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Axis Info Attributes

These are the attributes that provide information about the associated hardware capabilities of Motion Control Axis.

Inverter Rated Output Voltage

Usage	Access	T	Data Type	Default	Min	Max	Semantics of Values
Required - D	Get/GSV		REAL	-	-	-	Volts (RMS)

The Inverter Rated Output Voltage attribute is the drive inverter output voltage rating. This value is hard coded in the device.

Inverter Rated Output Current

Usage	Access	T	Data Type	Default	Min	Max	Semantics of Values
Required - D	Get/GSV		REAL	-	-	-	Amps (RMS)

The Inverter Rated Output Current attribute is the drive inverter output current rating. This value is hard coded in the device.

Inverter Rated Output Power

Usage	Access	T	Data Type	Default	Min	Max	Semantics of Values
Required - D	Get/GSV		REAL	-	-	-	Kilowatts

The Inverter Rated Output Power attribute is the drive inverter output power rating. This value is hard coded in the device.

Converter Rated Output Current

Usage	Access	T	Data Type	Default	Min	Max	Semantics of Values
Optional - BD	Get/GSV		REAL	-	-	-	Amps

The Converter Rated Output Current attribute is the converter output current rating.

Converter Rated Output Power

Usage	Access	T	Data Type	Default	Min	Max	Semantics of Values
Optional - BD	Get/GSV		REAL	-	-	-	Kilowatts

The Converter Rated Output Power attribute is the converter output power rating.

Converter Rated Output Voltage

Usage	Access	T	Data Type	Default	Min	Max	Semantics of Values
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Optional - BD	Get/GSV		REAL	-	-	-	Volts

The Converter Rated Output Voltage attribute is the converter output voltage rating.

Converter Rated Input Current

Usage	Access	T	Data Type	Default	Min	Max	Semantics of Values
Optional - BD	Get/GSV		REAL	-	-	-	Amps (RMS)

The Converter Rated Input Current attribute is the converter input current rating.

Converter Rated Input Power

Usage	Access	T	Data Type	Default	Min	Max	Semantics of Values
Optional - BD	Get/GSV		REAL	-	-	-	Kilowatts

The Converter Rated Input Power attribute is the converter input power rating.

Converter Rated Input Voltage

Usage	Access	T	Data Type	Default	Min	Max	Semantics of Values
Optional - BD	Get/GSV		REAL	-	-	-	Volts (RMS)

The Converter Rated Input Voltage attribute is the converter input voltage rating.

Drive Power Structure Axis ID

Usage	Access	T	Data Type	Default	Min	Max	Semantics of Values
Optional - D	Get/GSV		UDINT	-	-	-	Volts (RMS)

The Drive Power Structure Axis ID attribute represents an ID assigned by the drive vendor that uniquely identifies the power structure associated with this axis instance. By contrast, power structure hardware that is common or identical to all axis instances of the drive (excluding master feedback axes) can be identified using the Drive Power Structure Class ID attribute. The Drive Power Structure Axis ID can be included as part of the data segment in the CIP Motion connection’s Forward Open service to confirm that the power structure for this axis instance matches the configuration in the controller. Axis instances with power structures that are not configured are set to 0, indicating to the device that the Drive Power Structure Axis ID for such an axis instance does not need to be checked.

See also

- [Drive Output Attributes](#)
- [Power and Thermal Management Configuration Attributes](#)

[Attributes](#)

- [Converter Current Control Configuration Attributes](#)
- [Converter Current Control Signal Attributes](#)
- [Converter Current Reference Configuration Attributes](#)
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