



HI460



Change-over switch 4P 800A

Technical properties

Architecture

Type of order	Long thumb-grip
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	800 A
Acceptable current rating with AC22 category A	800 A
Rated current	800 A
Short-circuit current with gI-gG fuses	50 kA
Rated short-time withstand current 1s	26 kA
Thermal rated current outside of housings	800 A
Rated operational current in AC21 category A	800 A
Acceptable current rating with AC22 category B	800 A
Rated operational current in AC23 category A	800 A
Acceptable current rating with AC23 category B	800 A

Dimensions

Depth of installed product	375 mm
Height of installed product	321 mm

Width of installed product	466 mm
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Power

Nominal power under 440/500, 50Hz	560 kW
Nominal power under 660 V, 50 Hz	475 kW
Active power under 380/415 V, 50 Hz	450 kW
Total power loss under IN	119.1 W
Power loss per pole at In	41.7 W
Contact rating with 400 V in AC1	526 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	4000

Cover, door

Interlockable	Yes
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Connection

Connection cross-sect. rigid cable	2x185 / 2x300mm ²
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
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Safety

REACH conform	Yes
RoHS conform	Yes
Halogen free	Yes

Use conditions

Air humidity protection	yes according to IEC 68-2-30
Storage/transport temperature	-40...65 °C