Siemens SIMATIC ET 200SP HA DI 32x24VDC HA 6DL1131-6BL00-0PH1

High-availability digital input module with 32 x 24 V DC inputs, channel diagnostics and H1/P0 terminal blocks.

Technical Data

Complete model	6DL1131-6BL00-0PH1
Product family	SIMATIC ET 200SP HA
Product type	DI 32x24VDC HA digital input module
Digital inputs	32
Rated input voltage	24 V DC; 19.2 to 28.8 V DC permissible
Current consumption	11.5 mA rated; 15 mA maximum
Power loss	1.6 W typical; 2.8 W maximum
Address space	4 input bytes plus 4 quality-information bytes
Terminal blocks	H1/P0
Diagnostics	Channel diagnostics, wire break and diagnostic alarm
Cable length	1,000 m shielded; 600 m unshielded
Dimensions	22.5 x 115 x 138 mm, width x height x depth
Weight	150 g
Temperature	-40 to +70 degrees C horizontal; -40 to +60 degrees C vertical

Official Source Trace

Siemens Industry Mall exact product page

Exact description, lifecycle and ordering data for 6DL1131-6BL00-0PH1.

https://mall.industry.siemens.com/mall/NO/NO/Catalog/Product/?mlfb=6DL1131-6BL00-0PH1

Siemens exact product data sheet

Exact product technical data generated by Siemens.

https://support.industry.siemens.com/teddatasheet/?caller=SIOS&format;=pdf&language;=en&mlfbs;=6DL1131-6BL00-0PH1

DI 32x24VDC HA Equipment Manual

Document A5E48262828-AA, 09/2018. Relevant pages 9-15 for properties and wiring; pages 25-28 for exact technical specifications.

https://cache.industry.siemens.com/dl/files/513/109761513/att_1091359/v1/et200sp_ha_di_32x24vdc_manual_en-US.pdf

Selection and Verification

Model verification	Match 6DL1131-6BL00-0PH1 and DI 32x24VDC HA on the label and quotation.
Station check	Confirm ET 200SP HA station compatibility and H1/P0 terminal-block arrangement.
Engineering check	Plan four input bytes plus four quality-information bytes and configure channel diagnostics.

All specifications in this extract are limited to the cited Siemens records for the exact model or to the explicit Siemens CN cross-reference stated above. No third-party or similar-suffix data is used.