



HI454



Change-over switch 4P 250A

Technical characteristics

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
Rated operational voltage in DC	220 / 440 V

Electric current

Rated operational current in AC21category B	250 A
Acceptable current rating with AC22 category A	250 A
Rated current	250 A
Short-circuit current with gI-gG fuses	50 kA
Making capacity in peak short circuit	22 kA
Rated short-time withstand current Icw	15 kA
Rated short-time withstand current 1s	8 kA
Rating current 10°C according to IEC 60947	250 A
Rating current 15°C according to IEC 60947	250 A
Rating current 20°C according to IEC 60947	250 A
Rating current 25°C according to IEC 60947	250 A
Rating current 30°C according to IEC 60947	250 A
Rating current 35°C according to IEC 60947	250 A

Rating current 40°C according to IEC 60947	250 A
Rating current 45°C according to IEC 60947	225 A
Rating current 5°C according to IEC 60947	250 A
Rating current 50°C according to IEC 60947	225 A
Rating current 55°C according to IEC 60947	200 A
Rating current 60°C according to IEC 60947	200 A
Rating current 65°C according to IEC 60947	175 A
Rating current 70°C according to IEC 60947	175 A
Rated operational current in AC21 category A	250 A
Acceptable current rating with AC22 category B	250 A
Rated operational current in AC23 category A	200 A
Acceptable current rating with AC23 category B	200 A
Conventional thermal current under enclosure at 40°C	250 A
Dimensions	
Depth of installed product	218 mm
Height of installed product	160 mm
Width of installed product	312 mm
Power	
Contact rating with 400 V in AC1	164 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

REACH conform

Yes

RoHS conform

Yes