



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
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 U _e	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	630 A
Acceptable current rating with AC22 category A	630 A
Rated current	630 A
Short-circuit current with gI-gG fuses	50 kA
Making capacity in peak short circuit	17 kA
Rated short-time withstand current I _{cw}	17 kA
Rated short-time withstand current 1s	10 kA
Rating current 10°C according to IEC 60947	630 A
Rating current 15°C according to IEC 60947	630 A
Rating current 20°C according to IEC 60947	630 A
Rating current 25°C according to IEC 60947	630 A
Rating current 30°C according to IEC 60947	630 A
Rating current 35°C according to IEC 60947	630 A
Rating current 40°C according to IEC 60947	630 A

Rating current 45°C according to IEC 60947	567 A
Rating current 5°C according to IEC 60947	630 A
Rating current 50°C according to IEC 60947	567 A
Rating current 55°C according to IEC 60947	504 A
Rating current 60°C according to IEC 60947	504 A
Rating current 65°C according to IEC 60947	441 A
Rating current 70°C according to IEC 60947	441 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	500 A
Acceptable current rating with AC23 category B	630 A
Conventional thermal current under enclosure at 40°C	630 A
Dimensions	
Depth of installed product	295 mm
Height of installed product	260 mm
Width of installed product	379 mm
Power	
Contact rating with 400 V in AC1	414 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
European directive WEEE	concerned

