



HA457

Load break switch 4P 400A

Technical Features

Electric current

Rated current	400 A
Rated short-time withstand current I _{cs} IEC 60947	9 kA
Acceptable current rating AC21	400 A
Acceptable current rating AC21 category A	400 A
Acceptable current rating AC21 category B	400 A
Acceptable current rating AC22 category A	400 A
Acceptable current rating AC22 category B	400 A
Acceptable current rating AC23 category A	400 A
Acceptable current rating AC23 category B	400 A
Rated short-circuit making capacity I _{cm} under 415 V AC according to IEC 60947-3	15.30 kA
Rated short-time withstand current I _{cs} 1s IEC 60947	9 kA

Architecture

Number of poles	4
Control/operation element	Long rotary handle
Device construction type	Fixed built-in
Type of pole	4P

Dimensions

Height	160 mm
Width	130 mm
Depth	230 mm

Cover, door

Interlockable	Yes
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Safety

Ingress Protection (IP) class	IP00
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Connection

Cross-section rigid conductor	240 mm ²
Cross-section flexible conductor	240 mm ²

Voltage

Rated insulation voltage U _i	1000 V
Rated impulse withstand voltage U _{imp}	8000 V
Rated operational voltage U _e	380 - 415 V

Power

Power loss per pole at I _n	14.40 W
Total power loss under I _N	57.60 W
Rated operational power under 400 V AC AC1	263000 W
Rated operational power under 400 V AC AC23	112000 W

Controls and indicators

Motor drive integrated	No
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Use conditions

Operating temperature	-20 - 70 °C
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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

Functions

Version as safety switch	Yes
Version as switch disconnecter compact	Yes

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

Installation, mounting

Nominal tightening torque	20 - 22 Nm
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Sustainability

Halogen free	Yes
REACH-SVHC free	Yes
RoHS conform	Yes