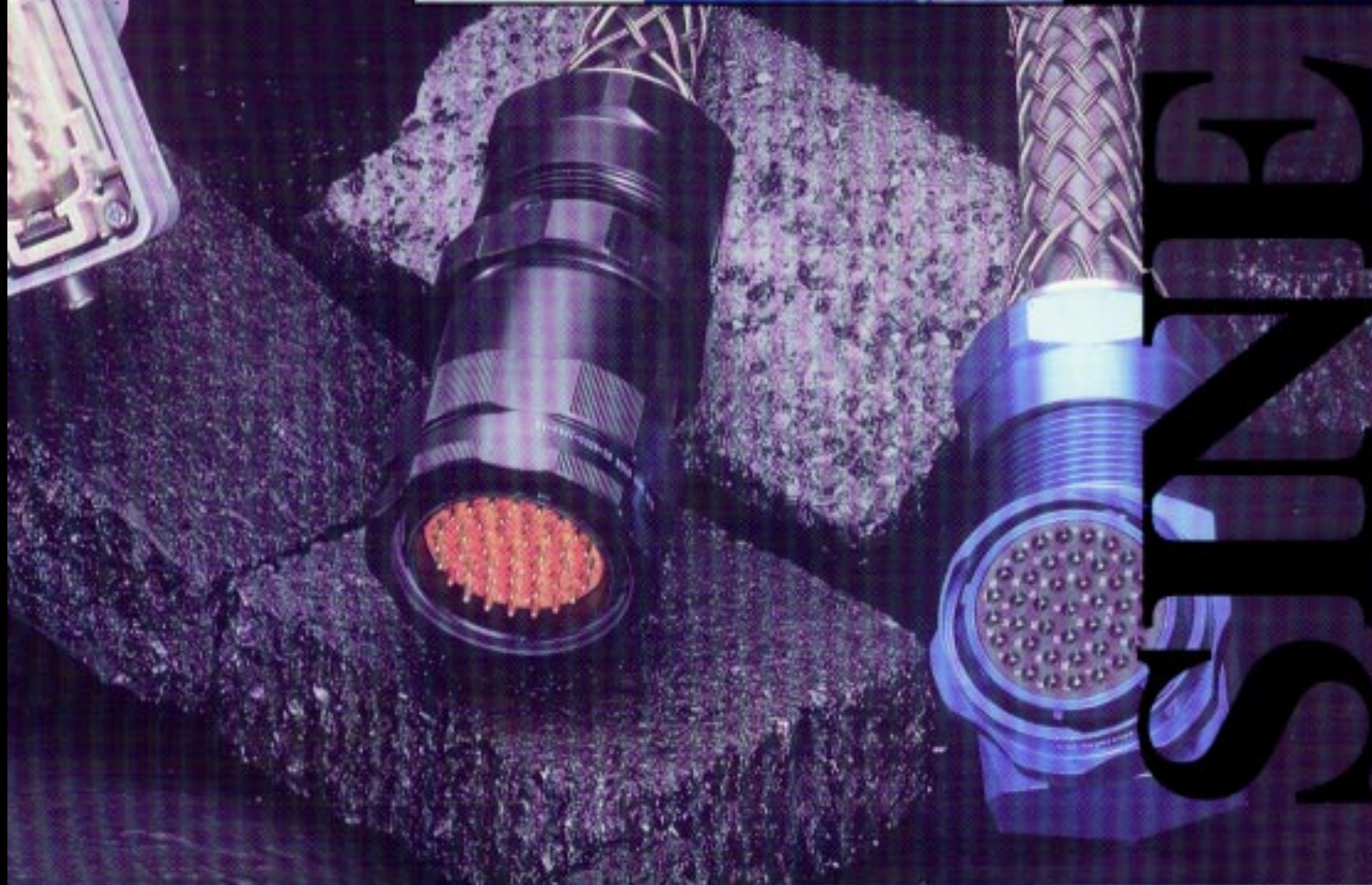


Amphenol

SINE Systems * Pyle Connectors Corporation

Programmable Ports



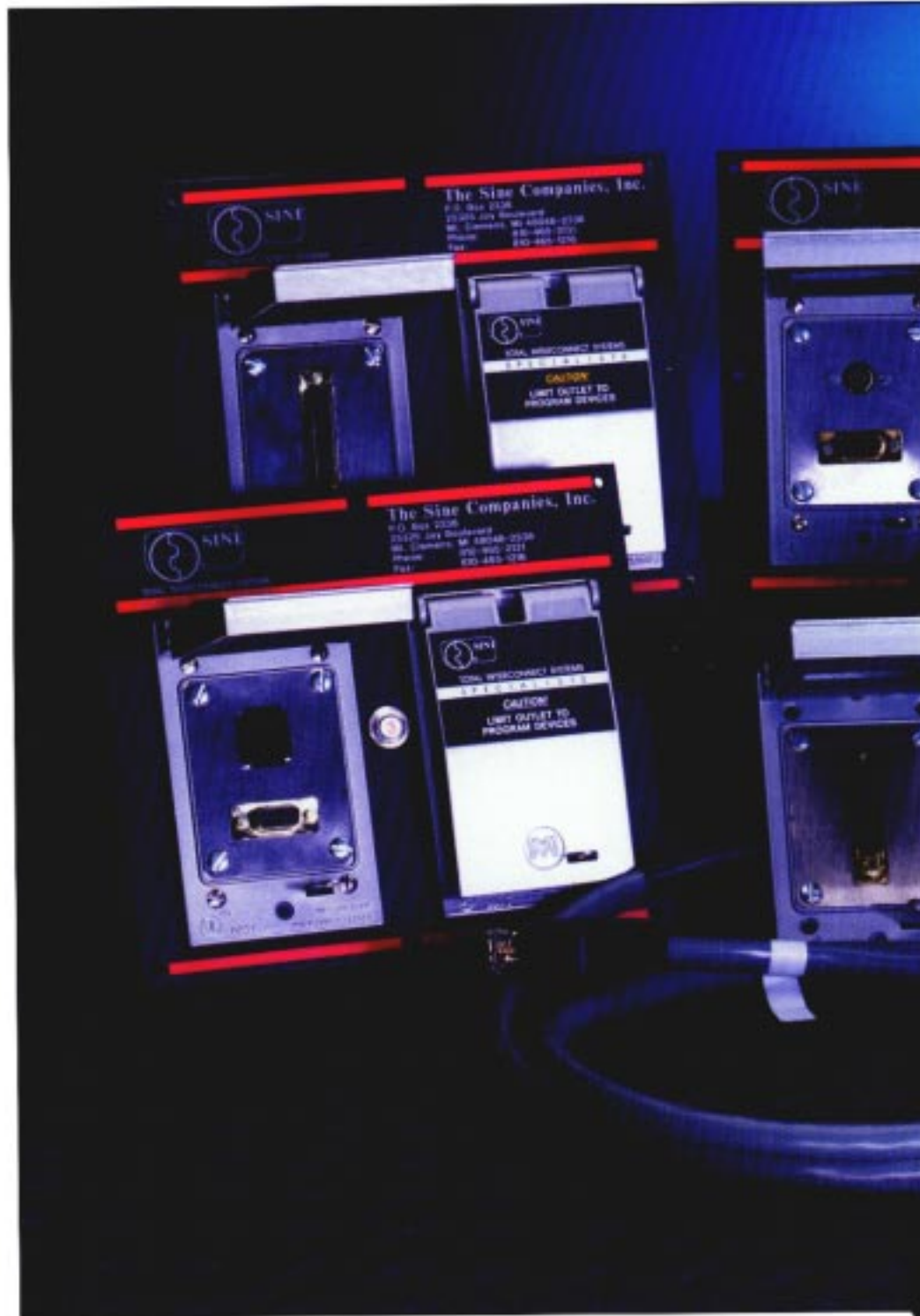
Features / Benefits

The Sine Companies, Inc. ProPort™ Data Access Panels are the latest in data connection hardware that are designed to eliminate the opening of industrial control panels while connecting a P.C. to a "PLC" and industrial data network systems.

Each convenient port is engineered to provide instant access to power and data connections while withstanding the harsh factory floor environment. ProPort Data Access Panels are available in a variety of standard off the shelf models as well as custom manufactured versions.

FEATURES

- A variety of models are available to accommodate the requirements of most popular "PLCs"
- Lockable covers provide information security by preventing unauthorized access to processor memory
- Process hardware protected from factory floor environments
- Most models provide receptacle for power connections of support equipment
- Compact size requires only up to 49 square inches of panel real estate
- Heavy construction withstands harsh factory floor environment
- Most power connections provide circuit breaker protection
- Standard models available from stock





Contents

Features and Benefits	1
PRSB, PRSC, PRTC	3
P20085, P20086, P20087	4
P21115, P22725, P22055	5
P23967	6
P23457	7
P22939	8
P22482	9
Customs and Options	10

* Sine has made every effort to ensure that the information contained in this catalog is accurate at the time of publication. Specifications or information stated in this publication are subject to change without notice.

