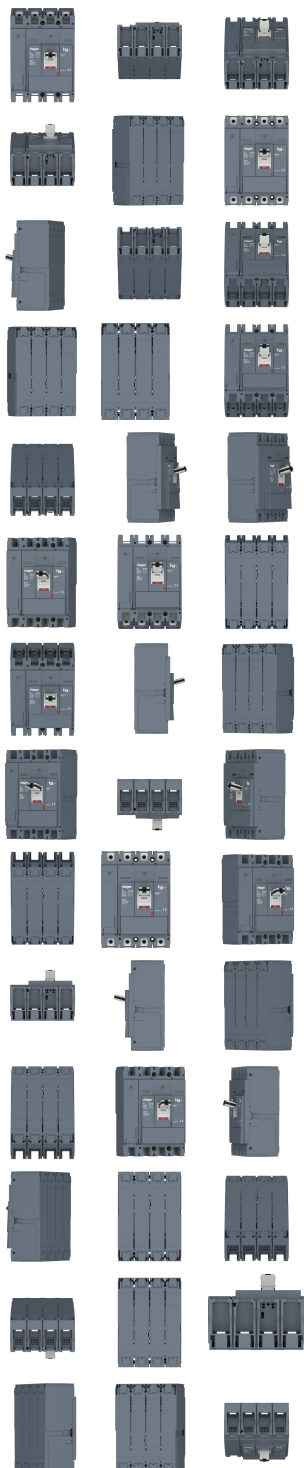




HCW631AR



Load Break Switch Disconnecter h3+ P630 4P 630A FTC

Technical characteristics

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

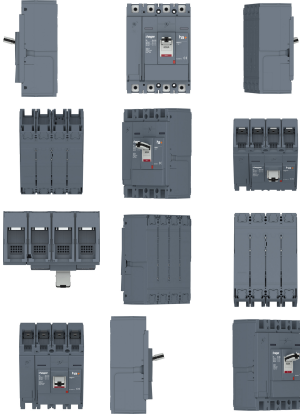
Rated insulation voltage	800 V
Rated impulse withstand voltage	8 kV

Electric current

Rated current	630 A
Rated short-time withstand current Icw	7.6 kA
Rated short-time withstand current Icw t=1s 660-690 V AC according IEC 60947-3	7.6 kA
Rated short-time withstand current Icw t=1s 220-240 V AC according IEC 60947-3	7.6 kA
Rated short-time withstand current Icw t=1s 380-415 V AC according IEC 60947-3	7.6 kA
Rated operational current in AC21	630 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	176.3 W
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Power loss per pole at In	58.7 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
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DIN rail mounting with optional adaptor	No
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Suitable for front mounting center	No
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Suitable for front mounting	No
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Suitable for ground mounting	Yes
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Connection

Connection	Front connection
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Type of connection	Terminal
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Cable

Cable Material	Cu / Al
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Equipment

Number of auxiliary contacts as normally closed contact	0
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Number of auxiliary contacts as normally open contact	0
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Number of auxiliary contacts as change-over contact	0
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Motor drive optional	Yes
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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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Use conditions

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

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