



HAC310

Load break switch 3P 100A

Technical properties

Electric current

Rated current	100 A
Acceptable current rating AC21	100 A
Acceptable current rating AC21 category B	100 A
Acceptable current rating AC22 category B	100 A
Acceptable current rating AC23 category A	80 A
Acceptable current rating AC23 category B	80 A
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

Architecture

Type of pole	3P
Control/operation element	Short rotary handle
Number of poles	3

Connection

Cross-section rigid conductor	35 mm ²
-------------------------------	--------------------

Voltage

Rated insulation voltage U _i	800 V
Rated impulse withstand voltage U _{imp}	8,000 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	65,000 W
Rated operational power under 400 V AC AC23	36,000 W

Installation, mounting

Nominal tightening torque	3.5 - 3.85 Nm
---------------------------	---------------

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
Cover, door	
Interlockable	Yes
Safety	
Ingress Protection (IP) class	IP20
Frequency	
Frequency	50 - 50 Hz
Connectivity	
Type of connection	Screw terminal
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
Capacity	
Number of modules	3