

Axis Exception Action Configuration Attributes

These configuration attributes control the action performed by the device as a result of an exception condition. A unique exception action is defined for each supported exception condition.

CIP Axis Exception Action

Usage	Access	Data Type	Default	Min	Max	Semantics of Values
Required - All	Set	USINT [64]	4 (D) 2 (E) 4 (B)	-	-	Enumeration for Drive Modes (D) 0 = Ignore (O) 1 = Alarm (O) 2 = Fault Status Only (O) 3 = Stop Planner (O) 4 = Disable (R) 5 = Shutdown (R) Enumeration for Feedback Only (E) 0 = Ignore (O) 1 = Alarm (O) 2 = Fault Status Only (R) 3 = N/A 4 = N/A 5 = Shutdown (R) Enumeration for Bus Power Converters (B) 0 = Ignore (O) 1 = Alarm (O) 2 = Fault Status Only (O) 3 = N/A 4 = Disable (R) 5 = Shutdown (R) 6...254 = Reserved 255 = Unsupported (O)

The CIP Axis Exception Action attribute is a 64-element array of enumerated bytes that specifies the action for the associated standard axis exception.

CIP Axis Exception Action 2

Usage	Access	Data Type	Default	Min	Max	Semantics of Values
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Required - G	Set	USINT [64]	4 (D) 2 (E) 4 (B)	-	-	Enumeration for Drive Modes (D) 0 = Ignore (O) 1 = Alarm (O) 2 = Fault Status Only (O) 3 = Stop Planner (O) 4 = Disable (R) 5 = Shutdown (R) Enumeration for Feedback Only (E) 0 = Ignore (O) 1 = Alarm (O) 2 = Fault Status Only (R) 3 = N/A 4 = N/A 5 = Shutdown (R) Enumeration for Bus Power Converters (B) 0 = Ignore (O) 1 = Alarm (O) 2 = Fault Status Only (O) 3 = N/A 4 = Disable (R) 5 = Shutdown (R) 6...254 = Reserved 255 = Unsupported (O)

The CIP Axis Exception Action 2 attribute is a 64-element array of enumerated bytes that specifies the action for the associated standard axis exception.

CIP Axis Exception Action - RA

Usage	Access	Data Type	Default	Min	Max	Semantics of Values

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- [General Motor Attributes](#)
- [General Permanent Magnet Motor Attributes](#)
- [General Rotary Motor](#)

Required - All	Set	USINT [64]	4 (D) 2 (E) 4 (B)	-	-	Enumeration for Drive Modes (D) 0 = Ignore (O) 1 = Alarm (O) 2 = Fault Status Only (O) 3 = Stop Planner (O) 4 = Disable (R) 5 = Shutdown (R) Enumeration for Feedback Only (E) 0 = Ignore (O) 1 = Alarm (O) 2 = Fault Status Only (R) 3 = N/A 4 = N/A 5 = Shutdown (R) Enumeration for Bus Power Converters (B) 0 = Ignore (O) 1 = Alarm (O) 2 = Fault Status Only (O) 3 = N/A 4 = Disable (R) 5 = Shutdown (R) 6...254 = Reserved 255 = Unsupported
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The CIP Axis Exception Action attribute is a 64-element array of enumerated bytes that specifies the action for the associated Rockwell Automation specific axis exception.

CIP Axis Exception Action 2 - RA

Usage	Access	Data Type	Default	Min	Max	Semantics of Values
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- [Motor Attributes](#)
- [Motor Attributes Model](#)

Required - G	Set	USINT [64]	4 (D) 2 (E) 4 (B)	-	-	Enumeration for Drive Modes (D) 0 = Ignore (O) 1 = Alarm (O) 2 = Fault Status Only (O) 3 = Stop Planner (O) 4 = Disable (R) 5 = Shutdown (R) Enumeration for Feedback Only (E) 0 = Ignore (O) 1 = Alarm (O) 2 = Fault Status Only (R) 3 = N/A 4 = N/A 5 = Shutdown (R) Enumeration for Bus Power Converters (B) 0 = Ignore (O) 1 = Alarm (O) 2 = Fault Status Only (O) 3 = N/A 4 = Disable (R) 5 = Shutdown (R) 6...254 = Reserved 255 = Unsupported
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The CIP Axis Exception Action 2 attribute is a 64-element array of enumerated bytes that specifies the action for the associated Rockwell Automation specific axis exception.

See also

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[Motor Attributes Model](#)

[Motor Test Result Attributes](#)

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