



HA458

## Load break switch 4P 630A

### Technical properties

#### Electric current

Rated current	630 A
Rated short-time withstand current I <sub>cw</sub> IEC 60947	13 kA
Acceptable current rating AC21	630 A
Acceptable current rating AC21 category A	630 A
Acceptable current rating AC21 category B	630 A
Acceptable current rating AC22 category A	630 A
Acceptable current rating AC22 category B	630 A
Acceptable current rating AC23 category A	630 A
Acceptable current rating AC23 category B	630 A
Rated short-circuit making capacity I <sub>cm</sub> under 415 V AC according to IEC 60947-3	26 kA
Rated short-time withstand current I <sub>cw</sub> 1s IEC 60947	13 kA

#### Architecture

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

#### Dimensions

Height	270 mm
Width	160 mm
Depth	315 mm

#### Cover, door

Interlockable	Yes
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#### Safety

Ingress Protection (IP) class	IP00
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#### Connection

Cross-section rigid conductor	2x 300 mm <sup>2</sup>
Cross-section flexible conductor	2x 300 mm <sup>2</sup>

#### Voltage

Rated insulation voltage U <sub>i</sub>	1,000 V
Rated impulse withstand voltage U <sub>imp</sub>	8,000 V
Rated operational voltage U <sub>e</sub>	380 - 415 V

<b>Power</b>	
Power loss per pole at In	30.90 W
Total power loss under IN	92.70 W
Rated operational power under 400 V AC AC1	414,000 W
Rated operational power under 400 V AC AC23	225,000 W
<b>Controls and indicators</b>	
Motor drive integrated	No
<b>Use conditions</b>	
Operating temperature	-20 - 70 °C
<b>Frequency</b>	
Frequency	50 - 60 Hz
<b>Functions</b>	
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
<b>Equipment</b>	
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
<b>Installation, mounting</b>	
Nominal tightening torque	40 - 45 Nm