



HAD312

**Load break switch 3P 125A**

**Technical properties**

**Electric current**

Rated current	125 A
Acceptable current rating AC21	125 A
Acceptable current rating AC21 category B	125 A
Acceptable current rating AC22 category B	125 A
Acceptable current rating AC23 category A	100 A
Acceptable current rating AC23 category B	100 A
Rated short-time withstand current I <sub>cw</sub> 1s IEC 60947	2.75 kA
Rated short-time withstand current I <sub>cw</sub> IEC 60947	2.75 kA

**Architecture**

Control/operation element	Short rotary handle
Number of poles	3

**Connection**

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

Rated insulation voltage U <sub>i</sub>	800 V
Rated impulse withstand voltage U <sub>imp</sub>	8,000 V
Rated operational voltage U <sub>e</sub>	380 - 415 V

**Power**

Power loss per pole at I <sub>n</sub>	7.10 W
Total power loss under I <sub>N</sub>	21.30 W
Rated operational power under 400 V AC AC1	82,000 W
Rated operational power under 400 V AC AC23	56,000 W

**Installation, mounting**

Nominal tightening torque	4 - 4.4 Nm
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**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**

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Operating temperature	-20 - 70 °C
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**Cover, door**

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Interlockable	Yes
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**Safety**

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Ingress Protection (IP) class	IP20
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**Connectivity**

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Type of connection	Screw terminal
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**Functions**

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Is reversing switch	No
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Version as emergency stop installation	No
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Version as main switch	Yes
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Version as maintenance/service switch	Yes
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Version as safety switch	Yes
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Version as switch disconnecter compact	Yes
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**Capacity**

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Number of modules	4.45
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