HA405

Load break switch with visible breaking 4P 100A

Technical Features

Electric current

Rated current	100 A
Acceptable current rating AC21	100 A
Acceptable current rating AC21 category A	100 A
Acceptable current rating AC21 category B	100 A
Acceptable current rating AC22 category A	100 A
Acceptable current rating AC22 category B	100 A
Acceptable current rating AC23 category A	63 A
Acceptable current rating AC23 category B	63 A
Rated short-time withstand current Icw 1s IEC 60947	2.50 kA
Rated short-time withstand current Icw IEC 60947	2.50 kA

Architecture

Type of pole	4P
Number of poles	4

Connection

Cross-section rigid conductor	50 mm² max.
Cross-section flexible conductor	50 mm²

Voltage

Rated insulation voltage Ui	800 V
Rated impulse withstand voltage Uimp	8000 V
Rated operational voltage Ue	380 - 415 V

Power

Power loss per pole at In	3.10 W
Total power loss under IN	9.30 W
Rated operational power under 400 V AC AC1	65000 W
Rated operational power under 400 V AC AC23	28000 W

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 ℃

Cover, door

Interlockable	Yes

Safety

Ingress Protection (IP) class	IP20

Architecture

Control/operation element	Short rotary handle

Frequency

Frequency	50 - 50 Hz

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

Installation, mounting

Nominal tightening torque	6 - 6.6 Nm

Capacity

Number of modules	6

Connectivity

Type of connection	Screw terminal

Dimensions

Height	86.5 mm
Width	108 mm
Depth	90 mm

Sustainability

REACh-SVHC free	Yes
RoHS conform	Yes