



LVTG1000CP

**NH Disconnector vertical design LV size 3 1000A 185mm 3pole M12**

**Technical Features**

**Electric current**

Rated current	1000 A
Acceptable current rating AC22 category B / 400V	1000 A
Acceptable current rating AC21 category B / 690V	1000 A
Acceptable current rating AC21 category B / 500V	1000 A
Rated current for U <sub>e</sub> =400 V AC according to IEC 61439-1 5.3.2	1000 A
Rated current for U <sub>e</sub> =690 V AC according to IEC 61439-1 5.3.2	1000 A
Rated short-time withstand current I <sub>cs</sub> 1s with locking system IEC60947	25 kA

**Fuse**

Fuse size	NH3
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**Connectivity**

Type of connection	Screw terminal
Mounting type	Screw mounting

**Connection**

Connector/plug type	M12 terminal
Type of terminal cover	Without

**Architecture**

Number of poles	3
Number of switchable poles	3

**Use conditions**

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

Nominal tightening torque	32 - 32 Nm
Tightening torque for mounting on busbar	32 - 32 Nm

**Endurance**

Electric endurance in number of cycles	100
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**Safety**

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

Number of mechanical operations	500
Total service life (mechanical and electrical endurance) IEC 60947-3 Table 4	600

**Electric current**

Rated short-time withstand current I <sub>cs</sub> 1s IEC 60947	15 kA
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**Voltage**

Rated insulation voltage U <sub>i</sub>	1000 V
Rated impulse withstand voltage U <sub>imp</sub>	12 kV
Rated operational voltage U <sub>e</sub>	690 - 690 V

**Dimensions**

Dimensions	743 x 100 mm
Distance busbars	185 mm
Height	743 mm
Depth	188 mm

**Power**

Total power loss under I <sub>N</sub>	318 W
Power loss at full load	270 W

**Frequency**

Frequency	50 - 60 Hz
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**Electrical protection**

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With fault indicator	No
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**Functions**

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Double interrupting	Yes
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**Materials**

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Contains recycled material (% of total plastic weight)	0 %
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**Sustainability**

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REACH-SVHC free	Yes
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RoHS conform	Yes
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