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Converter Current Reference Signal Attributes

These are the current reference signal attributes associated with a Regenerative Converter.

Active Current Reference

Usage	Access	T	Data Type	Default	Min	Max	Semantics of Values
Required - G	Get/GSV	T	Real	-	-	-	% Rated

The Active Current Reference attribute is the commanded active current sourced by the DC bus voltage control loop or the Active Current Command depending on Converter Control Mode. % Rated is defined as percent of the Converter Rated Input Current.

Active Current Reference - Filtered

Usage	Access	T	Data Type	Default	Min	Max	Semantics of Values
Required - G	Get/GSV	T	Real	-	-	-	% Rated

The Active Current Reference - Filtered attribute is the commanded active current reference signal after passing through the active current reference filters.

Active Current Reference - Compensated

Usage	Access	T	Data Type	Default	Min	Max	Semantics of Values
Required - G	Get/GSV	T	Real	-	-	-	% Rated

The Active Current Reference - Compensated attribute is the commanded active current reference signal after passing through the AC Line Filter Compensation block.

Reactive Current Reference

Usage	Access	T	Data Type	Default	Min	Max	Semantics of Values
Required - G	Get/GSV	T	Real	-	-	-	% Rated

The Reactive Current Reference attribute is the commanded reactive current output of the Reactive Power Control block.

Reactive Current Reference - Compensated

Usage	Access	T	Data Type	Default	Min	Max	Semantics of Values
Required - G	Get/GSV	T	Real	-	-	-	% Rated

The Reactive Current Reference - Compensated attribute is the commanded reactive current reference signal after passing through the AC Line Filter Compensation block.

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