

COOLSPICE CONNECTORS

TE Connectivity's (TE) CoolSplice connectors elegantly combine reliability with ease of termination. The CoolSplice connector from TE is suitable for splicing 22 AWG to 18 AWG (0.34 mm² - 0.75 mm²) solid and stranded wire. A common pair of pliers is used to push-button terminate insulated wires into an insulation displacement crimp contact. An industry proven reliable connection is provided and visually confirmed through the clear sidewall of the CoolSplice connector.



Applications

- Commercial refrigeration lighting
- Display and cabinet lighting
- Lighting in furniture
- Outdoor lighting
- Signs and building façade lighting
- Security and alarm systems
- Audio speaker connections

Electrical

- Current / Voltage Rating:
 - 18 AWG 5A Max at 450V AC/DC
 - 20 AWG 5A Max at 450V AC/DC
 - 22 AWG 3.5A Max at 450V AC/DC

Mechanical

- Ambient temperature between -40 C and 75 C
- CoolSplice operating temperature between -40 C and 105 C
- Suitable for 22 AWG to 18 AWG (0.34mm² - 0.75mm²) solid and stranded (see product specifications)
- IP20, IPX5, IPX7 and IPX8 rating (2 hours, 1m under water)

Specifications

- Product Specification: [108-133061](#)
- Application Specification: [114-133061](#)

Key Benefits




- Enable a waterproof solution with an IP rated splice
- Suitable for solid and stranded wire
- Time saving termination using standard tools
- Fits through 16 mm hole

Product Compliance / Approvals

- IEC 60998-2-3
- UL 1977
- UL 2459 (pending)

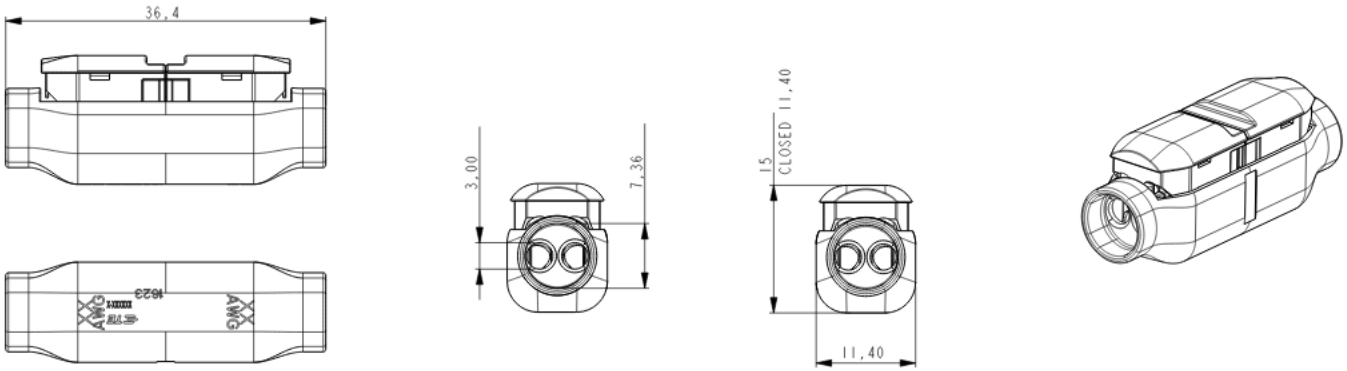


Product Selection Information

Description	Wire Size*	Sealed (Y/N)	Part Number
 CoolSplice Connector	18 AWG 0.75 mm²	N	2213800-1
 CoolSplice Connector	18 AWG 0.75 mm²	Y	2213800-2
 CoolSplice Connector	20-22 AWG 0.52 - 0.34 mm²	N	2213800-3
 CoolSplice Connector	20-22 AWG 0.52 - 0.34 mm²	Y	2213800-4

*Wire sizes corresponding to IEC60998-1

Dimensions



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