

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

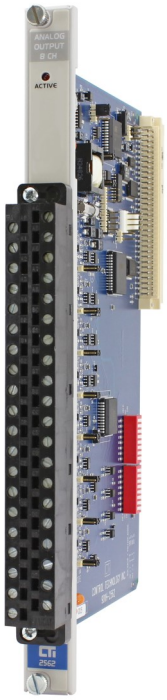
All trademarks, brand names, and brands appearing herein are the property of their respective owners.

Visit our website - *Click HERE*

2500 Series® Process Control System
Product Bulletin

2562 8-Channel Analog Output Module

Classic



Description

The 2562 is a low-cost, high-speed, 8-channel analog output module designed to be compatible with the SIMATIC® 505 programmable controller I/O base. The 2562 translates digital words from the controller into equivalent analog outputs. The 2562 is fully compatible with all versions of the 545 and 555 PLCs.

Features

- SIMATIC® 505 base format
- Replaces Siemens® 505-6208 with no rewiring
- 8 analog output channels
- 1500V channel-to-PLC backplane isolation
- Fast 4 mSec update time for all channels
- 12 bits of resolution
- Voltage and current outputs available simultaneously
- Bipolar or Unipolar outputs per channel
- Single-wide module

Specifications

Output channels: 8 analog output channels

Response Time:
4 mSec total module (includes settling time)

Output Range:
Unipolar: 0 to +5.12 VDC
0 to +10.24 VDC,
0 to +20 mA
Bipolar: - 5.12 to +5.12 VDC
-10.24 to +10.24 VDC
-20 to +20 mA

Resolution 12 Bits:
Unipolar 12 bits:
0 - 20 mA range = 5µA/step
0 - 5 VDC range = 1.25mV/step
0 - 10 VDC range = 2.5mV/step
Bipolar 11 bits plus sign:
-5 to +5 VDC range = 2.5mV/step
-10 to +10 VDC range = 5.0mV/step
-20 to +20 mA range = 10µA/step

Isolation: 1500 VDC channel-to-PLC

Capacitance Drive: 0.01 microfarad

Load Resistance:
Voltage: 1KΩ minimum, no maximum
Current:: 0Ω to 1KΩ max. @ 24 VDC or greater

Accuracy:
Voltage mode: 0.125% of full scale from 0° to 60°C over total load range
Current mode: 0.225% of full scale from 0° to 60°C over total load range

User Supply:
20 to 30 VDC @ 0.50 Amps max. (maximum ripple of 0.4 V)
NOTE: Maximum load resistance for current output drops to 600Ω @ 20 VDC user supply

Connector: Removable

Wire Gauge: 14-22 AWG

Backplane Power: 1.7 Watts

Module Size: Single-wide

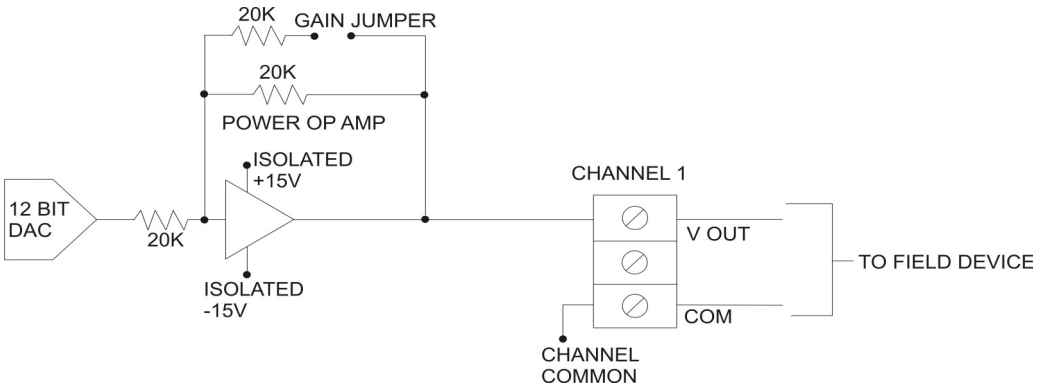
Shipping Weight: 1.5 lb (0.68 Kg)

Additional Product Information:

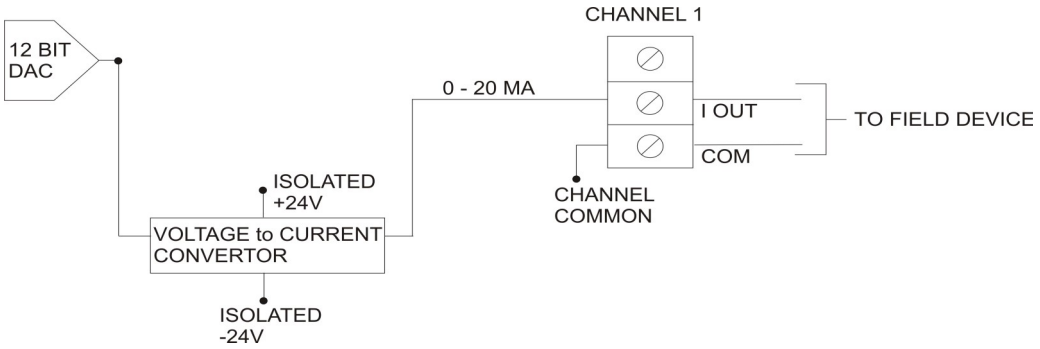
On CTI's Website you find will links to the 2500 Series Std Environmental Specifications and the UL Agency Certificates of Compliance .

Control Technology Inc.
5734 Middlebrook Pike, Knoxville, TN 37921-5962
Phone: +1.865.584.0440 Fax: +1.865.584.5720
www.controltechnology.com

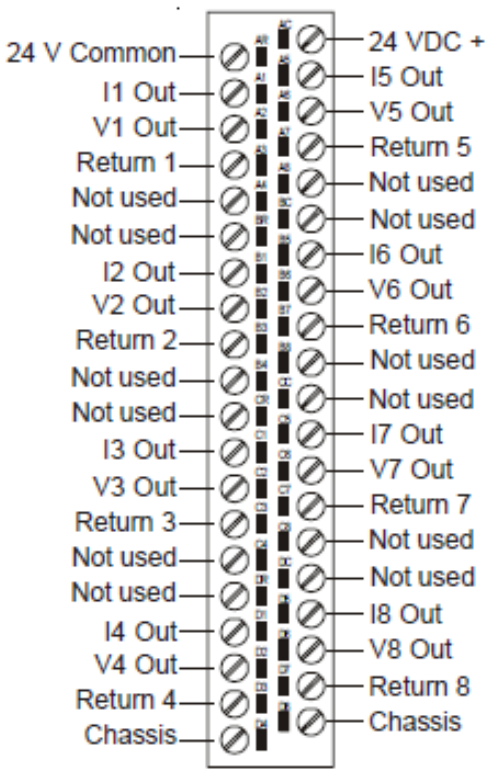
ROCK SOLID PERFORMANCE. TIMELESS COMPATIBILITY.



Typical Internal Circuit— Voltage Mode



Typical Internal Circuit— Current Mode



2562 Wiring Connector

Copyright© 2019 Control Technology Inc. All Rights Reserved

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