

SIEMENS SIMATIC S7

Product Data Sheet

6ES7122-1BB00-0AA0

SIMATIC SC output submodule

DIGITAL OUTPUTS	RATED LOAD VOLTAGE	RATED OUTPUT CURRENT	COMPATIBLE TERMINAL BLOCK
2	24 V DC	0.5 A	TB 16SC

Siemens 6ES7122-1BB00-0AA0 is a simatic sc output submodule for the Siemens Simatic S7 product family. It provides 2 for distributed automation, machine control, and industrial communication tasks.

01 VERIFIED TECHNICAL DATA

Digital outputs	2
Rated load voltage	24 V DC
Rated output current	0.5 A
Compatible terminal block	TB 16SC
No-load current	3 mA max.
Power loss	0.4 W typ.
Short-circuit threshold	0.7 to 1.8 A
Lamp load	2.5 W max.
Load resistance	48 to 4,800 ohm
Output delay 0 to 1	200 microseconds max.

ADDITIONAL PRODUCT DATA

Output delay 1 to 0	1.3 ms max.
Resistive switching frequency	100 Hz max.
Inductive switching frequency	2 Hz max.
Isolation test	1,500 V AC

DOCUMENTED USE SETTINGS

Automotive Production and Assembly: Body production lines.

Water Treatment and Distribution: Pumping station automation.

Food Processing and Packaging: Packaging machine control.

SYSTEM COMPATIBILITY

Install 6ES7122-1BB00-0AA0 only in the documented Siemens Simatic S7 environment and verify the applicable terminal, bus, or module interface before wiring.

PRODUCT EVIDENCE

Siemens product data sheet