



LS509



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

**Technical properties**

**Architecture**

Type of pole N

**Configuration**

Number of modules 1

**Controls and indicators**

Indicator lamp no

**Connectivity**

Top connection alignment for modular devices Aligned terminal

**Main electrical features**

Rated operational voltage  $U_e$  690 V

Frequency 50/60 Hz

**Voltage**

Rated insulation voltage 690 V

**Electric current**

Rated current 32 A

Rating current of fuse cartridge 2 / 4 / 6 / 8 / 10 / 12 / 16 / 20 / 25 / 32 A

**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-side 0.85

Correction coefficient of the acceptable current up to 40°C 0.9

Correction coefficient of the acceptable current up to 50°C 0.8

Correction coefficient of the acceptable current with 20°C 1

Correction factor of acceptable current rating with 30°C 0.95

**Fuse**

CharactFuse gI ; gG

Fuse Size 10.3 x 38

**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
---------------------------------	------

**Installation, mounting**

Tightening torque	2,2Nm
-------------------	-------

**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

**temperatur**

Temperature of calibration	30 °C
----------------------------	-------