



HAD310

## Load break switch 3P 100A

### Technical properties

#### 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 AC23 category A	100 A
Rated short-time withstand current I <sub>cs</sub> 1s IEC 60947	2.75 kA
Rated short-time withstand current I <sub>cs</sub> IEC 60947	2.75 kA

#### Architecture

Control/operation element	Short rotary handle
Number of poles	3

#### Connection

Cross-section rigid conductor	70 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>	8,000 V
Rated operational voltage U <sub>e</sub>	380 - 415 V

#### Power

Power loss per pole at I <sub>n</sub>	4.30 W
Total power loss under I <sub>N</sub>	12.90 W
Rated operational power under 400 V AC AC1	65,000 W
Rated operational power under 400 V AC AC23	45,000 W

#### Installation, mounting

Nominal tightening torque	4 - 4.4 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

<b>Use conditions</b>	
Operating temperature	-20 - 70 °C
<b>Cover, door</b>	
Interlockable	Yes
<b>Safety</b>	
Ingress Protection (IP) class	IP20
<b>Frequency</b>	
Frequency	50 - 50 Hz
<b>Connectivity</b>	
Type of connection	Screw terminal
<b>Functions</b>	
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
<b>Capacity</b>	
Number of modules	4.45