



Fuse carrier 3P+N 50A L51 acc. 6M

LS604

Architecture

Number of poles	4 P
Type of pole	3P+N

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

Frequency	50 Hz
Rated operational voltage Ue	690 V

Electric current

Rating current of fuse cartridge	2/4/6/10/12/16/20/25/32/40/45/50 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-side	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	gG
Fuse Size	14 x 51

Power

Power loss per pole at In	1,2 W
Total power loss under IN	20,16 W

Endurance

Number of mechanical operations	5000
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Dimensions

Depth of installed product	93 mm
Height of installed product	107 mm
Width of installed product	105 mm

Installation, mounting

Tightening torque	3,6Nm
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Connection

Connection cross-sect. rigid cable	35mm ²
Connection cross-sect. flexible conductor	25mm ²

Standards

European directive WEEE	concerned
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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

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Temperature of calibration	30 °C
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