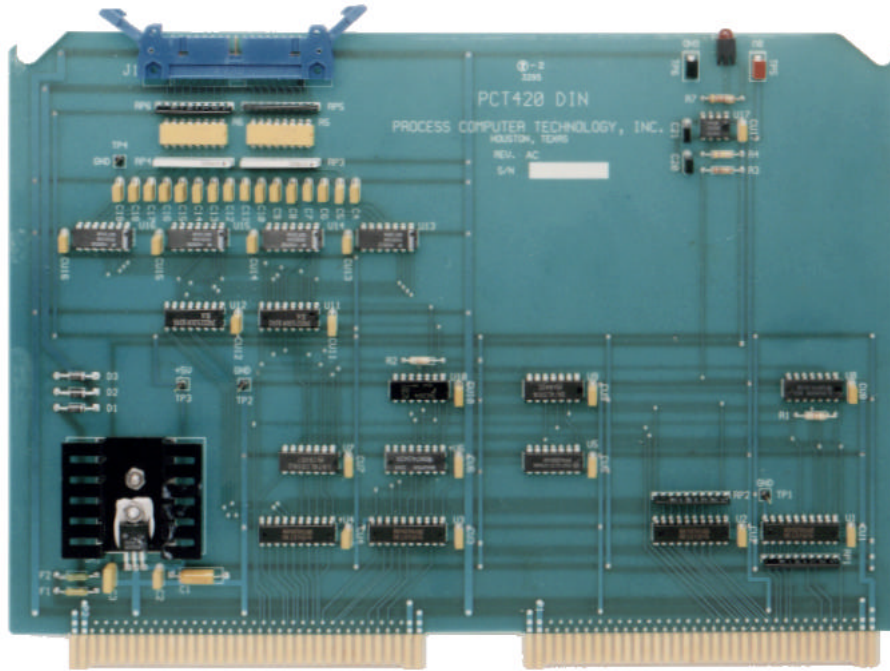
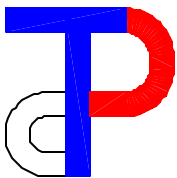


# 16 CHANNEL DISCRETE IN ENHANCED DISCRETE INPUT FOR THE D/3 DCS® PCT PART NUMBER: PCT420



- **NEW BOARD MANUFACTURED BY PCT**
- **COMPATIBLE WITH EXISTING HARDWARE**
- **COST EFFECTIVE ALTERNATIVE**
- **REPLACES OEM PART NUMBER A16420**
- **FRONT ACCESSIBLE BACKPLANE VOLTAGE TEST POINTS**
- **ONE YEAR FACTORY WARRANTY**

Note: D/3 DCS® is a trademark of Nova Tech Process Solutions, LLC (NPS). PCT is not affiliated with NPS in any manner. Any D/3® parts repaired, refurbished, upgraded, or manufactured by PCT are warranted solely by PCT. All Part numbers with prefix PCT are manufactured by PCT.



## **PROCESS COMPUTER TECHNOLOGY, INC.**

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Houston, TX 77007

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*visit our web site at [www.pct-inc.com](http://www.pct-inc.com)*

# **PROCESS COMPUTER TECHNOLOGY**

## **D/3 DCS<sup>®</sup> MAINTENANCE, UPGRADE, MIGRATION**

Process Computer Technology, Inc. (PCT) was founded in 1992, specializing in hardware services and support Nova Tech Process Solutions, LLC D/3<sup>®</sup> Distributed Control System. While servicing the D/3<sup>®</sup>, PCT found a need for enhanced upgrade components and products to enable cost effective migration if a customer is considering a different Control System.

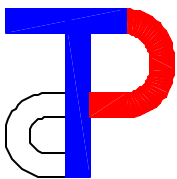
PCT's support capabilities include total system on site maintenance, 24 hour telephone support, emergency parts exchange, new and refurbished add-on hardware and a proven track record of fast reliable depot repair services with a less than 1% failure rate. In addition to a large stock of refurbished original NPS D/3<sup>®</sup> parts, PCT has designed it's own version of D/3<sup>®</sup> compatible products that solve problems found in the original parts. Enhanced Keyboards eliminate the rubber overlay, are completely compatible with the original and have a one-year warranty. Enhanced Power Supplies have front panel voltage test points and adjustments, greater load capacity, are UL Recognized and have a one-year warranty.

The D/3 DCS<sup>®</sup> 16000 I/O has been a flexible and reliable I/O system for many years. PCT has enhanced products that make this I/O both more reliable and more flexible. For example PCT manufactures enhanced Analog Input modules with solid state relays. Solid-state relays have a longer life expectancy and when they do fail they tend to fail open, affecting only one point. And original AI modules can be retrofitted with SS relays. Another example is 16 channel Analog output modules that are a direct replacement for the original 8 channel modules and are fully supported in the D/3<sup>®</sup> software.

PCT has developed two communication products for migrating both Quantum I/O and 16000 I/O to any Control System that supports Profibus. Profibus enabled Control systems include systems manufactured by Emerson (Fisher-Rosemount), Honeywell, Siemens, ABB, Foxboro, Rockwell and others. And there is no need to be concerned about the 16000 I/O. PCT provides complete support without the original manufacturer.

The GATEWAY 16000 is a solution for the migration of 16000 Series I/O and/or Modicon Quantum I/O to any Control System that supports Profibus. If you only have Modicon Quantum and/or Series 800 I/O the PROFILINK.908 is an even more cost effective way to migrate to a new Control System.

D/3 DCS<sup>®</sup> is a trademark of Nova Tech Process Solutions, LLC; PCT is not affiliated with NPS in any manner. PCT products are all warranted solely by PCT. For more information call PCT or visit our web site at <http://www.pct-inc.com>.



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