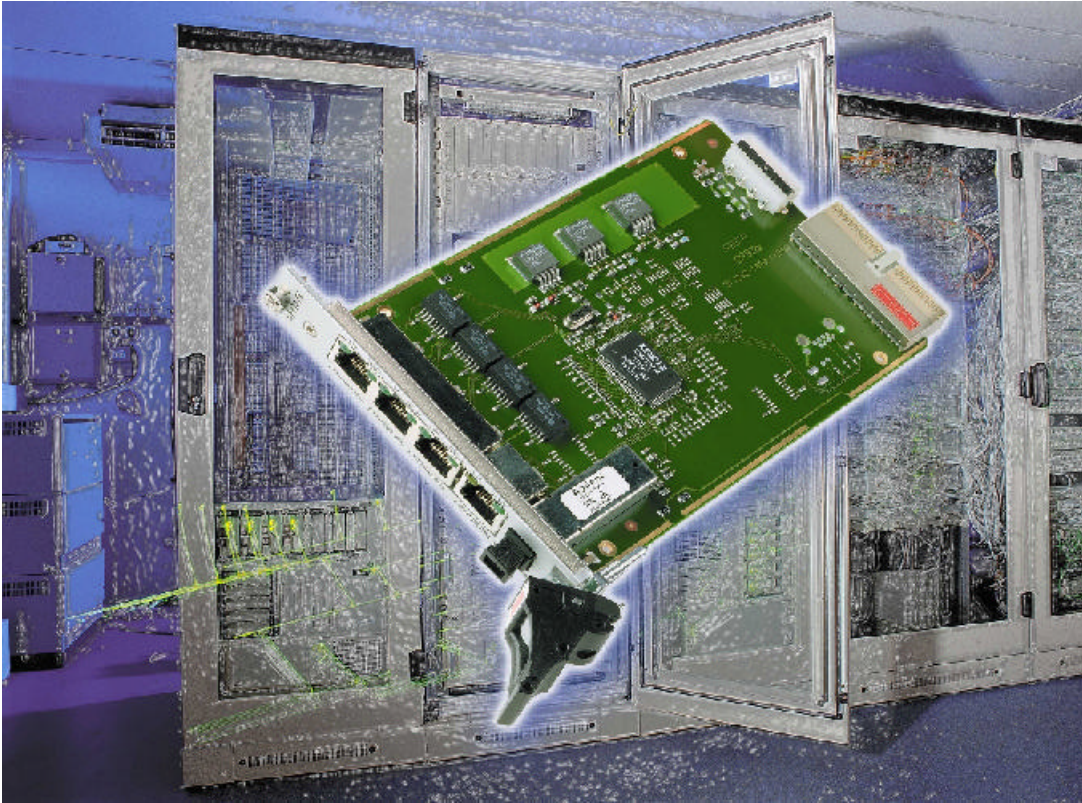# CP930
3U Fast Ethernet Switch
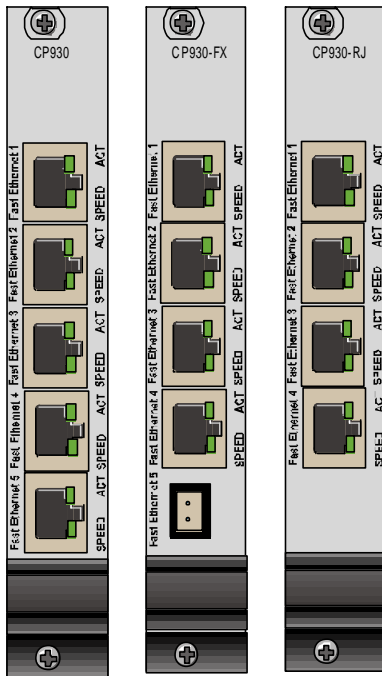

Fast

Versatile

Robust

➤ Five **Fast** Ethernet Ports with a data throughput of 1400 Mbps

➤ **Versatile** design for use in CompactPCI, VME, standard PC or customer specific solutions.

➤ **Robust** and suited for harsh environments

kontron
... always a Jump ahead!

Product Overview

Designed for operation in industrial automation applications, the CP930 is a rugged 5 port fast ethernet switch that can be used also in an extended temperature range of -40 to +85°C.

CP930 supports 10Mbit/s and 100Mbit/s Fast Ethernet with RJ45 connectors; each of the five ports with two status LED's.
CP930-FX offers four RJ45 connectors and one fiber optical port with a 1300 nm MT-RJ connector.
CP930-RJ supplies four RJ45 connectors on the front and one internal RJ45 connector.

General

Number of ports:	5x TX or 4xTX and 1xFX
Transfer rate:	10 and 100 Mbit/s with auto-negotiation
Uplink:	MDI/MDIX on all ports (auto-crossover)
Power:	5 Volt nominal (4.7 to 7 Volt DC)
	maximum 2.2 Watt (3.9 Watt for the FX variant)

Controller

Controller:	Unmanaged
SRAM on chip:	128 kByte for frame buffering
MAC addresses:	integrated look-up engine with 2K MAC adresses

CP930-FX

Optical connector:	MT-RJ, multimode, 1300 nm
Distance:	2000 m

Common

Front Panel Connector.:	RJ45 for copper and MT-RJ 1300nm for fiber
Front Panel LED's:	Activity and Speed
Power connectors:	4 pin Molex (like on HDD's, 5 Volt DC only)
	J1 of CompactPCI (5 Volt DC only)
Dimensions:	100 mm x 160 mm (3U / 4HP)
	CP930-FD: standard 3.5 inch
Temperature Ranges:	0 °C to + 70 °C (standard)
	−40 °C to +85 °C (extended)
Operation Humidity Range:	0..90% (non-condensing)
Weight:	155 g
MTBF:	148,000 h

Product	Description	Order No.
CP930	5 port Fast Ethernet switch with 5x RJ45 to the front	26304
CP930-E2	5 port Fast Ethernet switch with 5x RJ45 to the front, −40 °C / +85 °C temperature range	26307
CP930-FX	5 port Fast Ethernet switch with 4x RJ45 and 1x MT-RJ (1300 nm) to the front.	26305
CP930-RJ	5 port Fast Ethernet switch with 4x RJ45 to the front and 1x RJ45 onboard	26057

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