

OFFICIAL MANUFACTURER DOCUMENT PACKAGE

Installation Instructions

6ES7516-3AN00-0AB0

Siemens official documentation for the exact article number.

Source: 6ES7516-3AN00-0AB0.pdf

Selected official Siemens pages follow this cover.

Number of external encoders, max.	20 ; Up to 20 axes in total (speed-controlled, positioning axis, external encoders) are supported
Controller	
PID_Compact	Yes ; Universal PID controller with integrated optimization
PID_3Step	Yes ; PID controller with integrated optimization for valves
Counting and measuring	
High-speed counter	Yes
Ambient conditions	
Operating temperature	
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
Configuration	
programming	
Programming language	
LAD	Yes
FBD	Yes
STL	Yes
SCL	Yes
Know-how protection	
User program protection	Yes
Copy protection	Yes
Block protection	Yes
Access protection	
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
Weight	
Weight, approx.	845 g