



HA458

Load break switch 4P 630A

Technical characteristics

Architecture

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

Functions

Reversing switch	No
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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	1000 V
Rated impulse withstand voltage	8000 V

Electric current

Rated operational current in AC21category B	630 A
Acceptable current rating with AC22 category A	630 A
Cut off current	45 kA
Rated current	630 A
Short-circuit current with gI-gG fuses	50 kA
Rated short-time withstand current 1s	13 kA
Rated operational current in AC21 category A	630 A
Acceptable current rating with AC22 category B	630 A
Rated operational current in AC23 category A	630 A
Acceptable current rating with AC23 category B	630 A

Power

Nominal power under 440/500, 50Hz	220 kW
Nominal power under 660 V, 50 Hz	150 kW
Active power under 380/415 V, 50 Hz	220 kW
Total power loss under IN	92.7 W
Power loss per pole at In	30.9 W

Cover, door

Interlockable	Yes
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Installation, mounting

Fixation type	Back plate mounting
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Connection

Connection cross-sect. rigid cable	2x300mm ²
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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	240 mm ²
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Motor drive optional	No
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Standards

Standard text	IEC 60947-3
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European directive WEEE	concerned
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Safety

Protection index IP	IP00
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REACH conform	Yes
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RoHS conform	Yes
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Halogen free	Yes
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Use conditions

Operating temperature	-20...70 °C
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