |
| Rated impulse withstand voltage | 12000 V |

Electric current

| | |
|------------------------------------------------|-------|
| Rated operational current in AC21category B | 400 A |
| Acceptable current rating with AC22 category A | 400 A |
| Rated current | 400 A |
| Short-circuit current with gI-gG fuses | 50 kA |
| Rated short-time withstand current 1s | 8 kA |
| Rating current 10°C according to IEC 60947 | 400 A |
| Rating current 15°C according to IEC 60947 | 400 A |
| Rating current 20°C according to IEC 60947 | 400 A |
| Rating current 25°C according to IEC 60947 | 400 A |
| Rating current 30°C according to IEC 60947 | 400 A |
| Rating current 35°C according to IEC 60947 | 400 A |
| Rating current 40°C according to IEC 60947 | 400 A |
| Rating current 45°C according to IEC 60947 | 360 A |
| Rating current 5°C according to IEC 60947 | 400 A |
| Rating current 50°C according to IEC 60947 | 360 A |
| Rating current 55°C according to IEC 60947 | 320 A |
| Rating current 60°C according to IEC 60947 | 320 A |
| Rating current 65°C according to IEC 60947 | 280 A |

| | |
|---------------------------------------------------------|---------------------------|
| Rating current 70°C according to IEC 60947 | 280 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 |
| Power | |
| Total power loss under I _N | 60.4 W |
| Power loss per pole at I _n | 15.1 W |
| Contact rating with 400 V in AC1 | 263 kW |
| Cover, door | |
| Interlockable | Yes |
| Connection | |
| Type of connection | Terminal |
| Equipment | |
| Number of auxiliary contacts as normally closed contact | 0 |
| Number of auxiliary contacts as normally open contact | 1 |
| Number of auxiliary contacts as change-over contact | 0 |
| Motor drive optional | No |
| Standards | |
| Standard text | IEC 60947-3 ; IEC 60947-6 |
| European directive WEEE | concerned |
| Safety | |
| Protection index IP | IP00 |
| Use conditions | |
| Altitude | 2000 m |
| Storage/transport temperature | -40...70 °C |