SIMATIC ET 200L

Product Data Sheet

6ES7132-1BH00-0XB0

16-channel Digital Output Electronic Block

DIGITAL OUTPUT CAPACITY	PERMISSIBLE CHANNEL CURRENT	REQUIRED TERMINAL BLOCK	MAXIMUM ELECTRONICS SUPPLY CURRENT
16 channels; 24 V DC	**1 mA to 0.5 A for signal 1**	**TB 16L**	**70 mA from L4+ / L5+**

Siemens 6ES7132-1BH00-0XB0 is a SIMATIC ET 200L electronic block with sixteen 24 V DC digital outputs. It serves distributed output control on a PROFIBUS DP network, using the specified TB 16L terminal block for the permanent field wiring.

01 VERIFIED TECHNICAL DATA

Digital output capacity	16 channels; 24 V DC
Permissible channel current	1 mA to 0.5 A for signal 1
Required terminal block	TB 16L
Maximum electronics supply current	70 mA from L4+ / L5+
Typical power loss	5 W
Typical short-circuit response	0.7 A
Maximum lamp load	5 W per output
Permitted load resistance	41 ohm to 28 kohm
Resistive-load output delays	50 µs ON; 200 µs OFF maximum
Maximum switching frequency	100 Hz resistive; 0.5 Hz inductive; 8 Hz lamp

Values follow the unit photographs and applicable documents identified on page 2.

02 ADDITIONAL PRODUCT DATA

Horizontal load-group current	4 A at 30 deg C; 3 A at 40 deg C; 2 A at 60 deg C
Maximum field-cable length	1,000 m shielded; 600 m unshielded
Maximum PROFIBUS DP rate	1.5 Mbit/s
Isolation test voltage	500 V DC
Operating environment	IP20; 0 to 60 deg C horizontal, 0 to 40 deg C other positions

03 DOCUMENTED USE SETTINGS

Industrial Manufacturing and Automated Production Processing: Manufacturing Process Automation.

Food Manufacturing and Beverage Production Processing: Food Processing and Production.

Water Treatment and Wastewater Process Management: Water Treatment Process Control.

04 SYSTEM COMPATIBILITY

Use 6ES7132-1BH00-0XB0 with its specified TB 16L terminal block and an ET 200L configuration supporting sixteen digital outputs. Confirm PROFIBUS DP addressing and a transmission rate no greater than 1.5 Mbit/s.

05 PRODUCT EVIDENCE

Siemens 6ES7132-1BH00-0XB0 Data sheet, 8 March 2017, pp.1 to 4

AMIKON PRODUCT SUPPORT

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