HA464

Load break switch 4P 1600A

Technical Features

Electric current

Rated current	1600 A
Rated short-time withstand current Icw IEC 60947	50 kA
Acceptable current rating AC21	1600 A
Acceptable current rating AC21 category A	1600 A
Acceptable current rating AC21 category B	1600 A
Acceptable current rating AC22 category A	1250 A
Acceptable current rating AC22 category B	1250 A
Acceptable current rating AC23 category A	1000 A
Acceptable current rating AC23 category B	1000 A
Rated short-circuit making capacity Icm under 415 V AC according to IEC 60947-3	66 kA
Rated short-time withstand current Icw 1s IEC 60947	50 kA

Architecture

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

Cover, door

Interlockable	Yes

Safety

Ingress Protection (IP) class	IP00

Connection

Cross-section rigid conductor	6x 185 mm²
Cross-section flexible conductor	6x 185 mm²

Voltage

Rated insulation voltage Ui	1000 V
Rated impulse withstand voltage Uimp	12000 V
Rated operational voltage Ue	380 - 415 V

Power

Power loss per pole at In	122 W
Total power loss under IN	366 W
Rated operational power under 400 V AC AC1	1053000 W
Rated operational power under 400 V AC AC23	562000 W

Controls and indicators

Motor drive integrated	No

Use conditions

Operating temperature	-20 - 70 ℃

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
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

Equipment

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

REACh-SVHC free	Yes
RoHS conform	Yes