



Fuse carrier 1N 32A L38 1M

LS509

#### Architecture

Type of pole	N
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#### Controls and indicators

Indicator lamp	no
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#### Main electrical features

Frequency	50/60 Hz
Rated operational voltage Ue	690 V

#### Voltage

Rated insulation voltage	690 V
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#### Electric current

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
Correction factor of acceptable current rating for 1-3 phase placed side-by-side	1
Correction coef of the acceptable current of juxtaposition from 4 to 6 phases	0,9
Correction factor of acceptable current rating for 7-9 phases placed side-by-sid	0,85
Correction coefficient of the acceptable current with 20°C	1
Correction factor of acceptable current rating with 30°C	0,95
Correction coefficient of the acceptable current up to 40°C	0,9
Correction coefficient of the acceptable current up to 50°C	0,8

**Fuse**

CharactFuse	gl
Fuse Size	10.3 x 38

**Power**

Power loss per pole at In	0,25 W
Total power loss under IN	0,25 W

**Endurance**

Number of mechanical operations	4000
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**Dimensions**

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

**Installation, mounting**

Tightening torque	2,2Nm
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**Connection**

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

**Standards**

European directive RoHS	voluntary compliance
European directive WEEE	concerned

**Safety**

Protection index IP	IP20
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**Use conditions**

Degree of pollution according to IEC 60664 / IEC 60947-2	3
Storage temperature	-25 to 80 °C