

SIMATIC ET 200SP HA

Product Data Sheet

6DL1132-6BH00-0PH1

Sixteen Channel Digital Output Module

DIGITAL OUTPUT CONFIGURATION	RATED OUTPUT CHANNEL CURRENT	MAXIMUM MODULE OUTPUT CURRENT	ALLOWED SUPPLY VOLTAGE
16 P-switching channels; 24 V DC	0.5 A	8 A; temperature-dependent derating	19.2 to 28.8 V DC

Siemens 6DL1132-6BH00-0PH1 is a SIMATIC ET 200SP HA digital output module with sixteen 24 V DC, 0.5 A channels. It provides distributed output control for compatible high-availability process I/O stations.

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VERIFIED TECHNICAL DATA

Digital output configuration	16 P-switching channels; 24 V DC
Rated output channel current	0.5 A
Maximum module output current	8 A; temperature-dependent derating
Allowed supply voltage	19.2 to 28.8 V DC
Unloaded input current	60 mA rated; 70 mA maximum
Typical module loss	1.2 W; load-dependent
Output address allocation	2 output bytes plus 2 QI bytes
Short-circuit response range	0.7 to 1.3 A; up to 2.6 A in I/O redundancy
Wire-break test current	0.7 mA; doubled in I/O redundancy
Inductive shutdown clamping	L+ (37 to 41 V)

ADDITIONAL PRODUCT DATA

Maximum lamp switching load	5 W
Permitted load resistance	48 ohm to 12 kohm
Typical resistive switching delay	50 µs ON; 100 µs OFF
Maximum switching rates	100 Hz resistive; 2 Hz inductive; 10 Hz lamp
Horizontal total-current derating	8 A through 50 deg C; 5.5 A at 60 deg C; 3 A at 70 deg C

DOCUMENTED USE SETTINGS

Chemical Processing and Production Control: Chemical Process Production Control.

Water Processing and Treatment Control: Water Supply Process Control.

Energy Production and Process Automation: Power Production Process Control.

SYSTEM COMPATIBILITY

Select a supported ET 200SP HA terminal block for 6DL1132-6BH00-0PH1. If I/O redundancy is required, follow the documented M1 arrangement and compatible control-system configuration.

PRODUCT EVIDENCE

Siemens exact-article technical data, 6DL1132-6BH00-0PH1