



LVSG3CE

NH Fuse-switch vertical design LV size 3 185mm 1pole M12

Technical Features

Electric current

Rated current	630 A
Rated conditional short-circuit current I_{cc}	120 kA
Rated conditional short-circuit current for $U_e=400$ V IEC 61439-1 3.8.10.4	120 kA
Rated conditional short-circuit current for $U_e=500$ V IEC 61439-1 3.8.10.4	120 kA
Rated conditional short-circuit current for $U_e=690$ V IEC 61439-1 3.8.10.4	100 kA
Acceptable current rating AC22 category B	630 A
Acceptable current rating AC23 category B	630 A

Fuse

Fuse size	NH3
-----------	-----

Connectivity

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

Connection

Cross-section flexible conductor	35 - 300 mm ²
Cross-section rigid conductor	35 - 300 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	32 - 32 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	800
---------------------------------	-----

Electric current

Rated short-time withstand current I_{cw} 1s IEC 60947	15 kA
--	-------

Voltage

Rated impulse withstand voltage U_{imp}	12 kV
---	-------

Dimensions

Distance busbars	185 mm
Height	671 mm
Depth	190 mm

Power

Total power loss under I_N	111 W
------------------------------	-------

Frequency

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

Sustainability

REACH-SVHC free	Yes
RoHS conform	Yes