



HAB302

### Load break switch 3P 20A

#### Technical Features

##### Electric current

Rated current	20 A
Acceptable current rating AC21	20 A
Acceptable current rating AC21 category B	20 A

##### Architecture

Type of pole	3P
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##### Electric current

Acceptable current rating AC22 category B	20 A
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##### Architecture

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

Acceptable current rating AC23 category A	20 A
Acceptable current rating AC23 category B	20 A

##### Architecture

Number of poles	3
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##### Electric current

Rated short-circuit making capacity I <sub>cm</sub> under 415 V AC according to IEC 60947-3	1.80 kA
Rated short-time withstand current I <sub>cw</sub> 1s IEC 60947	1.26 kA
Rated short-time withstand current I <sub>cw</sub> IEC 60947	1.26 kA

##### Connection

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

Rated insulation voltage U <sub>i</sub>	800 V
Rated impulse withstand voltage U <sub>imp</sub>	8000 V
Rated operational voltage U <sub>e</sub>	380 - 415 V

##### Power

Power loss per pole at I <sub>n</sub>	0.30 W
Total power loss under I <sub>N</sub>	0.80 W
Rated operational power under 400 V AC AC1	13000 W
Rated operational power under 400 V AC AC23	9000 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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Product Datasheet

HAB302

<b>Connectivity</b>	
Type of connection	Screw terminal
<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>Capacity</b>	
Number of modules	2.57
<b>Sustainability</b>	
REACH-SVHC free	Yes
RoHS conform	Yes