



S7-1500 Digital input module

6ES7521-1BL10-0AA0

URL:<https://www.sxplc.com/s7-1500-digital-input-module-6es7521-1bl10-0aa0>

Product data sheet

Product type designation	DI 32x24VDC BA
HW functional status	From FS01
Firmware version	V1.0.0
<ul style="list-style-type: none"> • FW update possible 	Yes
Product function	
<ul style="list-style-type: none"> • I&M data 	Yes; I&M0 to I&M3
<ul style="list-style-type: none"> • Isochronous mode 	No
<ul style="list-style-type: none"> • Prioritized startup 	Yes
Engineering with	
<ul style="list-style-type: none"> • STEP 7 TIA Portal configurable/integrated from version 	V13 / V13
<ul style="list-style-type: none"> • STEP 7 configurable/integrated from version 	V5.5 SP3 / -
<ul style="list-style-type: none"> • PROFIBUS from GSD version/GSD revision 	V1.0 / V5.1
<ul style="list-style-type: none"> • PROFINET from GSD version/GSD revision 	V2.3 / -
Operating mode	
<ul style="list-style-type: none"> • DI 	Yes
<ul style="list-style-type: none"> • Counter 	No
<ul style="list-style-type: none"> • MSI 	Yes
Supply voltage	
Rated value (DC)	24 V
permissible range, lower limit (DC)	19.2 V
permissible range, upper limit (DC)	28.8 V
Power	
Power available from the backplane bus	1.05 W
Power loss	
Power loss, typ.	3 W
Digital inputs	
Number of digital inputs	32
Digital inputs, parameterizable	No
Source/sink input	P-reading
Input characteristic curve in accordance with IEC 61131, type 3	Yes

