

At a Glance

Applications



Freeze prevention



Rail Tracks

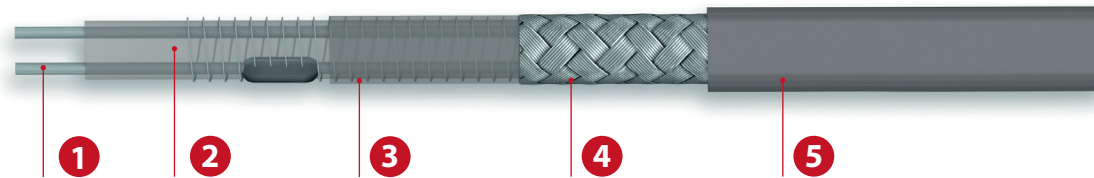
- › Power Rail Heating

Benefits

- › High heat transfer directly to the top of the power rail
- › Fast, easy installation on long tracks thanks to innovative assembly clip
- › Efficient, energy saving thanks to thermal insulation
- › No interference with signalling devices
- › Moisture proof
- › Low maintenance effort

EL-Track

up to 200 °C



1 Bus wire

2 Core

Silicone

3 Insulation

Fluoropolymer

4 Protective braid

Cu, nickel plated

5 Outer jacket

Fluoropolymer

Checklist EL-Track

Power Connection & Termination

ELVB-EL-Point	Connection and termination set, 2 pole+PE up to AWG 14	0911748
ELVB-EL-Point	Connection and termination set, 2 pole+PE up to AWG 12	0911751
ELVB-EL-Point	Connection and termination set, 2 pole+PE up to AWG 12	0911754

Holding Brackets

ELFC	Holding bracket UIC60 SFK EL-Point corner cover profile	27230RS602
ELFC	Holding bracket 49/54/60E1A1 ASK EL-Point flat cover profile	27230RS491
ELFC	Holding bracket 60E1A4 ASK EL-Point corner cover profile	27230RS603

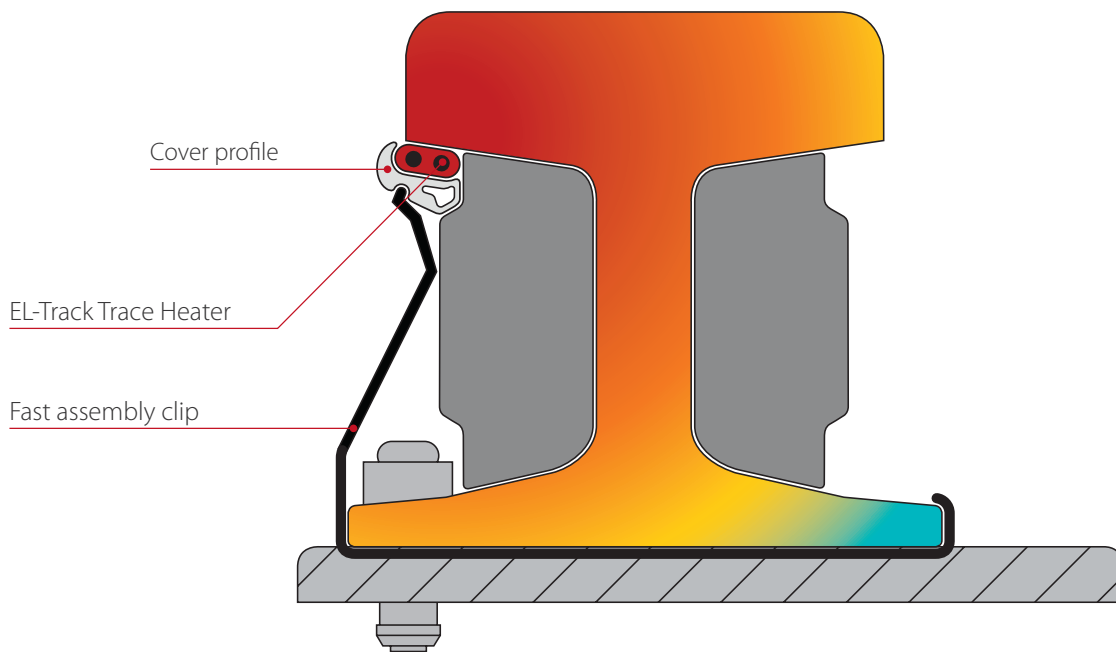
Cover Profiles

ELCP-F	Flat cover profile EL-Point	4022P00002
ELCP-E	Corner cover profile EL-Point with cutout	4022P00005
ELCP-E	Corner cover profile EL-Point	4022P00004
ELCP-E	Corner profile EL-Track	4027000005

Technical Information

Max. maintain temperature	50 °C
Max. exposure temperature (de-energized)	200 °C
Maximum nominal voltage	750 V
Minimum bending radius	50 mm
Power output	50 - 150 W/m
Dimensions	15 x 7 mm
Minimum installation temperature	-50 °C

Type	Output	Power Supply Point Spacing	Part No.
Power rail heating EL-Track	50 V / 150 W/m	500 mm	022P050
Power rail heating EL-Track	110 V / 150 W/m	500 mm	022P110
Power rail heating EL-Track	230 V / 150 W/m	500 mm	022P230
Power rail heating EL-Track	400 V / 150 W/m	750 mm	022P400
Power rail heating EL-Track	750 V / 150 W/m	1250 mm	022P750



**Additional power outputs
and custom-designed
holding brackets on request**