



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 <sub>N</sub>	16 W
Power loss per pole at I <sub>N</sub>	4 W
Contact rating with 400 V in AC1	65 kW

**Cover, door**

Interlockable Yes

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**Installation, mounting**

Tightening torque 3.5 - 3.85 Nm

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**Connection**

Connection cross-sect. rigid cable 35mm<sup>2</sup>

Type of connection with screw

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**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

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**Standards**

European directive WEEE concerned

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**Safety**

Protection index IP IP20

REACH conform Yes

RoHS conform Yes

Halogen free No

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**Use conditions**

Operating temperature -20...70 °C