



HAD312

### Load break switch 3P 125A

#### Technical Features

##### 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

##### Architecture

Control/operation element	Short rotary handle
---------------------------	---------------------

##### Electric current

Acceptable current rating AC23 category A	100 A
Acceptable current rating AC23 category B	100 A

##### Architecture

Number of poles	3
-----------------	---

##### Electric current

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

##### Connection

Cross-section rigid 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>	7.10 W
Total power loss under I <sub>N</sub>	21.30 W
Rated operational power under 400 V AC AC1	82000 W
Rated operational power under 400 V AC AC23	56000 W

##### Installation, mounting

Nominal tightening torque	4 - 4.4 Nm
---------------------------	------------

##### 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
-----------------------	-------------

##### Cover, door

Interlockable	Yes
---------------	-----

##### Safety

Ingress Protection (IP) class	IP20
-------------------------------	------

##### Connectivity

Type of connection	Screw terminal
--------------------	----------------

##### Functions

Is reversing switch	No
Version as emergency stop installation	No
Version as main switch	Yes
Version as maintenance/service switch	Yes

<b>Functions</b>	
Version as safety switch	Yes
Version as switch disconnecter compact	Yes
<b>Capacity</b>	
Number of modules	4.45
<b>Sustainability</b>	
REACH-SVHC free	Yes
RoHS conform	Yes