

CP5611 Card

PROFIBUS fieldbus 32-bit PCI communication card

Overview:

CP5611 communication card is optoelectronic isolated design for industrial applications. There is anti-lightning & anti-surge protection circuit and over-current protection on the RS485 port. The adoption of industrial chip applies to a wide temperature range. CP5611 card is used to achieve the PROFIBUS DP / MPI / PPI communication between PC or PG and the SIMATIC network.

Communication services:

PROFIBUS-DP master grade 1 and 2
PROFIBUS-DP slave and SOFTNET-DP slave
MPI/PPI communication
PG/OP communication
S7 communication with SOFTNET-S7
S5-compatible communication (SEND/RECEIVE based on the FDL interface) with SOFTNET-DP or SOFTNET-S7

CP5611 applies to the following software:

STEP7 V.5.2 and above
SOFTNET-S7
SOFTNET-DP
SOFTNET-DP slave
COM PROFIBUS V3.3 and above
STEP 7-Micro/WIN V3.1 and above
ProTool, ProTool/Pro
NCMP

Technical specifications:

Transmission rate: 9.6Kbps~12Mbps, corresponding maximum communication distance conforms to PROFIBUS standard
Interface: PROFIBUS/MPI/PPI, isolated 9-pin Sub-D socket
Isolation Voltage: 1000VDC
RS485 port with anti-lightning and anti-surge protector, repeatability surge capacity: $I_{pp} = 100A$ (10/700us, 4KV)
Standard: ITU-TK20/21, VDE 0433. $\pm 15KV$ ESD (ESD) protection

Over-current protection: RS485 interface can withstand up to 60V voltage caused by the sustained over-current

PG/PC connection: PCI2.1 standard slot

Standard voltage: +5 VDC

Power: 2.0W

Operating temperature: 0 ~ + 70 °C

Size (width × high) (mm): 102 × 130

Weight: 100g