



HIC490G

Automatic transfer switch 4x 1000A

Technical properties

Architecture

Type of order	Not applicable
Number of poles	4 P
Type of pole	4 P
Type of case	Fixed built-in

Functions

Reversing switch	Yes
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Controls and indicators

Motor drive integrated	Yes
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Main electrical features

Rated operational voltage Ue	380 / 415 V
Frequency	50/60 Hz

Voltage

Rated insulation voltage	1000 V
Rated impulse withstand voltage	12000 V

Electric current

Rated operational current in AC21category B	1000 A
Acceptable current rating with AC22 category A	1000 A
Rated current	1000 A
Short-circuit current with gl-gG fuses	100 kA
Rated short-time withstand current 1s	35 kA
Rating current 10°C according to IEC 60947	1000 A
Rating current 15°C according to IEC 60947	1000 A
Rating current 20°C according to IEC 60947	1000 A
Rating current 25°C according to IEC 60947	1000 A
Rating current 30°C according to IEC 60947	1000 A
Rating current 35°C according to IEC 60947	1000 A
Rating current 40°C according to IEC 60947	1000 A
Rating current 45°C according to IEC 60947	900 A
Rating current 5°C according to IEC 60947	1000 A
Rating current 50°C according to IEC 60947	900 A
Rating current 55°C according to IEC 60947	800 A
Rating current 60°C according to IEC 60947	800 A

Rating current 65°C according to IEC 60947	700 A
Rating current 70°C according to IEC 60947	700 A
Rated operational current in AC21 category A	1000 A
Acceptable current rating with AC22 category B	1000 A
Rated operational current in AC23 category A	1000 A
Acceptable current rating with AC23 category B	1000 A
Conventional thermal current under enclosure at 40°C	1000 A
Power	
Total power loss under I _N	187.6 W
Power loss per pole at I _n	46.9 W
Contact rating with 400 V in AC1	658 kW
Cover, door	
Interlockable	Yes
Connection	
Type of connection	Terminal
Equipment	
Number of auxiliary contacts as normally closed contact	0
Number of auxiliary contacts as normally open contact	1
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
Halogen free	No
Use conditions	
Altitude	2000 m
Storage/transport temperature	-40...70 °C