



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 <sub>cm</sub> under 415 V AC according to IEC 60947-3	7 kA
Rated short-time withstand current I <sub>cw</sub> 1s IEC 60947	4 kA
Rated short-time withstand current I <sub>cw</sub> IEC 60947	4 kA

**Architecture**

Type of pole	3P
Number of poles	3

**Connection**

Cross-section rigid conductor	70 mm <sup>2</sup>
Cross-section flexible conductor	70 mm <sup>2</sup>

**Voltage**

Rated insulation voltage U <sub>i</sub>	800 V
Rated impulse withstand voltage U <sub>imp</sub>	8000 V
Rated operational voltage U <sub>e</sub>	380 - 415 V

**Power**

Power loss per pole at I <sub>n</sub>	3 W
Total power loss under I <sub>N</sub>	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**

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Nominal tightening torque	4 - 4.4 Nm
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**Capacity**

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Number of modules	6.22
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**Connectivity**

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Type of connection	Screw terminal
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**Dimensions**

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Height	84 mm
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Width	109 mm
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Depth	132 mm
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**Sustainability**

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REACH-SVHC free	Yes
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RoHS conform	Yes
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