

# Product Datasheet

## HAE410



HAE410

### Load break switch visible break. 4P 100A

#### Technical Features

##### 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	100 A
Acceptable current rating AC23 category B	100 A
Rated short-circuit making capacity I <sub>cm</sub> under 415 V AC according to IEC 60947-3	7 kA
Rated short-time withstand current I <sub>cw</sub> 1s IEC 60947	4 kA
Rated short-time withstand current I <sub>cw</sub> IEC 60947	4 kA

##### Architecture

Type of pole	4P
Number of poles	4

##### Connection

Cross-section rigid conductor	70 mm <sup>2</sup>
Cross-section flexible conductor	70 mm <sup>2</sup>

##### 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>	3 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	45000 W

##### 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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##### Architecture

Control/operation element	Short rotary handle
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##### Frequency

Frequency	50 - 60 Hz
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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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Installation, mounting	
Nominal tightening torque	4 - 4.4 Nm
Capacity	
Number of modules	7.71
Connectivity	
Type of connection	Screw terminal
Dimensions	
Height	84 mm
Width	135 mm
Depth	132 mm
Sustainability	
REACH-SVHC free	Yes
RoHS conform	Yes

Illustrations | Drawings

