

Official Release	Version	Applied date	Company	File
	0.96	2025.2.25	LSM LS ELECTRIC	LS ELECTRIC EtherCAT Drive_V0.96e_20250225.xml LS ELECTRIC EtherCAT Drive V0.96k_20250225.xml LS ELECTRIC EtherCAT Drive V0.96c_20250225.xml
	Changes			Details
	1. Parameter modification			1. ix7NH <ul style="list-style-type: none"> <li>1) Add: Lost Command mode[0x2428] Add: Lost Command Time[0x2429]</li> <li>2) Revise sIdentity.u32Revision = 0x00000006; -&gt; sIdentity.u32Revision = 0x00000005;</li> <li>3) Lost Command Time[0x2429] data type UINT -&gt; UDINT</li> <li>4) Parameter modification 1 <ul style="list-style-type: none"> <li>a. Name: Motor Thermal Protection Enable =&gt; Functional bit settings</li> <li>b. Range: 0-1 =&gt; 0-65535</li> <li>c. Initial value: 0 =&gt; 0</li> </ul> </li> <li>5) Parameter modification 2 <ul style="list-style-type: none"> <li>a. Name: 0x101, 0x1011 Sub 5 [Retore Index parameter]</li> <li>b. Modification: Deleted <ul style="list-style-type: none"> <li>- Not used in ix7nh</li> </ul> </li> </ul> </li> <li>6) Parameter modification 3 <ul style="list-style-type: none"> <li>a. Name: Main Power Fail Check Mode [0x2006]</li> <li>b. Range: Max. 0xFF -&gt; 0xFFFF <ul style="list-style-type: none"> <li>- When using the function to save Alarm history when AL-40/42 occurs, 0x100 must be entered: Currently, the maximum value can only be entered up to 0xFF, so the range needs to be expanded.</li> </ul> </li> </ul> </li> </ul>

#### 2. ix7M

- 1) RxPdo list not changed
- 2) Modified TxPdo list
  - 4 axis  
0x1A00, 0x1A10, 0x1A20, 0x1A30 initial value are 0x6061, 0x6861, 0x7061,  
Add: 0x7861[Mode of Operation Display] object

		<ul style="list-style-type: none"> <li>- 3 axis 0x1A00, 0x1A10, 0x1A20 list initial value are 0x6061, 0x6861, Add: 0x7061 [Mode of Operation Display] object</li> <li>- 2 axis 0x1A00, 0x1A10 list initial value is 0x6061, Add: 0x6861 [Mode of Operation Display] object</li> </ul> <p>3. PHOX</p> <p>1) Parameter modification</p> <ul style="list-style-type: none"> <li>a. Name: Full-Closed Control Mode*[0x2023]</li> <li>b. Range: 0~2 =&gt; 0~3</li> <li>c. Initial value: 0 =&gt; 0</li> </ul> <p>4. L7P</p> <p>1) Modified 0x1018 type capacity to write serial number</p> <p>5. iX700MD</p> <p>1) Added new models</p> <ul style="list-style-type: none"> <li>- iX700MD(1-axis), iX700MD(2-axis), iX700MD(3-axis), iX700MC</li> </ul>
	Applied model (SW Ver)	Note
	1. Drive all models	