OEM Automatic Ltd
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EARTH TERMINALS - SCREW ON - SL 2.5-35 MM², SSL 50-70MM²

SL, SSL

1435.2
SL 2.5/35 EX, Screw clamp 2.5mm Ex certified earth terminal



- Screw to rail construction
- SL - Material polyamide 6.6 - UL94-V2
- Temperature resistance -40 ºC...+105 ºC
- SSL - Material polyamide 6.6 - UL94-V0
- Temperature resistance -40 ºC...+120 ºC

PRODUCT DESCRIPTION

The RK and SL range is the original traditional terminal range feed-through featuring the proven screw-connection system and screw in cross connectors.

This range is available with the 'multi-foot' construction, so will fit on TS35 and TS15 – 'Top Hat' rail or the less common TS32 – 'G-Rail', still used in some applications today.

The range also includes disconnect terminals, fused terminals, actuator, sensor, motor-connection terminals and a range of direct mount options.

For applications where space is at a premium the TS15 range is small and compact, but can still accommodate 4mm² cable sizes.

TECHNICAL DATA

GENERAL DATA

Rated wire cross section	2.5 mm²
Colour	Green/yellow
Mounting	TS 35
Overvoltage category	III
Contamination degree	3
Approvals	UL, cUL, KEMA KUR, NEMKO, EAC
Explosion proof	Yes

DIMENSIONS

Length	52 mm
Width	6 mm
Height TS 35/7.5	47 mm

CONNECTION DATA

Connections	2
Number of levels	1
Plug gauge acc. EN 60 947-1	A3
Cross section single wire from	0.2 mm²
Cross section single wire to	4 mm²
Cross section stranded wire from	0.2 mm²
Cross section stranded wire to	4 mm²
Cross section stranded with ferrule from	0.2 mm²
Cross section stranded with ferrule to	2.5 mm²
Rated wire cross section from (AWG)	22
Rated wire cross section to (AWG)	12
Stripping length	10 mm
Screw size	M 2,5
Screw type	Slotted
Torque min	0.4
Torque max	0.8

MATERIALS

Insulation material	Polyamide 6.6
Flammability class	UL94-V2
Operating temperature from	-40 °C
Operating temperature to	105 °C

APPROVALS

EX approvals	NEMKO ATEX 1136 U
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	DE
Weight	17.92 g
Pack size	100

Type of terminal	Screw Terminals, DIN Rail terminals

Nemko test standard	EN 60947-7-2:2002