

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 (0.33 mm² - 0.75 mm²) solid, fused 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

- Voltage: 230V Max 50V AC / 120DC
- Current: 5 Amp Max 2.5 A Max

Mechanical

- Operating temperature: -40 to +85 °C
- Cable entry diameter: Max 7.3 mm
- Wire entry diameter: Max 2.85 mm
- Suitable for 22 AWG to 18 AWG (0.33 mm² - 0.75 mm²) stranded, fused, solid (see product specifications)
- IP30, IPX5, IPX7 and IPX8 (2 hours, 1m under water) rating





Specifications

- Application Specification: [114-19136](#)
- Product Specification: [108-19419](#)
- KEMA/ENEC
- UL

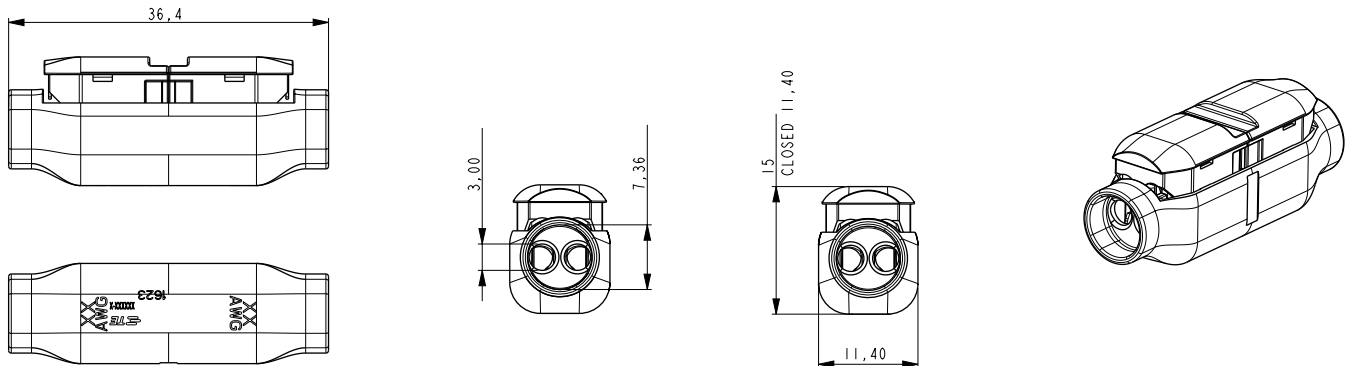
Key Benefits

- Enable a waterproof solution with an up to IPX8 rated connector
- Suitable for solid, fused and stranded wire
- Time saving termination using standard tools
- Fits through 16 mm hole

Product Selection Information

	Description	Wire Size	Sealed (Y/N)	Part Number
	CoolSplice Connector	18 AWG 0.75 mm ²	N	2213800-1
	CoolSplice Connector	18 AWG 0.75 mm ²	Y	2213800-2
	CoolSplice Connector	20-22 AWG 0.52 - 0.33 mm ²	N	2213800-3
	CoolSplice Connector	20-22 AWG 0.52 - 0.33 mm ²	Y	2213800-4

Dimensions



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