

SIPLUS S7-1500 DQ32 HF

Product Data Sheet

6AG1522-1BL01-7AB0

Coated Digital Output Module

OUTPUT CHANNEL CAPACITY	OUTPUT CURRENT PER CHANNEL	ISOLATED LOAD-GROUP SIZE	MAXIMUM GROUP CURRENT
32 transistor outputs	0.5 A	8 channels	4 A, reduced to 2 A above 60 deg C

Siemens 6AG1522-1BL01-7AB0 is a coated digital output module in the SIPLUS S7-1500 DQ32 HF range. It is used for digital actuator control within documented extended environmental conditions in compatible industrial automation projects.

01 VERIFIED TECHNICAL DATA

Output channel capacity	32 transistor outputs
Output current per channel	0.5 A
Isolated load-group size	8 channels
Maximum group current	4 A, reduced to 2 A above 60 deg C
Maximum total module current	16 A, subject to derating
DC supply range	19.2 to 28.8 V
Maximum electronics current	60 mA
Backplane power requirement	1.1 W
Typical power loss	3.5 W
Typical short-circuit threshold	1 A

ADDITIONAL PRODUCT DATA

Maximum output residual current	0.5 mA
Turn-on delay	100 micros maximum
Turn-off delay	500 micros maximum
Operating ambient	-40 to 70 deg C, horizontal mounting and derating
Isolation test voltage	707 V DC type test

DOCUMENTED USE SETTINGS

Chemical and Petrochemical Production Processes: Chemical Production Process Automation.

Mining and Industrial Ore Processing: Mineral Processing and Beneficiation.

Water Supply and Municipal Wastewater Treatment: Industrial Water Treatment Processes.

SYSTEM COMPATIBILITY

Integrate 6AG1522-1BL01-7AB0 only in the documented SIPLUS S7-1500 DQ32 HF configuration. Match the installed interfaces and the engineered application before selecting this coated digital output module.

PRODUCT EVIDENCE

Siemens 6AG1522-1BL01-7AB0 product technical data; pages 1, 2, 3

AMIKON PRODUCT SUPPORT

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