

The OMRON logo is displayed in a bold, blue, sans-serif font. The letters are thick and closely spaced, with the 'O' being a solid circle. The entire logo is set against a light yellow rectangular background.

Automatización Eléctrica
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CJ1W-PRT21

PROFIBUS-DP slave unit

PROFIBUS-DP I/O link unit

- Data link to any PLC data area
- Simple configuration using max. data input 100 words and max. data output of 100 words. Max. total exchanged data 180 words.
- CJ1 special I/O unit
- Status information overview in host PLC, plus extensive diagnostics via PROFIBUS



Specifications

Installation	Host PLC System	CJ1
	Maximum number of Units per PLC system	40
	Current consumption	400 mA (maximum) at 5V DC from PLC power supply
	Weight	90 g (typical)
Environment	Storage temperature	-20°C to +70°C
	Operating temperature	0°C to +55°C
	Operating humidity	10 to 90% (non-condensing)
	Conformance to EMC- and environmental standards	EN50081-2 EN61131-2
User Interface	Switch settings	Special I/O Machine number (00-95) by 2 rotary switch PROFIBUS-DP node address (00-99) by 2 rotary switches
	LED Indicators	Unit status: RUN (green LED), ERC (red LED) Network status: COMM (green LED), BF (red LED) CPU status: ERH (red LED)
PLC Interface	No. of CIO words allocated	PLC → Unit: 1 word control data Unit → PLC: 1 word status data
	No. of DM words allocated	Unit → PLC: 8 words of Unit setup information
	Amount of I/O data per Unit	Fixed: 2 words CIO area (one in, one out) for Unit status + control bits. 2 words status information from the host PLC, containing operation status and error code (read from location A400). This information will be sent to the PROFIBUS master: - as extended diagnostics, only at a change of data content. - optionally, attached to the I/O data, each PROFIBUS cycle. Variable: 2 user-defined areas for PROFIBUS I/O data, with the following restrictions: - Up to 100 words input in one PLC area (CIO, H, D, EM). - Up to 100 words output in one PLC area (CIO, H, D, EM). - Inputs+outputs must be 180 words or less

Cat. No. P01E--EN-01

In the interest of product improvement, specifications are subject to change without notice.

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