



HAE416



Load break switch visible break. 4P 160A

Technical properties

Architecture

Type of order	Short thumb-grip
Number of poles	4 P
Type of pole	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 _N	30 W
Power loss per pole at I _N	7.5 W
Contact rating with 400 V in AC1	105 kW

Cover, door

Interlockable	Yes
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Installation, mounting

Tightening torque	4 - 4.4 Nm
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Connection

Connection cross-sect. rigid cable	70mm ²
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Type of connection	with screw
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Equipment

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

Standard text	IEC 60947-3
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Safety

REACH conform	Yes
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RoHS conform	Yes
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Halogen free	No
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Use conditions

Operating temperature	-20...70 °C
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