



HA457

Load break switch 4P 400A

Technical properties

Arc	le i i			
Arc	nn	cec	tu	re

Type of pole 4 F Type of case Fixed built-in Type of case Fixed built-in Type of case Fixed built-in Functions Reversing switch No Controls and indicators Motor drive integrated No Main electrical features Rated operational voltage Ue 380 / 415 V Voltage Rated insulation voltage II 1000 V Rated insulation voltage II 1000 V Rated insulation voltage No Rated operational current in AC21category A Rated operational current with AC22 Rated operational current II 100 A Rated current Rated current II 100 A Rated operational current with gl-gG fuses Rated short-time withstand current 1s 9 kA Rated short-time withstand current 1s 9 kA Rated operational current in AC21 category A A Acceptable current rating with AC22 Rated operational current in AC21 category A A Acceptable current rating with AC22 Rated operational current in AC21 category A A Acceptable current rating with AC22 Rated operational current in AC23 category A A Acceptable current rating with AC23 Rated operational current rating with AC23 Rated operational current in AC23 category A A Acceptable current rating with AC23 Rated operational current rating with AC23 Rated o	Type of order	Long thumb-grip
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Functions Reversing switch No Controls and indicators Motor drive integrated No Main electrical features Rated operational voltage Ue 380 / 415 V Voltage Rated insulation voltage 1000 V Rated impulse withstand voltage 8000 V Electric current Rated operational current in AC21category 300 Acceptable current rating with AC22 category A 400 A Rated current Short-circuit current with gl-gG fuses 700 Acceptable current with gl-gG fuses 700 Acceptable current auting with AC21 category A 700 Acceptable current with gl-gG fuses 700 Acceptable current auting with AC22 category A 700 Acceptable current rating with AC22 category A 700 Acceptable current rating with AC22 category A 700 Acceptable current rating with AC22 category B 700 Acceptable current rating with AC22 category B 700 Acceptable current rating with AC23 category B 700 Acceptable current rating w	Type of pole	4 P
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Rated impulse withstand voltage Rated operational current in AC21category Acceptable current rating with AC22 category A Cut off current Rated current Rated current Acceptable current with gl-gG fuses Rated short-circuit current with gl-gG fuses Rated short-time withstand current 1s Paked operational current in AC21 category Acceptable current rating with AC22 category B Rated operational current in AC23 category Acceptable current rating with AC23 category B Conventional thermal current under enclosure at 40°C 400 A	Voltage	
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Rated current Short-circuit current with gl-gG fuses Rated short-time withstand current 1s Paked operational current in AC21 category A Acceptable current rating with AC22 category B Rated operational current in AC23 category A Acceptable current rating with AC22 category B Rated operational current in AC23 category A Conventional thermal current under enclosure at 40°C 400 A Conventional thermal current under	Acceptable current rating with AC22 category A	400 A
Short-circuit current with gI-gG fuses Rated short-time withstand current 1s 9 kA Thermal rated current outside of housings Rated operational current in AC21 category A Acceptable current rating with AC22 category B Rated operational current in AC23 category A Acceptable current rating with AC23 category B Acceptable current rating with AC23 category B Conventional thermal current under enclosure at 40°C 400 A	Cut off current	30 kA
Rated short-time withstand current 1s 9 kA Thermal rated current outside of housings Rated operational current in AC21 category A Acceptable current rating with AC22 category B Rated operational current in AC23 category A Acceptable current rating with AC23 category B Acceptable current rating with AC23 category B Acceptable current rating with AC23 category B Conventional thermal current under enclosure at 40°C 400 A	Rated current	400 A
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Rated operational current in AC23 category A Comparison of the state	Rated operational current in AC21 category A	400 A
Acceptable current rating with AC23 category B 400 A Conventional thermal current under enclosure at 40°C 400 A	Acceptable current rating with AC22 category B	400 A
Conventional thermal current under enclosure at 40°C 400 A	Rated operational current in AC23 category A	400 A
enclosure at 40°C 400 A	Acceptable current rating with AC23 category B	400 A
James .	Conventional thermal current under enclosure at 40°C	400 A
rower	Power	
	Nominal power under 440/500, 50Hz	140 kW
	Nominal power under 660 V, 50 Hz	90 kW

Active power under 380/415 V, 50 Hz	132 kW
Total power loss under IN	57.6 W
Power loss per pole at In	14.4 W
Contact rating with 400 V in AC1	263 kW
Cover, door	
Interlockable	Yes
Installation, mounting	
Fixation type	Back plate monting
Connection	
Connection cross-sect. rigid cable	1x240mm²
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
Width available for insulation connection	185 mm²
Motor drive optional	No
Standards	
Standard text	IEC 60947-3
European directive WEEE	concerned
Safety	
Protection index IP	IP00
Use conditions	
Operating temperature	-2070 °C