



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 AC21in operating cycles	1000
Electrical durability at nominal load in AC22 in operating cycles	200
Number of mechanical operations	10000
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	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
REACH conform	Yes
RoHS conform	Yes