



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
--------------	----

**Electric current**

Acceptable current rating AC22 category B	20 A
---	------

**Architecture**

Control/operation element	Short rotary handle
---------------------------	---------------------

**Electric current**

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

**Architecture**

Number of poles	3
-----------------	---

**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>cs</sub> 1s IEC 60947	1.26 kA
Rated short-time withstand current I <sub>cs</sub> IEC 60947	1.26 kA
Rated conditional short-circuit current I <sub>cc</sub> with gI-gG fuses	50 kA

**Connection**

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

**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
---------------------------	------------

**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
-----------------------	-------------

**Cover, door**

Interlockable	Yes
---------------	-----

**Safety**

Ingress Protection (IP) class	IP20
-------------------------------	------

**Frequency**

Frequency	50 - 50 Hz
-----------	------------

---

**Connectivity**

Type of connection	Screw terminal
--------------------	----------------

---

**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
--	-----

---

**Capacity**

Number of modules	2.57
-------------------	------

---

**Sustainability**

REACH-SVHC free	Yes
-----------------	-----

RoHS conform	Yes
--------------	-----

---