

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

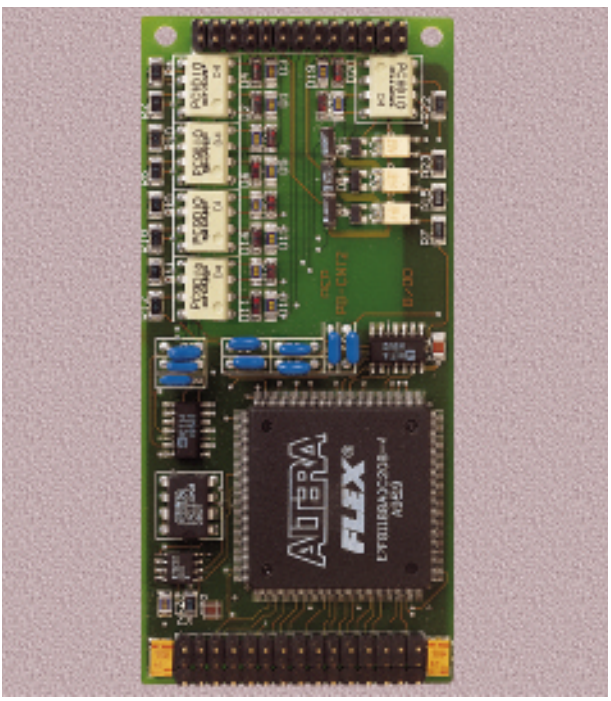
All trademarks, brand names, and brands appearing herein are the property of their respective owners.

Visit our website - *Click HERE*

MODPACK ANALOG & DIGITAL I/O

PB-CNT2

MODPACK with 3 Independent Optoisolated 24-Bit Counters



Characteristics

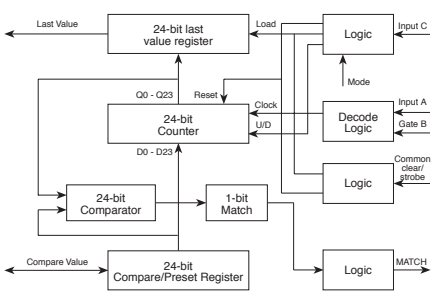
Function:	3 independent optoisolated 24-bit counters
Input Voltage:	5V DC, 12V/15V DC or 24V DC
Switching Level:	1.55V, 6.7V or 15.1V respectively
Input Current:	15mA typically
Input Frequency:	Up to 300kHz (default filter setting)
Slew Rate:	>10 mV/s
Counter Mode:	Software selectable

Output

Function:	1 digital 24V DC/200mA output per counter for comparator match with inductive load protection
Output Frequency:	Up to 10kHz

Common

Isolation:	1500V DC between I/O and system; 100V DC between inputs
Interrupt Character.:	Level or edge sensitive
Counter Resolution:	24-bit
Max. Counter Freq.:	2 MHz if used without filtering
Power Cons.:	85mA/5V (min.), 150mA/5V (max.)
Temp. Ranges:	0ºC to +70ºC -40ºC to +85ºC (opt. E2) -55ºC to +85ºC (storage)
Humidity:	5% to 95% non-condensing



An optoisolated general-purpose three-channel, 24-bit counter module possessing 4 operational modes, software configurable functionality, inductive load and reverse polarity protection. Four counter modes (1 normal up/down counter and 3 for incremental encoders with X1, X2 or X4 quadrature modes) are supported that allow the counter to be read transparently with continuous comparisons being made between the actual value and a preset reference or between a connected encoder and reference. Interrupts can be generated and serviced depending on a variety of input/output conditions and may be programmed to be edge or level sensitive.

Product	Description	Order No.
PB-CNT2	ModPack with 3 independent 24-bit counters each with 3 optoisolated 24V DC filtered inputs and one 24V DC optoisolated 24V DC comparator MATCH output	**13621**
PB-CNT2	As order no. 13621 but with 12V/15V DC filtered inputs	**13636**
PB-CNT2	As order no. 13621 but with 5V DC filtered inputs	**13637**

CERTIFIED DIN ISO 9001 QUALITY SYSTEM
Reg. No. 0548 - 02

Modular Computers®

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

(217) 352-9330 | sales@artisantg.com | artisantg.com

ARTISAN® TECHNOLOGY GROUP