



HAB406

**Load break switch 4P 63A**

**Technical Features**

**Electric current**

Rated current	63 A
Acceptable current rating AC21	63 A
Acceptable current rating AC21 category A	63 A
Acceptable current rating AC21 category B	63 A
Acceptable current rating AC22 category A	63 A

**Architecture**

Type of pole	4P
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**Electric current**

Acceptable current rating AC22 category B	63 A
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**Architecture**

Control/operation element	Short rotary handle
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**Electric current**

Acceptable current rating AC23 category A	40 A
Acceptable current rating AC23 category B	40 A

**Architecture**

Number of poles	4
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**Electric current**

Rated short-circuit making capacity $I_{cm}$ under 415 V AC according to IEC 60947-3	1.50 kA
Rated short-time withstand current $I_{cw}$ 1s IEC 60947	1.26 kA
Rated short-time withstand current $I_{cw}$ IEC 60947	1.26 kA
Rated conditional short-circuit current $I_{cc}$ with gl-gG fuses	50 kA

**Connection**

Cross-section rigid conductor	16 mm <sup>2</sup>
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**Voltage**

Rated insulation voltage $U_i$	800 V
Rated impulse withstand voltage $U_{imp}$	8000 V
Rated operational voltage $U_e$	380 - 415 V

**Power**

Power loss per pole at $I_n$	2.40 W
Total power loss under $I_N$	9.60 W
Rated operational power under 400 V AC AC1	41000 W
Rated operational power under 400 V AC AC23	28000 W

**Installation, mounting**

Nominal tightening torque	2 - 2.2 Nm
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**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

**Use conditions**

Operating temperature	-20 - 70 °C
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**Cover, door**

Interlockable	Yes
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**Safety**

Ingress Protection (IP) class	IP20
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**Frequency**

Frequency 50 - 50 Hz

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**Connectivity**

Type of connection Screw terminal

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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  
Version as safety switch Yes  
Version as switch disconnecter compact Yes

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**Capacity**

Number of modules 3.42

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**Sustainability**

REACH-SVHC free Yes  
RoHS conform Yes

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**Illustrations | Drawings**

