



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 _{cm} under 415 V AC according to IEC 60947-3	1.80 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

Connection

Cross-section rigid conductor	16 mm ²
-------------------------------	--------------------

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	0.30 W
Total power loss under I _N	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
-----------	------------

Product Datasheet

HAB302

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