



LVSG2CPZ

### NH Fuse-switch vertical design LV size 2 185mm 3pole M12

#### Technical Features

##### Electric current

Rated current	400 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
Acceptable current rating AC23 category B / 400V	400 A
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 / 500V	400 A
Acceptable current rating AC21 category B / 690V	400 A
Acceptable current rating AC21 category B / 800V	250 A

##### Fuse

Fuse size	NH2
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##### Connectivity

Type of connection	Screw terminal
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##### Connection

Cross-section flexible conductor	70 - 300 mm <sup>2</sup>
Cross-section rigid conductor	70 - 300 mm <sup>2</sup>

##### Architecture

Number of poles	3
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##### Connection

Connector/plug type	Screw terminal
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##### Use conditions

Operating temperature	-25 - 55 °C
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##### Installation, mounting

Nominal tightening torque	32 - 32 Nm
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##### Endurance

Electric endurance in number of cycles	200
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##### Voltage

Rated insulation voltage $U_i$	1000 V
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##### Safety

Ingress Protection (IP) class	IP2X
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##### Endurance

Number of mechanical operations	800
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##### Electric current

Rated short-time withstand current $I_{cw}$ 1s IEC 60947	10 kA
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##### Voltage

Rated impulse withstand voltage $U_{imp}$	12 kV
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##### Dimensions

Distance busbars	185 mm
Height	671 mm
Depth	190 mm

##### Power

Total power loss under $I_N$	56 W
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##### Frequency

Frequency	50 - 60 Hz
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Electrical protection

With fault indicator	No
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Sustainability

REACH-SVHC free	Yes
RoHS conform	Yes

Illustrations | Drawings

