



LS509



## Fuse 1N 32A 690V L38 1M

### Technical properties

#### Architecture

Type of pole	N
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#### Configuration

Number of modules	1
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#### Controls and indicators

Indicator lamp	no
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#### Connectivity

Top connection alignment for modular devices	Aligned terminal
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#### Main electrical features

Rated operational voltage Ue	690 V
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Frequency	50/60 Hz
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#### Voltage

Rated insulation voltage	690 V
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#### Electric current

Rated current	32 A
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Rating current of fuse cartridge	2 / 4 / 6 / 8 / 10 / 12 / 16 / 20 / 25 / 32 A
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#### Current correction factors

Correction factor of the acceptable current of juxtaposition > 10 phases	0.7
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Correction factor of acceptable current rating for 1-3 phase placed side-by-side	1
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Correction coef of the acceptable current of juxtaposition from 4 to 6 phases	0.9
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Correction factor of acceptable current rating for 7-9 phases placed side-by-side	0.85
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Correction coefficient of the acceptable current up to 40°C	0.9
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Correction coefficient of the acceptable current up to 50°C	0.8
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Correction coefficient of the acceptable current with 20°C	1
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Correction factor of acceptable current rating with 30°C	0.95
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#### Fuse

CharactFuse	gI ; gG
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Fuse Size	10.3 x 38
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**Dimensions**

Depth of installed product	75 mm
Height of installed product	83 mm
Width of installed product	18 mm

**Power**

Total power loss under IN	0.25 W
Power loss per pole at In	0.25 W

**Endurance**

Number of mechanical operations	4000
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**Installation, mounting**

Tightening torque	2,2Nm
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**Connection**

Connection cross-sect. flexible conductor	0,75 / 16mm <sup>2</sup>
Connection cross-sect. rigid cable	1 / 25mm <sup>2</sup>

**Use conditions**

Operating temperature	-5...50 °C
Degree of pollution according to IEC 60664 / IEC 60947-2	3
Storage/transport temperature	-25...80 °C

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Temperature of calibration	30 °C
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**Identification**

Aesthetic for B.G. Protection devices	MERSEN
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