



HAC410

**Load break switch 4P 100A**

**Technical Features**

**Electric current**

Rated current	100 A
Acceptable current rating AC21	100 A
Acceptable current rating AC21 category A	100 A
Acceptable current rating AC21 category B	100 A
Acceptable current rating AC22 category A	100 A

**Architecture**

Type of pole	4P
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**Electric current**

Acceptable current rating AC22 category B	100 A
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**Architecture**

Control/operation element	Short rotary handle
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**Electric current**

Acceptable current rating AC23 category A	100 A
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**Architecture**

Neutral position	Without neutral
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**Electric current**

Acceptable current rating AC23 category B	100 A
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**Architecture**

Number of poles	4
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**Electric current**

Rated short-time withstand current $I_{cw}$ 1s IEC 60947	1.50 kA
Rated short-time withstand current $I_{cw}$ $t=1s$ 380 - 415 V AC according to IEC 60947 - 3	1.50 kA
Rated conditional short-circuit current $I_{cc}$ with gI-gG fuses	25 kA

**Connection**

Cross-section rigid conductor	35 mm <sup>2</sup>
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**Voltage**

Rated insulation voltage $U_i$	800 V
Rated impulse withstand voltage $U_{imp}$	8000 V
Rated operational voltage $U_e$	380 - 415 V
Type voltage supply	AC

**Power**

Power loss per pole at $I_n$	4 W
Total power loss under $I_N$	16 W
Rated operational power under 400 V AC AC1	65000 W
Rated operational power under 400 V AC AC23	36000 W

**Installation, mounting**

Nominal tightening torque	3.5 - 3.85 Nm
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**Equipment**

Motor drive optional	No
Number of auxiliary contacts as change-over contact	0
Number of auxiliary contacts as normally closed contact	0
Number of auxiliary contacts as normally open contact	0

**Use conditions**

Operating temperature	-20 - 70 °C
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**Cover, door**

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Interlockable	Yes
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**Safety**

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Ingress Protection (IP) class	IP20
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**Frequency**

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Frequency	50 - +50 Hz
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**Connectivity**

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Type of connection	Screw terminal
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**Functions**

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Is reversing switch	No
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Version as emergency stop installation	No
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Version as main switch	Yes
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Version as maintenance/service switch	Yes
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Version as safety switch	Yes
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Version as switch disconnecter compact	Yes
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**Equipment**

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Sealable	Yes
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**Capacity**

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Number of modules	4
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**Sustainability**

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REACH-SVHC free	Yes
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RoHS conform	Yes
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