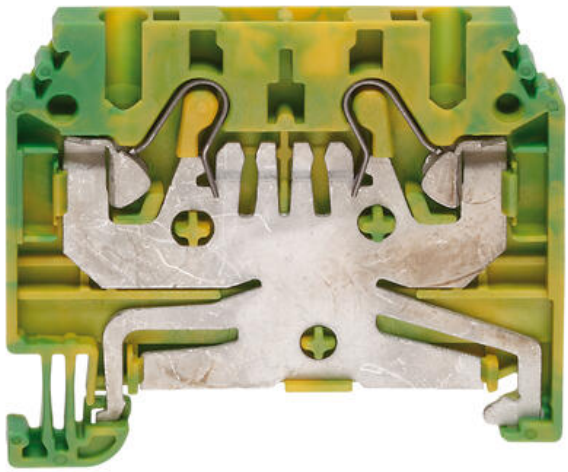
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EARTH TERMINALS - FSL 1.5-16MM²

Push In Earth Terminals - FSL

3299.2
FSL 16/2A GNYE



- Wiring without tools
- Material polyamide 6.6
- Temperature resistance -40 °C...+120 °C
- Flammability class V0

PRODUCT DESCRIPTION

The FSL pressure-spring earth terminals, rated for conductor cross-sections from 1.5 mm² up to 16 mm², are engineered for rapid, tool-free connection using spring-pressure technology. Mounted on a TS-35 DIN rail, they are housed in flame-retardant polyamide-6.6 (UL 94-V0), with an impressive operating temperature range of –40 °C to +120 °C. These green/yellow terminals conform to overvoltage category III and contamination degree 3, offering robust insulation and safety in harsh industrial environments. Depending on the variant, the terminal width ranges from just 4.1 mm to 12.1 mm, lengths from 48.5 mm to 80 mm, and heights aligning with standard TS-35 rail dimensions. They support instruction-compliant connection of both solid and stranded conductors (with or without ferrules) from 0.2 mm² up to the maximum, using a standardized 12 mm stripping length. Certifications include CSA, CSA US, KEMA-KEUR, and EAC, with UL 1059 and C22.2 No 158 compliance.
These earth terminals are ideal for compact, high-density earthing and grounding setups in control panels and distribution cabinets. Thanks to the pressure-spring mechanism, installers benefit from tool-free, vibration-resistant connections—a significant time-saver and reliability feature in machinery and industrial panels. Their colour-coding (green/yellow) ensures immediate visual identification, aiding maintenance and safety compliance. Multiple connection versions (2–4 poles) cover a wide range of grounding demands, from signal circuits to heavier power feeders. The modular design features cross-connection channels for easy busbar integration, making FSL terminals a robust and efficient choice for professional-grade earthing infrastructures.

TECHNICAL DATA

GENERAL DATA

Rated wire cross section	16 mm²
Colour	Green/yellow
Mounting	TS 35
Overvoltage category	III
Contamination degree	3
Approvals	EAC

DIMENSIONS

Length	72.4 mm
Width	12.1 mm
Height TS 35/7.5	49 mm
Height	48 mm

CONNECTION DATA

Connections	2
Number of levels	1
Plug gauge acc. EN 60 947-1	A7
Cross connect channels	1
Cross section single wire from	2.5 mm²
Cross section single wire to	25 mm²
Cross section stranded wire from	2.5 mm²
Cross section stranded wire to	25 mm²
Cross section stranded with ferrule from	2.5 mm²
Cross section stranded with ferrule to	16 mm²
Rated wire cross section from (AWG)	14
Rated wire cross section to (AWG)	4
Stripping length	18 mm

MATERIALS

Insulation material	Polyamide 6.6
Flammability class	UL94-V0
Operating temperature from	-40 °C
Operating temperature to	120 °C

APPROVALS

UL test standard	UL 1059
cUL test standard	C22.2 No 158
EAC test standard	TR ZU 004/2011
KEMA KEUR test standard	EN 60947-7-2:2009

ADDITIONAL DATA

Tariff code	85369010
Country of origin	CZ
Weight	46.36 g
Pack size	50

