



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 _{cs} 1s IEC 60947	2.75 kA
Rated short-time withstand current I _{cs} IEC 60947	2.75 kA

Architecture

Control/operation element	Short rotary handle
Number of poles	4

Connection

Cross-section rigid conductor	70 mm ²
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Voltage

Rated insulation voltage U _i	800 V
Rated impulse withstand voltage U _{imp}	8,000 V
Rated operational voltage U _e	380 - 415 V

Power

Power loss per pole at I _n	4.30 W
Total power loss under I _N	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
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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

Operating temperature	-20 - 70 °C
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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