



HA452

Load break switch 4P 160A

Technical Features

Electric current

Rated current	160 A
Rated short-time withstand current Icw IEC 60947	7 kA
Acceptable current rating AC21	160 A
Acceptable current rating AC21 category A	160 A
Acceptable current rating AC21 category B	160 A
Acceptable current rating AC22 category A	160 A
Acceptable current rating AC23 category A	160 A
Acceptable current rating AC23 category B	160 A
Rated short-circuit making capacity Icm under 415 V AC according to IEC 60947-3	11.90 kA
Rated short-time withstand current Icw 1s IEC 60947	7 kA

Architecture

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

Dimensions

Height	135 mm
Width	120 mm
Depth	170 mm

Cover, door

Interlockable	Yes
---------------	-----

Safety

Ingress Protection (IP) class	IP00
-------------------------------	------

Connection

Cross-section rigid conductor	95 mm ²
Cross-section flexible conductor	95 mm ²

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 W
Total power loss under IN	9 W
Rated operational power under 400 V AC AC1	105000 W
Rated operational power under 400 V AC AC23	72000 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
Version as safety switch	Yes
Version as switch disconnecter 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	9 - 9.9 Nm
---------------------------	------------

Sustainability

Halogen free	Yes
REACH-SVHC free	Yes
RoHS conform	Yes