



HI458



Change-over switch 4P 630A

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	1000 V
Rated impulse withstand voltage	12000 V
Rated operational voltage in DC	260 / 400 / 500 V

Electric current

Rated operational current in AC21category B	630 A
Acceptable current rating with AC22 category A	630 A
Rated current	630 A
Short-circuit current with gI-gG fuses	50 kA
Rated short-time withstand current 1s	10 kA
Thermal rated current outside of housings	630 A
Rated operational current in AC21 category A	630 A
Acceptable current rating with AC22 category B	630 A
Rated operational current in AC23 category A	630 A
Acceptable current rating with AC23 category B	630 A

Power

Nominal power under 440/500, 50Hz	355 kW
Nominal power under 660 V, 50 Hz	295 kW
Active power under 380/415 V, 50 Hz	355 kW

Total power loss under I _N	92.7 W
Power loss per pole at I _N	32.4 W
Contact rating with 400 V in AC1	414 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	5000
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
Use conditions	
Operating temperature	-20...70 °C
Storage/transport temperature	-40...65 °C