AMIKON TECHNICAL DOCUMENTATION

Product Data Sheet

Siemens 6ES7288-5DT04-0AA0

SB DT04 Digital I/O Board

INPUTS	OUTPUTS	OUTPUT LOAD	FORMAT
2 sinking channels	**2 sourcing channels**	**0.5 A per point**	**CPU signal board**

Siemens 6ES7288-5DT04-0AA0 is the SB DT04 digital signal board for a compatible S7-200 SMART CPU. It adds two nominal 24 V DC sinking inputs and two sourcing transistor outputs through the CPU's signal-board position, rather than a separate expansion-module housing.

01 VERIFIED TECHNICAL INFORMATION

Digital inputs	2
Input type	Sink; IEC Type 1 sink
Nominal input voltage	24 V DC at 4 mA
Logic 1 minimum	15 V DC at 2.5 mA
Logic 0 maximum	5 V DC at 1 mA
Input filtering	Individually selectable: 0.2, 0.4, 0.8, 1.6, 3.2, 6.4 or 12.8 microseconds or milliseconds
Digital outputs	2 sourcing MOSFET transistor outputs

Manufacturer evidence: S7-200 SMART System Manual; exact-model manual section.

02 TECHNICAL INFORMATION CONTINUED

Output voltage range	20.4 to 28.8 V DC
Output current per point	0.5 A maximum
Output current per common	1 A maximum
Output overload protection	Not provided
Switching delay	2 microseconds maximum off-to-on; 10 microseconds maximum on-to-off
Output behavior in STOP	Last value or substitute value; default substitute is 0
5 V DC current consumption	50 mA
Power dissipation	1.0 W

03 SOURCE AND CONFIGURATION CHECKS

Each input has individually selectable filtering, while the output pair shares a 1 A common limit and a 0.5 A limit per point. The six-position connector brings together the two outputs, two inputs and field supply, with the exact terminal order defined by Siemens.

Packed dimensions and supplied-unit origin must be checked against the actual delivery. No verified gross shipping weight is inferred from module net mass.

Siemens original documentation and product reference

AMIKON PRODUCT SUPPORT

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