



HAC310

**Load break switch 3P 100A**

**Technical Features**

**Electric current**

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

**Architecture**

Type of pole	3P
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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	80 A
Acceptable current rating AC23 category B	80 A

**Architecture**

Number of poles	3
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**Electric current**

Rated short-time withstand current I <sub>cw</sub> 1s IEC 60947	1.50 kA
Rated short-time withstand current I <sub>cw</sub> IEC 60947	1.50 kA
Rated conditional short-circuit current I <sub>cc</sub> with gl-gG fuses	25 kA

**Connection**

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

Rated insulation voltage U <sub>i</sub>	800 V
Rated impulse withstand voltage U <sub>imp</sub>	8000 V
Rated operational voltage U <sub>e</sub>	380 - 415 V

**Power**

Power loss per pole at I <sub>n</sub>	4 W
Total power loss under I <sub>N</sub>	12 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**

Interlockable	Yes
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**Safety**

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

Frequency	50 - 50 Hz
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**Connectivity**

Type of connection	Screw terminal
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**Functions**

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

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**Capacity**

Number of modules	3
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**Sustainability**

REACH-SVHC free	Yes
RoHS conform	Yes

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