



PPI/MPI/PROFIBUS Interface to Ethernet.



ENDP-S7-PPI & ENDP-S7-MPI



INTRODUCTION

ENDP-S7-PPI Ethernet communication of SIEMENS SIMATIC S7-200 PLC (contain two types :CN and imported) ;and according to the type of the X2 extended interface, it has two models: "Straight" and "Bridge".

ENDP-S7-MPI is used for the Ethernet communication of SIEMENS SIMATIC S7 PLC (contain S7-200、 S7-300、 S7-400) ; It has only one model: "Straight".

FEATURES & BENEFITS

- ✓ HAS POWERFUL COMMUNICATION FUNCTION
- ✓ ADDITIONAL SOFTWARE SUPPORT AND WIDE APPLICATION RANGE
- ✓ ALSO USED FOR ETHERNET COMMUNICATION OF SIEMENS SINUMERIK CNC SYSTEM
- ✓ ENDP-S7-PI SUPPORT TO COMMUNICATE WITH ALMOST ALL SCADA SOFTWARE
- ✓ CAN DIRECTLY MOUNTED ON COMMUNICATION PORT OF PLC

SPECIFICATIONS

<i>POWER SUPPLY:</i>	<i>24VDC \pm20%/100mA</i>
<i>OPERATING ENVIRONMENT:</i>	<i>0~60 ° , 90% Rh, Non-Condensing</i>
<i>INSTALLATION:</i>	<i>INSTALED DIRECTLY AT DB9 PORT OF PLC</i>
<i>DB9 PORT:</i>	<i>TIA/EIA RS-485 is compatible, ESD: \pm15KV, at most 32 notes</i>
<i>DB9 PROTOCOL:</i>	<i>MULTI MASTER PROTOCOL OF SIEMES S7 BUS, SUPPORTS PPI, MPI, PROFIBUS</i>
<i>BAUD RATE:</i>	<i>BPS: 9600、 19200、 45450、 93750、 187500、 500K、 1.5M</i>
<i>RJ45 Ethernet:</i>	<i>IEEE 802.3 is compatible,10/100M BT-1500Vrms with Link/Active indicator light, supports Auto-MDIX</i>
<i>ETHERNET PROTOCOL:</i>	<i>S7TCP, ModbusTCP, 24 connections of TCP/IP</i>
<i>RoHS PRODUCTION:</i>	<i>YES</i>

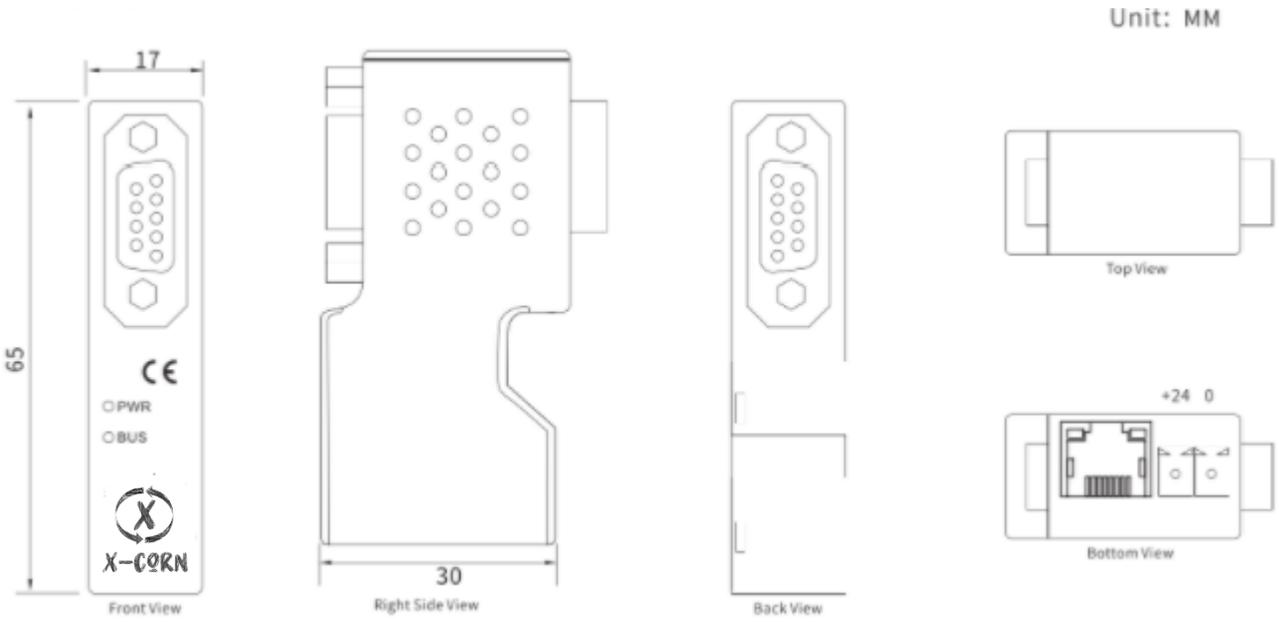
SPECIFICATIONS

ANTI-KNOCK:	4.5mm/30Hz/10Min
ESD:	6KV
AGING BEFORE FACTORY:	Running at 60 degrees of aging box 168 hours, the number of times having electricity or not is 500000000
COMMUNICATION STABILITY:	Communicating with the PLC constantly for a month , there is no error in The 130 million times of communication
Weight:	60G.
INTERFACE DRIVER FILES	NeT-S7PD
TESTING SOFTWARE	NetDevice

TECHNICAL ADVANTAGES

- ✓ The perfect driver of "PG/PC" interface can be used for STEP7, Micro Win's programming and debugging.
- ✓ Supporting the program maintenance of equipment through the Internet.
- ✓ The electricity can be get from the communication port of PLC , without a power cut for the equipment, and it is plug-and-play.
- ✓ ENDP-S7-PI module can be used for multi master token S7 communication of Siemens.
- ✓ the multi-master device of Siemens can access the "straight" , such as CP5611 or Siemens's touch screen etc.
- ✓ Non Siemens's touch screen can access to the extension communication port of "The bridge", it does not affect the original communication system, and increases a interface of Ethernet communication.
- ✓ Support one key Reset.
- ✓ Integrated with Modbus-TCP server, Modbus data area can be automatically or edited to map to register S7-200/300/400
- ✓ Installed on the PPI/MPI/PROFIBUS communication port of PLC, generally without external power supply.
- ✓ MPI to S7 Ethernet/Modbus-TCP converter

DIMENSIONS



APPLICATIONS

STEP7/MicroWIN/TIA Portal/WinCC
 MCGS/Forcecontrol/Fanview/LABVIEW
 KepWare OPC/BCNetS7 OPC

Touch Panel with Ethernet Port
 SMARTLINE/KTP/TP



XEXAGON



SHED NO. 71, SAHJANAND BUSINESS PARK, OPP. PALM HOTEL,
 S.P. RING ROAD, ODHAV, AHMEDABAD-382430

+91 8866773323 | Sales@xexagon.co.in | www.xexagon.co.in