



HCT201AR

Load Break Switch Disconnecter h3+ P250 4P 200A FTC

Technical characteristics

Architecture

Type of order	Toggle
Neutral position	left
Number of poles	4 P
Type of pole	4 P
Fixing mode	fixing plate
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
Type of supply voltage	AC
Frequency	50/60 Hz

Voltage

Rated insulation voltage	800 V
Rated impulse withstand voltage	8 kV

Electric current

Rated current	200 A
Rated short-time withstand current I _{cw}	3.6 kA
Rated short-time withstand current I _{cw} t=1s 660-690 V AC according IEC 60947-3	3.6 kA
Rated short-time withstand current I _{cw} t=1s 220-240 V AC according IEC 60947-3	3.6 kA
Rated short-time withstand current I _{cw} t=1s 380-415 V AC according IEC 60947-3	3.6 kA
Rated operational current in AC21	200 A

Dimensions

Depth of installed product	97 mm
Height of installed product	165 mm
Width of installed product	140 mm

Frequency

Frequency	50 to 60 Hz
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Power

Total power loss under IN	32.45 W
Power loss per pole at In	10.82 W

Endurance

Electric endurance in number of cycles	10000
Number of mechanical operations	40000

Cover, door

Interlockable	Yes
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Materials

Toggle colour	Grey
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Installation, mounting

Tightening torque	12Nm
DIN rail mounting with optional adaptor	No
Suitable for front mounting center	No
Suitable for front mounting	No
Suitable for ground mounting	Yes

Connection

Connection cross-sect. flexible conductor	35 / 150mm ²
Connection cross-sect. rigid cable	35 / 185mm ²
Connection	Front connection
Type of connection	Terminal

Cable

Cable Material	Cu / Al
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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

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
European directive WEEE	concerned

Safety

Protection index IP	IP4X
REACH conform	Yes
RoHS conform	Yes
Halogen free	No

Use conditions

Degree of pollution according to IEC 60664 / IEC 60947-2	3
Altitude	2000 m
Air humidity protection	95%HR 55°C sev Kn (IEC 68-2-30/52)

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