Siemens 6ES7132-0BL01-0XB0

01 Identify the ET 200B base and address

1. Record the electronics-block marking, terminal-block type, PROFIBUS address and configured output allocation. Label the four load groups and separate logic supply.

2. ### Et 200b base and address — acceptance

   The proposed replacement matches both the bus configuration and the physical terminal arrangement.

Stage record	Identify the ET 200B base and address observations and acceptance result
Digital outputs	32
Isolation grouping	4 groups of 8

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02 Verify separate power feeds

1. Check L1+ through L5+ and their corresponding returns using the terminal diagram. Review group protection, simultaneous currents and the protective-earth connection of the actual base.

2. ### Separate power feeds — acceptance

   Each required supply path is intentional and no unverified internal bridge is relied upon.

Stage record	Verify separate power feeds observations and acceptance result
Supply range	18.5–30.2 V DC
Maximum output current	0.5 A per channel

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03 Reinstall the electronics block

1. Secure the actuators and follow the ET 200B replacement procedure. Restore the electronics, bus connection and recorded addressing without transferring wires to a different terminal tier.

2. ### Electronics block — acceptance

   The base, electronics and bus configuration agree, with field power available only through the intended group circuits.

Stage record	Reinstall the electronics block observations and acceptance result
Maximum load-group current	2 A
PROFIBUS rate	9.6 kbit/s–12 Mbit/s

04 Test diagnostics and field outputs

1. Observe RUN, BF, DIA and load-supply indications. Command outputs individually and in their required simultaneous pattern, checking actual actuator pickup and release.

2. Diagnostics and field outputs — acceptance

   The indication, field voltage and actuator response agree, and the group current remains acceptable during the real pattern.

Stage record	Test diagnostics and field outputs observations and acceptance result
Off-state leakage	1 mA maximum
Resistive switching frequency	1000 Hz maximum

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05 Validate bus-loss behavior

1. Perform the approved communication-interruption and recovery test. Restore normal master control and record the diagnostic and output response before releasing the machine.

2. Bus-loss behavior — acceptance

   Outputs reach their intended interruption state and recover predictably without unexpected actuation.

Technical basis: ET 200B Distributed I/O Station, EWA 4NEB 812 6089-02c.

Related product navigation

- Siemens 6ES7223-1PL32-0XB0
- Siemens 6ES7414-2XL07-0AB0
- Siemens 6ES7134-6JD00-0CA1

Related products for separate application assessment; verify the platform and interface. No interchangeability is implied.