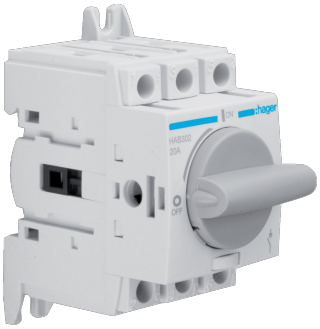

HAB302

Load break switch 3P 20A

Technical properties

Electric current

Rated current	20 A
Acceptable current rating AC21	20 A
Acceptable current rating AC21 category B	20 A
Acceptable current rating AC22 category B	20 A
Acceptable current rating AC23 category A	20 A
Acceptable current rating AC23 category B	20 A
Rated short-circuit making capacity Icm under 415 V AC according to IEC 60947-3	1.80 kA
Rated short-time withstand current Icw 1s IEC 60947	1.26 kA
Rated short-time withstand current Icw IEC 60947	1.26 kA

Architecture

Type of pole	3P
Control/operation element	Short rotary handle
Number of poles	3

Connection

Cross-section rigid conductor	16 mm²

Voltage

Rated insulation voltage Ui	800 V
Rated impulse withstand voltage Uimp	8,000 V
Rated operational voltage Ue	380 - 415 V

Power

Power loss per pole at In	0.30 W
Total power loss under IN	0.80 W
Rated operational power under 400 V AC AC1	13,000 W
Rated operational power under 400 V AC AC23	9,000 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 disconnector compact	Yes

Capacity

Number of modules	2.57