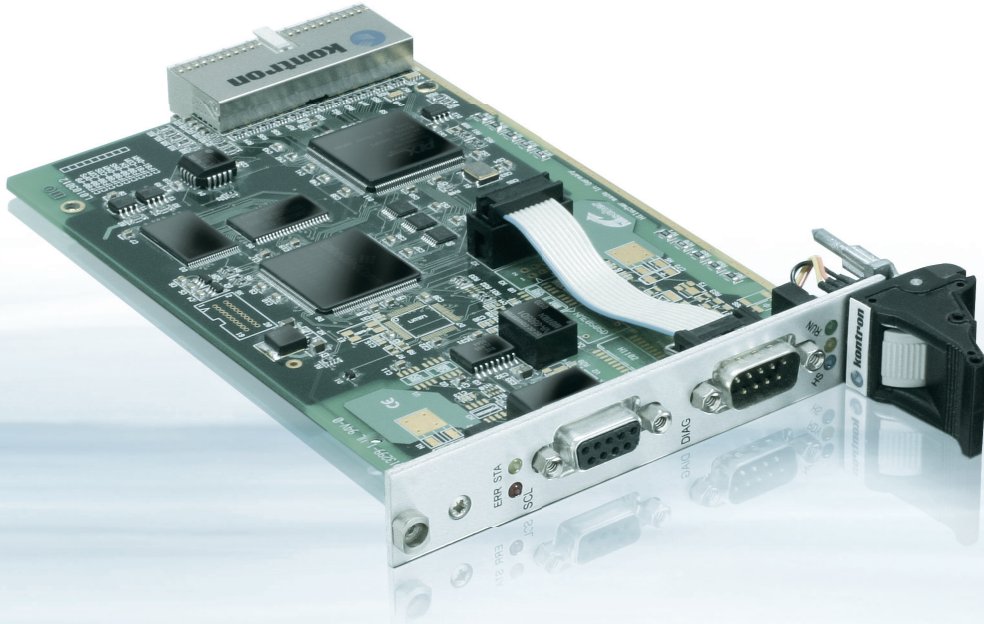


CP353



ADVANCED PROFIBUS CONTROLLER FOR FIELDBUS APPLICATIONS

- ▶ PROFIBUS DP V1 master (class 1 and 2)
- ▶ highly integrated EC-1 ASIC with Siemens ASPC2 profibus technology
- ▶ diagnosis interface RS232
- ▶ from the leading manufacturer of fieldbus modules:
Hilscher Gesellschaft für Systemautomation GmbH

POSSIBILITIES START HERE



CP353

ADVANCED PROFIBUS CONTROLLER FOR FIELDBUS APPLICATIONS

Built for use in rugged industrial environments, the CP353 fully complies to the EN50170 standard. It features the versatile communications System on Chip EC-1, combining a powerful microprocessor with on-chip memory and all the required communication peripherals.

The comprehensive feature set of the integrated System on Chip, EC-1, comprises a powerful Turbo 186 CPU and a Siemens ASPC-2 controller providing a high-speed Profibus interface for DP V1 mas-

ter (class 1 and 2) and slave applications. All standard baud rates up to 12 MB are supported, whereby the onboard computing power fully releases the host CPU of handling the protocol stack. This intelligent concept ensures high system performance and data throughput. The Application Programming Interface (API) is based on an easy to use dual ported memory interface ensuring the same programming for all supported operating systems. Configuration of a Profibus network is an easy task using the system configurator: SyCon-PB®.

► TECHNICAL INFORMATION

COMPACTPCI® INTERFACE		PICMG 2.0 Rev. 3.0 compliant 32 bit/33 MHz 3.3/5.0 V compatible
CHARACTERISTICS		High performance communication System on Chip (SoC), EC-1, integrating Siemens ASPC-2 technology Profibus DP V1 master (class 1 and 2) Optoisolation between the controller and the fieldbus interface 9,6 kBaud to 12 Mbaud transfer rate
SOFTWARE SUPPORT		Microsoft Windows® 2000, Windows® XP Linux® VxWorks® OPC Server Profibus system configurator: SyCon-PB®
COMMON	FRONT PANEL POWER CONSUMPTION DIMENSIONS TEMPERATURE RANGES OPERATING HUMIDITY WEIGHT	Standard 9-pin D-Sub Profibus connector compliant with EN50170 9-pin D-Sub RS232 diagnosis interface 0.5 W (typ.) 5 V DC 1.65 W (typ.) 3.3 V DC 100 x 160 mm (3U card size) 0°C to +60°C (standard) -25°C to +70°C (storage) 0% to 95 % (non-condensing) 130 g

► ORDERING INFORMATION

ARTICLE	PART NO.	DESCRIPTION
CP353	24083	CompactPCI® Profibus DV V1 master (class 1/2) module, with docu and drivers
SYCON-PB	24128	System configurator software for Profibus networks or Windows 95/NT/2000/XP
LIN-DRV-CP353	30130	Linux Driver CP353 for x86
VXW-DRV-CP353	26154	VxWorks Driver CP353

► CORPORATE OFFICES

EUROPE, MIDDLE EAST & AFRICA

Lise-Meitner-Str. 3-5
86156 Augsburg
Germany
Tel.: + 49 821 4086 0
Fax: + 49 821 4086 111
info@kontron.com

NORTH AMERICA

14118 Stowe Drive
Poway, CA 92064-7147
USA
Tel.: + 1 888 294 4558
Fax: + 1 858 677 0898
info@us.kontron.com

ASIA PACIFIC

1-2F, 10 Building, No. 8 Liangshuihe 2nd Street,
Economical & Technological Development Zone,
Beijing, 100176, P.R.China
Tel.: +86 10 63751188
Fax: +86 10 83682438
info@kontron.cn