



LS412



Fuse carrier 1P+N 25A 500V L31 2M

Technical properties

Architecture

Type of pole	1P+N
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Configuration

Number of modules	2
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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-sid	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

Dimensions

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

Width of installed product	36 mm
Power	
Total power loss under IN	3.35 W
Power loss per pole at In	0.7 W
Endurance	
Number of mechanical operations	4000
Connection	
Connection cross-sect. rigid cable	1 / 25mm ²
Standards	
European directive WEEE	concerned
Safety	
Protection index IP	IP20
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