HA458

Load break switch 4P 630A

Technical Features

Electric current

Rated current	630 A
Rated short-time withstand current Icw IEC 60947	13 kA
Acceptable current rating AC21	630 A
Acceptable current rating AC21 category A	630 A
Acceptable current rating AC21 category B	630 A
Acceptable current rating AC22 category A	630 A
Acceptable current rating AC22 category B	630 A
Acceptable current rating AC23 category A	630 A
Acceptable current rating AC23 category B	630 A
Rated short-circuit making capacity Icm under 415 V AC according to IEC 60947-3	26 kA
Rated short-time withstand current Icw 1s IEC 60947	13 kA

Architecture

Number of poles	4
Control/operation element	Long rotary handle
Device construction type	Fixed built-in
Type of pole	4P

Dimensions

Height	270 mm
Width	160 mm
Depth	315 mm

Cover, door

Interlockable	Yes

Safety

Ingress Protection (IP) class	IP00

Connection

Cross-section rigid conductor	2x 300 mm²
Cross-section flexible conductor	2x 300 mm²

Voltage

Rated insulation voltage Ui	1000 V
Rated impulse withstand voltage Uimp	8000 V
Rated operational voltage Ue	380 - 415 V

Power

Power loss per pole at In	30.90 W
Total power loss under IN	92.70 W
Rated operational power under 400 V AC AC1	414000 W
Rated operational power under 400 V AC AC23	225000 W

Controls and indicators

Motor drive integrated	No

Use conditions

Operating temperature	-20 - 70 °C

Frequency

Frequency	50 - 60 Hz

Functions

Is reversing switch	No
Version as emergency stop installation	No
Version as main switch	Yes
Version as maintenance/service switch	Yes

Functions

Version as safety switch	Yes
Version as switch disconnector compact	Yes

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

Installation, mounting

Nominal tightening torque	40 - 45 Nm

Sustainability

Halogen free	Yes
REACh-SVHC free	Yes
RoHS conform	Yes