



HAC310

Load break switch 3P 100A

Technical properties

Architecture

Type of order	Short thumb-grip
Number of poles	3 P
Type of pole	3 P
Type of case	Fixed built-in

Functions

Reversing switch	No
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Configuration

Number of modules	3
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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	12 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 35mm²

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