

Product Datasheet

HAE310



Hager HAE 310 Three-Pole Switch Disconnecter

Load break switch visible break. 3P 100A

Technical Features

Electric current

Rated current	100 A
Acceptable current rating AC21	100 A
Acceptable current rating AC21 category B	100 A
Acceptable current rating AC22 category B	100 A
Acceptable current rating AC23 category A	100 A
Acceptable current rating AC23 category B	100 A
Rated short-circuit making capacity I _{cm} under 415 V AC according to IEC 60947-3	7 kA
Rated short-time withstand current I _{cw} 1s IEC 60947	4 kA
Rated short-time withstand current I _{cw} IEC 60947	4 kA

Architecture

Type of pole	3P
Number of poles	3

Connection

Cross-section rigid conductor	70 mm ²
Cross-section flexible conductor	70 mm ²

Voltage

Rated insulation voltage U _i	800 V
Rated impulse withstand voltage U _{imp}	8000 V
Rated operational voltage U _e	380 - 415 V

Power

Power loss per pole at I _n	3 W
Total power loss under I _N	9 W
Rated operational power under 400 V AC AC1	65000 W
Rated operational power under 400 V AC AC23	45000 W

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

Use conditions

Operating temperature	-20 - 70 °C
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Cover, door

Interlockable	Yes
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Safety

Ingress Protection (IP) class	IP20
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Architecture

Control/operation element	Short rotary handle
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Frequency

Frequency	50 - 60 Hz
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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

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Installation, mounting	
Nominal tightening torque	4 - 4.4 Nm
Capacity	
Number of modules	6.22
Connectivity	
Type of connection	Screw terminal
Dimensions	
Height	84 mm
Width	109 mm
Depth	132 mm
Sustainability	
REACH-SVHC free	Yes
RoHS conform	Yes