El-Clic® Fast Connector
for eltherm ELSR Trace Heaters

At a Glance

Applications

Freeze prevention

Temperature maintenance

Pipelines

- Roofs and gutters
- Sanitary installations
- Industry

Benefits

- Quick, safe and easy to install, simple to use
- Saves time, effort and money, speeds up installation time
- One device covers several functions for connection, power termination and splice
- No more wire stripping: the insulation displacement connector establishes a safe electrical connection
- No special tools required
- Less inventory, easy handling
- Prevents costly assembly errors

Approvals

FM APPROVED

- FM 17NUS0022
- FM 17NCA0007



Connect self-regulating heating cables the easy way using eltherm's fast connector El-Clic®:

- One device connects all ELSR-NA trace heaters
- Quick-connect/T-splice up to three trace heaters
- Suitable for surface mounting or underneath insulation
- Rugged, water resistant, UV-resistant housing safe for outdoor assembly
- Secure screw-locked closing mechanism guards against accidental opening
- Integrated wall and pipe mounting brackets

Checklist El-Clic®

Fast Connector

El-Clic P	Splice/connector assembly with supply lead for ELSR-NA	09CAICP
El-Clic S	Splice/connector assembly without supply lead for ELSR-NA	09CAICS





Termination Kits

EL-ECN-Ex	Silicone, transparent end cap for ELSR-NA Silicone glue, transparent LT, 5g tube, blue screw cap	09CA022

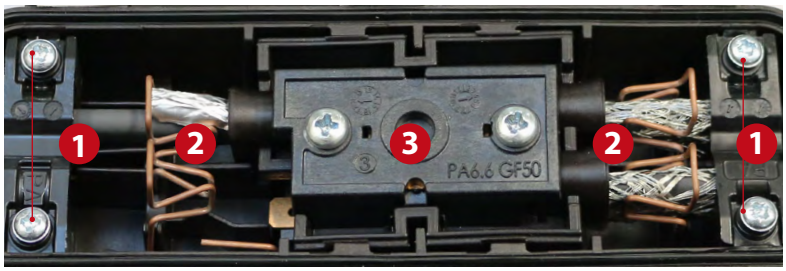
Technical Information

Nominal voltage	300 V
Nominal current	15 A
Ambient temperature	-13°F to +212°F / -25°C to +100°C
Enclosure material	UV resistant Polyamide
IP-rating	NEMA 4 equivalent (IP 65)
Dimensions (l x w x h)	7 ½" x 2 ¾" x 2" / 190 x 70 x 50 mm
Weight (approximate)	1.1lbs (with cold lead) / 500 g
Tools required	Screwdriver, knife, pliers
Power cord/cold lead	8'/2.5 m (El-Clic P), 3 x AWG 14 SJEOOW
Cable tie	2 pcs 14"/360 mm, UV resistant

1 **Strain relief:** Screws tight to hold heater, unlocks to release cable.

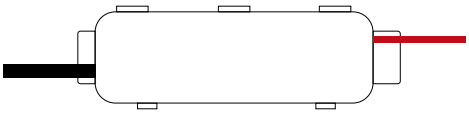
2 **Cable guide duct:** Ensures safe, correct insertion of heater into contact block.

3 **Contact block:** Connects trace heater and cold lead.

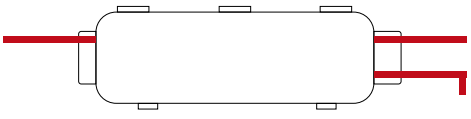


El-Clic®: One device covers several functions for power termination (left) and T-splice (right):

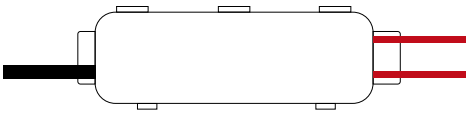
Power termination



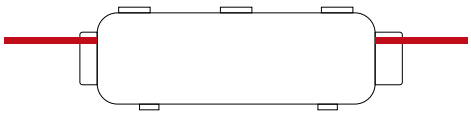
Connection of 3 trace heaters



Assembly with supply lead and 2 trace heaters



Connection of 2 trace heaters



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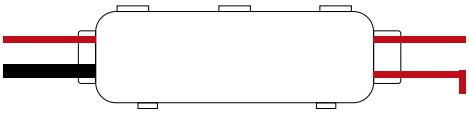

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