



LVS00100SP

NH-Fuse switch vertical design LV NH00 100mm 3pole M8

Technical Features

Electric current

Rated current	160 A
Rated conditional short-circuit current I_{cc}	100 kA
Rated conditional short-circuit current for $U_e=400$ V IEC 61439-1 3.8.10.4	100 kA
Rated conditional short-circuit current for $U_e=500$ V IEC 61439-1 3.8.10.4	100 kA
Rated conditional short-circuit current for $U_e=690$ V IEC 61439-1 3.8.10.4	100 kA

Fuse

Fuse size	NH00
-----------	------

Connectivity

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

Connection

Cross-section flexible conductor	4 - 95 mm ²
Cross-section rigid conductor	4 - 95 mm ²

Architecture

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

Connection

Connector/plug type	Screw terminal
---------------------	----------------

Use conditions

Operating temperature	-25 - 55 °C
-----------------------	-------------

Installation, mounting

Nominal tightening torque	14 - 14 Nm
---------------------------	------------

Endurance

Electric endurance in number of cycles	200
--	-----

Voltage

Rated insulation voltage U_i	1000 V
--------------------------------	--------

Safety

Ingress Protection (IP) class	IP2X
-------------------------------	------

Endurance

Number of mechanical operations	1400
---------------------------------	------

Electric current

Rated short-time withstand current I_{cw} 1s IEC 60947	5 kA
--	------

Voltage

Rated impulse withstand voltage U_{imp}	8 kV
---	------

Dimensions

Distance busbars	100 mm
Height	401 mm
Depth	123 mm

Power

Total power loss under I_N	20 W
------------------------------	------

Frequency

Frequency	50 - 60 Hz
-----------	------------

Sustainability

Halogen free	Yes
REACH-SVHC free	Yes
RoHS conform	Yes