

Product Datasheet

LVSG1CE



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

Technical Features

Electric current

Rated current	250 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	250 A
Acceptable current rating AC23 category B	250 A

Fuse

Fuse size	NH1
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Connectivity

Type of connection	Screw terminal
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Connection

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

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	1400
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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	27 W
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Frequency

Frequency	50 - 60 Hz
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