



LS412

Fuse carrier 1P+N 25A L31 2M

Product Datasheet

Architecture

Type of pole	1P+N
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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	500 V
Frequency	50/60 Hz

Voltage

Rated insulation voltage	690 V
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Electric current

Rated current	25 A
Rating current of fuse cartridge	2 / 4 / 6 / 8 / 10 / 12 / 16 / 20 / 25 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	gG, aM
Fuse Size	8.5 x 31.5

Power

Total power loss under I _N	3,35 W
Power loss per pole at I _N	0,7 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	36 mm

Installation, mounting

Tightening torque	2,2Nm
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Connection

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

Standards

European directive WEEE	concerned
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Safety

Protection index IP	IP20
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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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