

Liebert AccuGuide®

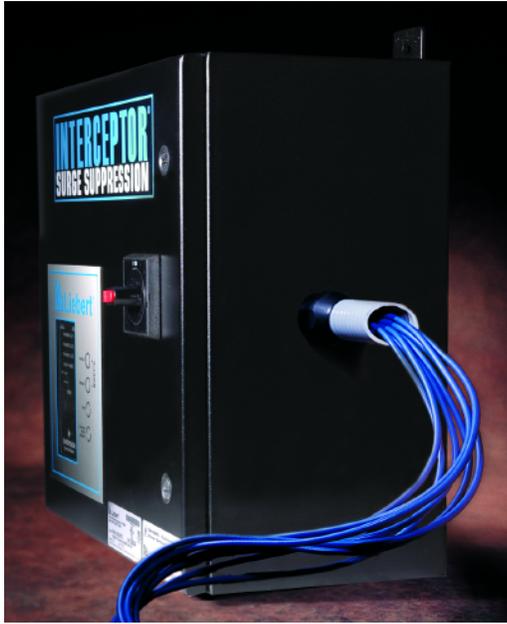
High-Performance Interconnect Assemblies for
Systems with Parallel Surge Protection Devices



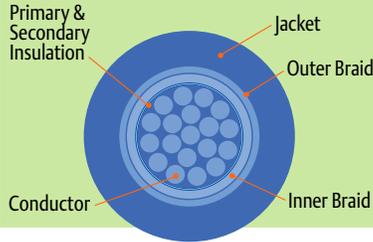
Interconnect made of conventional wire in conduit distributes line power, but reduces the performance of surge suppressors. The patented Liebert AccuGuide interconnect allows you to get the most from your SPD by significantly reducing clamping voltages.

Liebert AccuGuide interconnect assemblies can maximize performance by transmitting transients generated by lightning and switching with minimal voltage drops. Each Liebert AccuGuide unit is an assembly of patented coaxial cables. (One Liebert AccuGuide coaxial cable is required for each protected mode.) Each cable minimizes inductance (through reduced coaxial aspect ratios), and features an extremely low impedance (2-10) unattainable in conventional interconnect. As a result, the assembly delivers practically the entire surge to the Surge Protection Device (SPD). Clamping voltages are greatly reduced and system performance is improved.

Liebert AccuGuide is designed to aid any installation. This accessory is especially valuable in cases where the SPD cannot be installed close to the point of protection (greater than five feet). In conventional interconnect, voltage loss increases with length — in excess of 16V/ft/kA for an ANSI/IEEE, C62.41 combinations wave. In contrast, Liebert AccuGuide losses are under 4.2V/ft/kA for an improvement of 400%.



Liebert AccuGuide Coax Construction



Ordering Information:
Liebert AccuGuide cable assemblies are available in several standard lengths for any service configuration with up to seven modes of protection. The conductor gauge is configured to accommodate the system.

How To Order Liebert AccuGuide®

Voltage configuration:
 Wye (Y), Delta (D), Split Phase (S)

Modes of protection:
 111-All modes for Y system
 110-line to line, line to ground
 101-line to neutral, neutral to ground

Liebert AccuGuide lengths:
 5 feet 8 feet 10 feet 12 feet 15 feet 20 feet

Pigtail gauge:
 No. 6 AWG No. 8 AWG No. 10 AWG

Note: 5 feet of pigtail length will be provided on each side of the Liebert AccuGuide assembly. Please specify pigtail gauge (conduit nipple to SPD connection/conduit nipple to power source connection).

How to construct an AccuGuide (ACG) model #	Code
1. Liebert AccuGuide	ACG
2. Voltage configuration	Y
3. Mode of protection	111
4. Liebert AccuGuide length: 8 feet	08
5. Pigtail gauge: No. 8 AWG	08
<i>Sample model #: ACGY1110808</i>	

Required conduit size: 1/2" to 2"

General Specifications

Voltage (VAC)	0 to 600
Operating frequency (Hz)	0 to 400
Altitude (m)	18,000 feet
Operating temperature (°C)	-40 to +90
Operating humidity (%)	0 to 95 (non-condensing)
Flame resistance	VW-1
DC resistance (mΩ/ft/mode)	≤ 1.3
Warranty	5-years
Safety agency approval	UL Listed Wire Assembly Kit
Patent number	5,384,429

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