

Connection Kit for Thermon Series Heating Cables

Application . . .

The CKTES termination kit is specifically designed to connect Thermon Series Heating Cables and for making cold lead connections to be terminated in a junction box. Each kit contains two terminations. The spacer inside the housing ensures the electrical integrity of the connection. This makes the CKTES compatible with the complete range of Thermon Series Heating Cables, yet permitting easy assembly with a crimping tool. With the same ease, different Thermon Series Heating Cables can be terminated in one CKTES connection kit. Additionally, circuit extension or repair can be achieved by combining two heating cables in the CKTES connection kit.

Connecting the heating cable to the cold lead realizes a sufficient temperature drop between the heated surface and supply point.

Ratings . . .

Nominal voltage	up to 750V
Nominal current	up to 50A
Minimum installation temperature	-60°C
Maximum operating temperature	260°C
IP-Protection	IP66
CKTES-1 Cable range	2,9-15 Ohm/km
CKTES-2 Cable range	17,8-8000 Ohm/km

Features . . .

- Installation does not require gas torch or hot air fan.
- Installation may be performed inside potential explosive areas.
- For power connections, Power and End Terminations Kits (PETK) are available.
- ATEX and IECEx approval for hazardous areas.



Description . . .

Heating cable and cold lead are terminated by connecting the cable ends together with crimp connectors (6). These are kept apart by a spacer (3).

The housing (1) will be filled with sealant (5) to avoid water ingress.

The cable entries are sealed by a combination of rubber grommets (4) which are tightened with screw caps (2).

Certification/Approval . . .

CE 1725 Ex eb IIC T2 to T6
 Ex tb IIIC T260°C to T85°C IP66
 SIRA 10ATEX3368X IECEx SIR10.0195X



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 www.thermon.com



European Headquarters
 Boezenweg 25 • 2641 KG Pijnacker
 PO Box 205 • 2640 AE Pijnacker • The Netherlands
 Phone: +31 (0) 15-36 15 370 • Facsimile: +31 (0) 15-36 15 379

Corporate Headquarters
 100 Thermon Dr. • PO Box 609
 San Marcos, TX 78667-0609 • U.S.A.
 Phone: +1 512-396-5801 • Facsimile: +1 512-396-3627