



HI464



Change-over switch 4P 1600A

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
Version as main switch	Yes
Version as emergency stop installation	No
Version as safety switch	Yes
Version as maintenance-/service switch	Yes

Controls and indicators

Motor drive integrated	No
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Main electrical features

Rated operational voltage Ue	380 / 415 / 500 / 690 V
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Voltage

Rated insulation voltage	1000 V
Rated impulse withstand voltage	12 kV

Electric current

Rated operational current in AC21category 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
Making capacity in peak short circuit	105 kA
Rated short-time withstand current I _{cw}	78 kA
Rated short-time withstand current 1s	50 kA
Rating current 10°C according to IEC 60947	1600 A
Rating current 15°C according to IEC 60947	1600 A
Rating current 20°C according to IEC 60947	1600 A
Rating current 25°C according to IEC 60947	1600 A
Rating current 30°C according to IEC 60947	1600 A
Rating current 35°C according to IEC 60947	1600 A
Rating current 40°C according to IEC 60947	1600 A

Rating current 45°C according to IEC 60947	1440 A
Rating current 5°C according to IEC 60947	1600 A
Rating current 50°C according to IEC 60947	1440 A
Rating current 55°C according to IEC 60947	1280 A
Rating current 60°C according to IEC 60947	1280 A
Rating current 65°C according to IEC 60947	1120 A
Rating current 70°C according to IEC 60947	1120 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	1250 A
Acceptable current rating with AC23 category B	1250 A
Conventional thermal current under enclosure at 40°C	1600 A
Dimensions	
Depth of installed product	375 mm
Height of installed product	288 mm
Width of installed product	598 mm
Power	
Contact rating with 400 V in AC1	1053 kW
Cover, door	
Interlockable	Yes
Materials	
Toggle colour	Black
Installation, mounting	
Suitable for front mounting center	No
Suitable for front mounting	No
Suitable for ground mounting	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 ; IEC 60947-6
Safety	

