HI464

Change-over switch 4P 1600A

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	No

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 AC21 category B	1600 A
Acceptable current rating with AC22 category A	1600 A
Rated current	1600 A
Short-circuit current with gI-gG fuses	100 kA
Rated short-time withstand current 1s	50 kA
Thermal rated current outside of housings	1600 A
Rated operational current in AC21 category A	1600 A
Acceptable current rating with AC22 category B	1600 A
Rated operational current in AC23 category A	1600 A
Acceptable current rating with AC23 category B	1600 A

Dimensions

Depth of installed product	375 mm
Height of installed product	288 mm
Width of installed product	598 mm

Power

Nominal power under 440/500, 50Hz	900 kW
Nominal power under 660 V, 50 Hz	750 kW
Active power under 380/415 V, 50 Hz	710 kW
Total power loss under IN	366 W
Power loss per pole at In	122 W
Contact rating with 400 V in AC1	1053 kW

Endurance

Electrical durability at nominal load in AC21in operating cycles	500
Electrical durability at nominal load in AC22 in operating cycles	100
Number of mechanical operations	3000

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
Halogen free	Yes

Use conditions

Operating temperature	-20...70 °C
Storage/transport temperature	-40...65 °C

Subject to technical modifications