

OFFICIAL MANUFACTURER DOCUMENT PACKAGE

Installation Instructions

6ES7515-2TM01-0AB0

Siemens official documentation for the exact article number.

Source: 6ES7515-2TM01-0AB0.pdf

Selected official Siemens pages follow this cover.

for technology objects		
• Required Extended Motion Control resources		
— per cam (1 000 points and 50 segments)	2	
— per cam (10 000 points and 50 segments)	20	
— for each set of kinematics	30	
— Per leading axis proxy	3	
• Positioning axis		
— Number of positioning axes at motion control cycle of 4 ms (typical value)	7	
— Number of positioning axes at motion control cycle of 8 ms (typical value)	14	
Controller		
• PID_Compact	Yes; Universal PID controller with integrated optimization	
• PID_3Step	Yes; PID controller with integrated optimization for valves	
• PID-Temp	Yes; PID controller with integrated optimization for temperature	
Counting and measuring		
• High-speed counter	Yes	
Ambient conditions		
Ambient temperature during operation		
• horizontal installation, min.	0 °C	
• horizontal installation, max.	60 °C; Display: 50 °C, at an operating temperature of typically 50 °C, the display is switched off	
• vertical installation, min.	0 °C	
• vertical installation, max.	40 °C; Display: 40 °C, at an operating temperature of typically 40 °C, the display is switched off	
Ambient temperature during storage/transportation		
• min.	-40 °C	
• max.	70 °C	
Altitude during operation relating to sea level		
• Installation altitude above sea level, max.	5 000 m; Restrictions for installation altitudes > 2 000 m, see manual	
Configuration		
Programming		
Programming language		
— LAD	Yes	
— FBD	Yes	
— STL	Yes	
— SCL	Yes	
— GRAPH	Yes	
Know-how protection		
• User program protection/password protection	Yes	
• Copy protection	Yes	
• Block protection	Yes	
Access protection		
• protection of confidential configuration data	Yes	
• Password for display	Yes	
• Protection level: Write protection	Yes	
• Protection level: Read/write protection	Yes	
• Protection level: Complete protection	Yes	
Cycle time monitoring		
• lower limit	adjustable minimum cycle time	
• upper limit	adjustable maximum cycle time	
Dimensions		
Width	70 mm	
Height	147 mm	
Depth	129 mm	
Weights		
Weight, approx.	830 g	
Classifications		
	Version	Classification