



HAE416



## Load break switch visible break. 4P 160A

### Technical properties

#### Architecture

Type of order	Short thumb-grip
Number of poles	4 P
Type of case	Fixed built-in

#### Functions

Reversing switch	No
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#### Configuration

Number of modules	7.71
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#### Controls and indicators

Motor drive integrated	No
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#### Main electrical features

Rated operational voltage Ue	380 / 415 V
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#### Voltage

Rated insulation voltage	800 V
Rated impulse withstand voltage	8000 V

#### Electric current

Rated operational current in AC21category B	160 A
Rated current	160 A
Short-circuit current with gI-gG fuses	50 kA
Rated short-time withstand current 1s	4 kA
Acceptable current rating with AC22 category B	160 A
Rated operational current in AC23 category A	125 A
Acceptable current rating with AC23 category B	160 A

#### Power

Total power loss under I <sub>N</sub>	30 W
Power loss per pole at I <sub>N</sub>	7.5 W
Contact rating with 400 V in AC1	105 kW

#### Cover, door

Interlockable	Yes
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#### Installation, mounting

**Connection**

Connection cross-sect. rigid cable	70mm <sup>2</sup>
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**Equipment**

Number of auxiliary contacts as normally closed contact	0
Number of auxiliary contacts as normally open contact	0
Number of auxiliary contacts as change-over contact	0
Width available for insulation connection	95 mm <sup>2</sup>
Motor drive optional	No

**Standards**

Standard text	IEC 60947-3
European directive WEEE	concerned

**Safety**

REACH conform	Yes
RoHS conform	Yes
Halogen free	No

**Use conditions**

Operating temperature	-20...70 °C
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