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Converter AC Line Source Configuration Attributes

These are the converter AC Line source configuration attributes associated with the AC Line input to a Converter.

AC Line Source Select

Usage	Access	T	Data Type	Default	Min	Max	Semantics of Values
Optional - G	Set/SSV		USINT	0	-	-	Enumeration: 0 = AC Line A 1 = AC Line B (Alternate) 2-255 = Reserved

The AC Line Source Select attribute determines which AC Line source is active for the converter and applies the configured impedance and power rating of that source to the converter's control structure.

AC Line Source Impedance

Usage	Access	T	Data Type	Default	Min	Max	Semantics of Values
Optional - G	Set/SSV		REAL	5	0	100	% Rated Impedance

The AC Line Source Impedance attribute determines the impedance of the AC line source as a percent of the transformer or generator impedance rating.

AC Line Source Power

Usage	Access	T	Data Type	Default	Min	Max	Semantics of Values
Optional - G	Set/SSV		REAL	2500 10*Converter Rated Power	0		kVA

The AC Line Source Power attribute sets the power rating of the transformer or generator feeding power to the converter as a percentage of the converter's power rating.

AC Line Source Impedance - Alternate

Usage	Access	T	Data Type	Default	Min	Max	Semantics of Values
Optional - G	Set/SSV		REAL	5	0	100	% Rated Impedance

The AC Line Source Impedance - Alternate attribute determines the impedance of the alternate AC line source as a percent of the transformer or generator impedance rating.

AC Line Source Power - Alternate

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Usage	Access	T	Data Type	Default	Min	Max	Semantics of Values
Optional - G	Set/SSV		REAL	100 10*Converter Rated Power	0		kVA

The AC Line Source Power - Alternate attribute selects the power rating of the alternate transformer or generator feeding power to the converter as a percentage of the converter's power rating.

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