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ESC State

× EtherCAT 통신칩에 대한 안내 페이지입니다.

The screenshot displays the ESC State monitoring software interface. The main area shows a 'Topology View' with a network diagram of nodes. A context menu is open over a node, showing options: 'Show ESC Details', 'Get AllStatus Error', 'Clear Error', and 'Clear Error All'. On the left, a 'Cycle Time' panel shows 'RoundTrip' (Set: 1000, Current: 57, Max: 59, Average: 54.43) and 'ProcessCycle' (App: 130, Net: 63). At the bottom, a status bar shows 'Discon', 'Initial', 'PreOP', 'SafeOP', 'OP', 'Update', '+', '-', and 'ESC Info' buttons.

- 슬레이브 선택 후 마우스를 우클릭하여, **Show ESC Details**버튼을 클릭합니다.
 - 또는 하단 우측의 **ESC Info**버튼을 클릭합니다.
 - 또는 **Main - Motion View - EscState** 버튼을 클릭합니다.

The screenshot displays two windows: 'Topology View' and 'ESC State'. The 'Topology View' shows a network diagram with nodes like [02FF] MASTER, [000A] MADHT1, and various ETS and ECS nodes. The 'ESC State' window shows the configuration for node MADHT1505BA1, including an EtherCAT Processor with an Error count of 0, and three ports (Port 0, Port 1, Port 2, Port 3) with their respective status tables. A cycle time summary is also visible on the left.

RoundTrip	Set: 1000
	Current: 58
	Max: 59
	Average: 54.63
ProcessCycle	App: 120
	Net: 63

Link	Open	Comm
Lost Link	0	0
Invalid Frame	0	0
Rx Error	0	0
Forwarded Rx Error	0	0

Link	Open	Comm
Lost Link	0	0
Invalid Frame	0	0
Rx Error	0	0
Forwarded Rx Error	0	0

Link	Close	Comm
Lost Link	0	0
Invalid Frame	0	0
Rx Error	0	0
Forwarded Rx Error	0	0

Link	Close	Comm
Lost Link	0	0
Invalid Frame	0	0
Rx Error	0	0
Forwarded Rx Error	0	0

Details

This screenshot provides a detailed view of the ESC State window for node MADHT1505BA1, with yellow annotations explaining the components. The EtherCAT Processor shows an Error count of 0. The ports (Port 0, Port 1, Port 2, Port 3) have status tables. Annotations include: 'Selected Node Name' pointing to MADHT1505BA1; 'Click to show the previous ESC' and 'Click to show the next ESC' pointing to navigation arrows; 'Register Type' pointing to the IPcore; 'Click to Clear Errors' pointing to the Error Reset button; 'ECAT Processing Unit Error Counter' pointing to the Error field; 'Port Number' pointing to the port headers; 'Comm : Communication on Port (No Stable / Establish)' pointing to the Comm column; 'Loop : Port Open / Port Close' pointing to the Open column; and 'Link : Physical Link on Port (No Link / Link Detected)' pointing to the Link column.

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