



HI456



## Change-over 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
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#### Controls and indicators

Motor drive integrated	No
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#### Main electrical features

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

#### Voltage

Rated insulation voltage	800 V
Rated impulse withstand voltage	8000 V
Rated operational voltage in DC	260 / 400 / 500 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
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

#### Power

Nominal power under 440/500, 50Hz	160 kW
Nominal power under 660 V, 50 Hz	110 kW
Active power under 380/415 V, 50 Hz	220 kW

Total power loss under IN	43.2 W
Power loss per pole at In	15.1 W
Contact rating with 400 V in AC1	263 kW

#### **Endurance**

Electrical durability at nominal load in AC21 in operating cycles	1000
Electrical durability at nominal load in AC22 in operating cycles	200
Number of mechanical operations	10000

#### **Cover, door**

Interlockable	Yes
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#### **Connection**

Type of connection	Terminal
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#### **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
European directive WEEE	concerned

#### **Safety**

Protection index IP	IP00
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