



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 <sub>cw</sub>	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
<b>Dimensions</b>	
Depth of installed product	375 mm
Height of installed product	288 mm
Width of installed product	598 mm
<b>Power</b>	
Contact rating with 400 V in AC1	1053 kW
<b>Cover, door</b>	
Interlockable	Yes
<b>Materials</b>	
Toggle colour	Black
<b>Installation, mounting</b>	
Suitable for front mounting center	No
Suitable for front mounting	No
Suitable for ground mounting	Yes
<b>Connection</b>	
Type of connection	Terminal
<b>Equipment</b>	
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
<b>Standards</b>	
Standard text	IEC 60947-3 ; IEC 60947-6
<b>Safety</b>	

