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PCM-3202I

RoHS

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2-port AMONet RS-485 PCI-104 Master Card



Datasheet (PDF)

Manual/ Driver/ BIOS/ FAQ

Main Features

- Max 20 Mbps transfer rate
- Supports 2 independent AMONet RS-485 rings
- Supports up to 128 AMONet RS-485 slave modules
- Easy installation with BoxHeader and LED diagnostics
- Max 100 m (20 Mbps/32 slave modules) communication distance

Introduction

PCM-3202I is a PCI-104 interface card which supports two AMONet RS-485 master rings, and transfers data between host and slaves directly without any operations in between. Each ring can control up to 2048 I/O points, 256 axes, or a combination of I/O points and axes for motion control. The ring can support up to 20 Mbps transfer rate and a maximum communication distance of up to 100 meters.

The communication between master and slave is based on a customized RS-485 solution that saves wires, covers a long distance, supports high-speed communication and has time-deterministic features. The communication interface between master and host PC is accomplished by memory mapping. Various functions can be chosen on the slave modules, and standard industrial DIN-rail mounting design makes it easy to distribute them in the field. The master collects information from slave modules and publishes the information to its host PC.

Ordering Information

Part Number	Description
PCM-3202I-AE	RoHS 2-port PCI-104 AMONet RS-485 Master Card

Accessory

Part Number	Description
AMAX-2210-AE	1-Axis AMONet RS-485 Slave Module
AMAX-2211/PMA-AE	1-Axis Motion Slave for Panasonic Minas A
AMAX-2212/J2S-AE	1-Axis Motion Slave for Mitsubishi MR-J2S
AMAX-2213/YS2-AE	1-Axis Motion Slave for Yaskawa Singma-II
AMAX-2241/PMA-AE	4-Axis Motion Slave for Panasonic Minas-A
AMAX-2242/J2S-AE	4-Axis Motion Slave for Mitsubishi MR-J2S
AMAX-2243/YS2-AE	4-Axis Motion Slave for Yaskawa Sigma 2
AMAX-2752SY-AE	32-channel Isolated Digital Input Module
AMAX-2754SY-AE	32-channel Isolated Digital Output Module
AMAX-2756SY-AE	32-channel Isolated Digital I/O Module
PCL-10150M-2E	Cable 50-Pin SCSI, Ribbon type,2M
PCL-10220M-2E	SCSI-20 Ribbon-Type Cable with 2 connectors ,2m

Contact Information

Office	Phone	Email
Advantech U.S.A., Industrial Automation Group	+30-210-96 35 100 click to chat	EAInfo@advantech.com
Advantech Headquarters, Industrial Automation Group		IA@advantech.com.tw
Advantech Europe Customer Care Center, Industrial Automation Group	00-800-2426-8081 click to chat	EAcustomercare@advantech.eu

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