



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 _{cw} 1s IEC 60947	1.50 kA
Rated short-time withstand current I _{cw} IEC 60947	1.50 kA
Rated conditional short-circuit current I _{cc} with gl-gG fuses	25 kA

Connection

Cross-section rigid conductor	35 mm ²
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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

Power

Power loss per pole at I _n	4 W
Total power loss under I _N	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
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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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Capacity

Number of modules	3
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Sustainability

REACH-SVHC free	Yes
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RoHS conform	Yes
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