



HCW401AR

**Load Break Switch Disconnecter h3+ P630 4P 400A FTC**

**Technical properties**

**Architecture**

Type of order	Toggle
Neutral position	left
Number of poles	4 P
Type of pole	4 P
Type of case	Fixed built-in

**Functions**

Reversing switch	No
Version as main switch	Yes
Version as emergency stop installation	Yes
Version as safety switch	No
Version as maintenance-/service switch	Yes
Trip Unit	SWITCH
Concurrently switching N-neutral	Yes

**Controls and indicators**

Motor drive integrated	No
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**Main electrical features**

Rated operational voltage Ue	220 / 690 V
Frequency	50/60 Hz

**Voltage**

Rated insulation voltage	800 V
Rated impulse withstand voltage	8 kV

**Electric current**

Rated current	400 A
Rated short-time withstand current Icw	5 kA
Rated short-time withstand current Icw t=1s 660-690 V AC according IEC 60947-3	5 kA
Rated short-time withstand current Icw t=1s 220-240 V AC according IEC 60947-3	5 kA
Rated short-time withstand current Icw t=1s 380-415 V AC according IEC 60947-3	5 kA
Rated operational current in AC21	400 A

**Dimensions**

Depth of installed product	150 mm
Height of installed product	260 mm

Width of installed product 185 mm

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**Frequency**

Frequency 50 to 60 Hz

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**Power**

Total power loss under IN 116.1 W

Power loss per pole at In 38.7 W

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**Cover, door**

Interlockable Yes

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**Materials**

Toggle colour Grey

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**Installation, mounting**

Tightening torque 18Nm

DIN rail mounting with optional adaptor No

Suitable for front mounting center No

Suitable for front mounting No

Suitable for ground mounting Yes

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**Connection**

Connection Front connection

Type of connection Terminal

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**Cable**

Cable Material Cu

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**Equipment**

Number of auxiliary contacts as normally closed contact 0

Number of auxiliary contacts as normally open contact 0

Number of auxiliary contacts as change-over contact 0

Motor drive optional Yes

Can be accessorized Yes

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**Use cases**

Category of use A

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**Use**

Vibrations and shocks withstand IEC 68068-2-52 Test FC

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**Standards**

Standard text IEC 60947-3

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**Safety**

REACH conform Yes

RoHS conform Yes

Halogen free No

**Use conditions**

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Degree of pollution according to IEC 60664 / IEC 60947-2	3
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Altitude	2000 m
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**temperatur**

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Temp.-rise limits for access. parts (toggle) according to product standard	25 K
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Temp.-rise limits for access. parts (not touched) according to product standard	50 K
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Temp.rise limits for access. parts (to be touched) according to product standard	40 K
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Temperature-rise limits for terminals according to the product standard	65 K
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