Sealant Filled Connectors

Accessories for HVAC/R

Rev. 11/10/16

Features & Options

- Creates a Weatherproof Wire Connection
- Crimp-On & Twist-On Styles Available

BAPI's Sealant Filled Connectors (SFC) contain a moisture-excluding sealant which encapsulates the electrical connection protecting it from moisture and oxidation. This encapsulation also reduces the potential for fire, electrocution and flashover. BAPI offers three types of SFCs: a Twist-On and a two styles of Crimp-On. The Crimp-On SFC3000 is used for factory terminations, while the Twist-On SFC2000 and Crimp-On SFC1000 are used for field terminations.

The SFC1000 accepts two 22 to 26 AWG wires. It has a voltage rating of 60 volts with a temperature not to exceed 140°F (60ºC), and it is not UL listed.

The SFC2000 accepts two 22 AWG wires or one 22 AWG and one 16 or 18 AWG wire. It has a voltage rating of 300 volts and a temperature not to exceed 221°F (105ºC), and it is not UL listed.

The SFC3000 accepts two wires of 19 to 26 AWG. It has a voltage rating of 50 volts with an operating temperature of -40 to 285°F (-40 to 140°C), and it is not UL listed.

Crimp-On SFC1000

Twist-On SFC2000

Crimp-On SFC3000

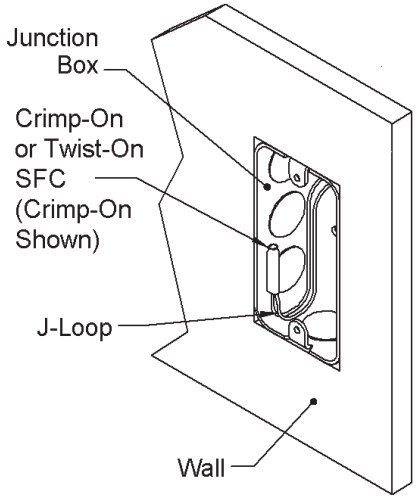
PART NUMBER	DESCRIPTION
BA/SFC1000-100	100 Crimp-On Style SFCs
BA/SFC1000-500	500 Crimp-On Style SFCs
BA/SFC1000-1000	1,000 Crimp-On Style SFCs
BA/SFC2000-100	100 Twist-On Style SFCs
BA/SFC2000-500	500 Twist-On Style SFCs
BA/SFC2000-1000	1,000 Twist-On Style SFCs
BA/SFC3000-100	100 Crimp-On Style SFCs
BA/SFC3000-500	500 Crimp-On Style SFCs
BA/SFC3000-1000	1,000 Crimp-On Style SFCs

See end of Section E for list pricing.

J-Loop Termination Technique

Incorporating a "J-Loop" (also known as a drip loop) into all terminations adds an additional layer of protection against moisture and oxidation by directing moisture away from the connection.

The idea is to place the wire junction as high as possible and form a "J" with the leadwires. The bottom of this "J" should be below the junction point. Any moisture that collects on the leadwires is pulled downward by gravity to the bottom of this loop and away from the junction.



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