



HAC410

Load break switch 4P 100A

Technical characteristics

Architecture

Type of order	Short thumb-grip
Number of poles	4 P
Type of pole	4 P
Type of case	Fixed built-in

Functions

Reversing switch	No
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Configuration

Number of modules	4
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Controls and indicators

Motor drive integrated	No
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Main electrical features

Rated operational voltage Ue	380 / 415 V
Frequency	50 Hz

Voltage

Rated insulation voltage	800 V
Rated impulse withstand voltage	8000 V

Electric current

Rated operational current in AC21category B	100 A
Rated current	100 A
Short-circuit current with gI-gG fuses	25 kA
Rated short-time withstand current 1s	1.5 kA
Acceptable current rating with AC22 category B	100 A
Rated operational current in AC23 category A	80 A
Acceptable current rating with AC23 category B	80 A

Power

Total power loss under I _N	16 W
Power loss per pole at I _N	4 W
Contact rating with 400 V in AC1	65 kW

Cover, door

Interlockable	Yes
Installation, mounting	
Tightening torque	3.5 - 3.85 Nm
Connection	
Connection cross-sect. rigid cable	35mm ²
Type of connection	with screw
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
Safety	
REACH conform	Yes
RoHS conform	Yes
Halogen free	No
Use conditions	
Operating temperature	-20...70 °C