



HAD410

## Load break switch 4P 100A

### Technical properties

#### Electric current

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

#### Architecture

Control/operation element	Short rotary handle
Number of poles	4

#### 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>	8,000 V
Rated operational voltage U <sub>e</sub>	380 - 415 V

#### Power

Power loss per pole at I <sub>n</sub>	4.30 W
Total power loss under I <sub>N</sub>	17.20 W
Rated operational power under 400 V AC AC1	65,000 W
Rated operational power under 400 V AC AC23	45,000 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
---------------------------------------	-----

---

Version as safety switch	Yes
--------------------------	-----

---

Version as switch disconnecter compact	Yes
--	-----

**Capacity**

---

Number of modules	5.95
-------------------	------