

SIMATIC ET 200L-SC

# Product Data Sheet

**6ES7133-1BL11-0XB0**

16DI/16DO electronic block

|                                      |                                                 |                                 |                                       |
|--------------------------------------|-------------------------------------------------|---------------------------------|---------------------------------------|
| DIGITAL INPUTS<br><b>16, 24 V DC</b> | DIGITAL OUTPUTS<br><b>16, 0.5 A per channel</b> | TERMINAL BLOCK<br><b>TB 32L</b> | INPUT LOW LEVEL<br><b>-30 to +5 V</b> |
|--------------------------------------|-------------------------------------------------|---------------------------------|---------------------------------------|

Siemens 6ES7133-1BL11-0XB0 is a SIMATIC ET 200L-SC electronic block combining 16 digital inputs and 16 digital outputs. It connects 24 V DC field signals to distributed automation stations through PROFIBUS DP, serving compact machine and production-line control.

01

## VERIFIED TECHNICAL DATA

|                          |                                  |
|--------------------------|----------------------------------|
| Digital inputs           | 16, 24 V DC                      |
| Digital outputs          | 16, 0.5 A per channel            |
| Terminal block           | TB 32L                           |
| Input low level          | -30 to +5 V                      |
| Input high level         | 13 to 30 V                       |
| Input current            | 5 mA typical                     |
| Input delay              | 2 to 4.5 ms                      |
| Shielded signal cable    | 1000 m maximum                   |
| Output high level        | Supply voltage minus 3 V minimum |
| Output off-state leakage | 1 mA maximum                     |

## ADDITIONAL PRODUCT DATA

---

|                               |                |
|-------------------------------|----------------|
| Resistive switching frequency | 100 Hz maximum |
| Inductive switching frequency | 0.5 Hz maximum |
| Lamp switching frequency      | 8 Hz maximum   |
| Insulation test voltage       | 500 V DC       |
| Protection rating             | IP20           |

## DOCUMENTED USE SETTINGS

---

Industrial Manufacturing and Production: Discrete Parts Manufacturing.

Food and Beverage Manufacturing: Food Production and Packaging.

Water Treatment and Distribution: Municipal Water Treatment.

## SYSTEM COMPATIBILITY

---

6ES7133-1BL11-0XB0 is the 16di/16do electronic block for SIMATIC ET 200L-SC. Match the documented interface and installed companion equipment before configuring the assembly.

## PRODUCT EVIDENCE

---

Siemens SIMATIC ET 200L-SC technical documentation

AMIKON PRODUCT SUPPORT

+86-18020776786

INFO@AMIKON.CN

AMIKONG.COM