

SIMATIC NET OLM/P11

Product Data Sheet

6GK1503-2CA01

PROFIBUS optical link module

ELECTRICAL CHANNELS	OPTICAL CHANNELS	ELECTRICAL CONNECTOR	OPTICAL CONNECTOR
1 RS485	1	9-pin female D-sub	BFOC/2.5

Siemens 6GK1503-2CA01 is the OLM/P11 optical link module for SIMATIC NET PROFIBUS networks. It connects a documented electrical PROFIBUS segment to plastic or PCF optical transmission within compatible industrial communication layouts.

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VERIFIED TECHNICAL DATA

Electrical channels	1 RS485
Optical channels	1
Electrical connector	9-pin female D-sub
Optical connector	BFOC/2.5
Fiber types	Plastic and PCF
Optical wavelength	660 nm
Data-rate range	9.6 kbit/s to 12 Mbit/s
Rated supply range	18 to 32 V DC
Maximum supply current	200 mA
RS485 termination supply	5 V, +5% / -10%

ADDITIONAL PRODUCT DATA

Signal propagation delay	6.5 bit times
Bit error probability	Less than 10^{-9}
Operating temperature	0 to +60 deg C
Storage temperature	-40 to +70 deg C
Protection degree	IP40

DOCUMENTED USE SETTINGS

Industrial Production and Manufacturing Process Automation: Discrete Industrial Manufacturing.

Chemical Manufacturing and Industrial Process Production: Industrial Chemical Process Production.

Drinking Water Production and Wastewater Treatment: Drinking Water Process Treatment.

SYSTEM COMPATIBILITY

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PRODUCT EVIDENCE

Siemens SIMATIC NET OLM/P11 technical documentation

AMIKON PRODUCT SUPPORT

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