Data Access Panels

The PRSB, PRSC, and PRTC ProPort™ Data Access Panels allow access to any 9, 15, or 25 position D-Subminiature port from outside an enclosure.

These 9, 15, and 25 position ProPort Data Access Panels are suitable for mounting on any flat surface of the enclosure, including through the door, and require only 12 square inches of panel space. All conductors are passed through point to point and tested. Each unit comes standard with a 5, 10, or 20 foot cable and mounting gasket.

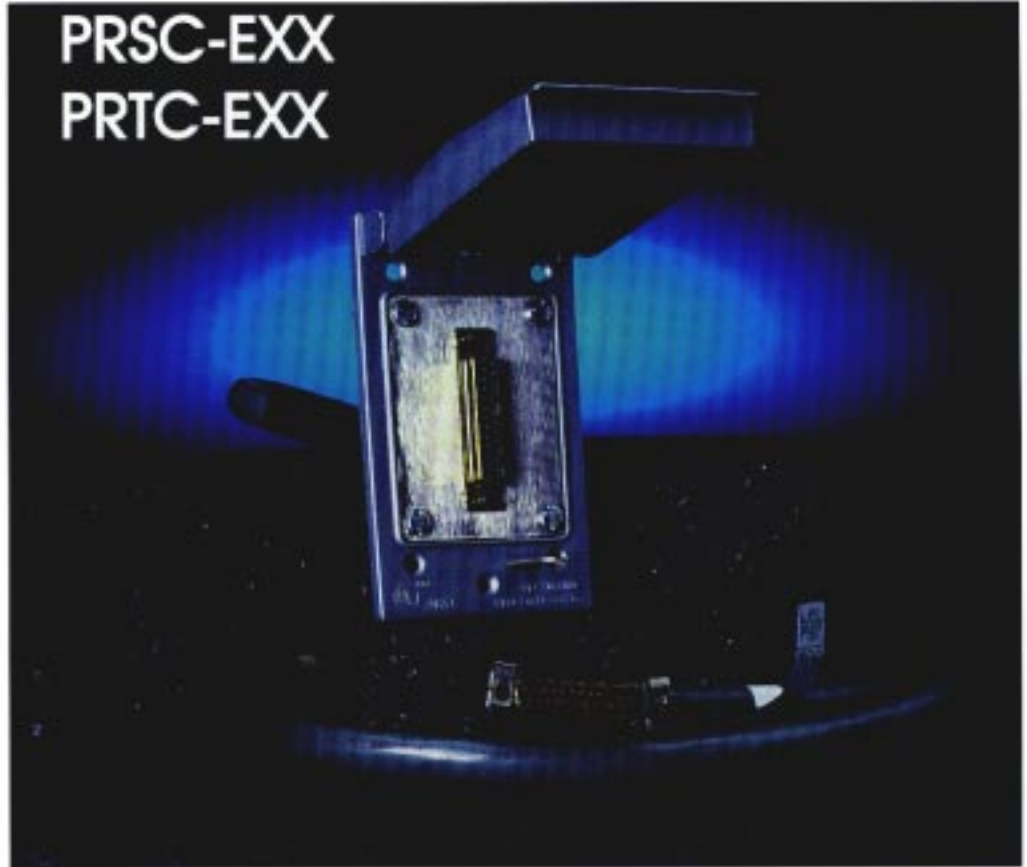
FEATURES

- Attaches to PLC Program Port
- Lockable cover prevents unauthorized access to processor memory
- Process hardware protected from factory environment
- Post Kit standard on "A" end and Slide Latch standard on "B" end
- All versions available in stock, in 5, 10, or 20 foot cable lengths. The "-EXX" of the part number describes the length of the assembly
- Optional mounting hardware available - consult factory

PRSB-EXX

PRSC-EXX

PRTC-EXX

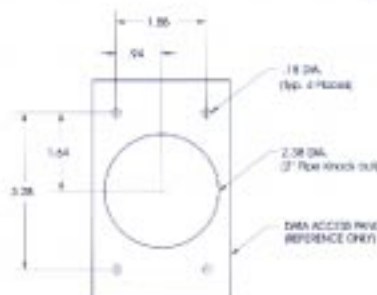


Overall Dimensions



PART NUMBER	"A" END	"B" END
PRSB-EXX	9 SOCKET D-SUBMINIATURE	9 PIN D-SUBMINIATURE
PRSC-EXX	15 SOCKET D-SUBMINIATURE	15 PIN D-SUBMINIATURE
PRTC-EXX	25 SOCKET D-SUBMINIATURE	25 PIN D-SUBMINIATURE

Mounting Dimensions



P20085-EXX

P20086-EXX

P20087-EXX



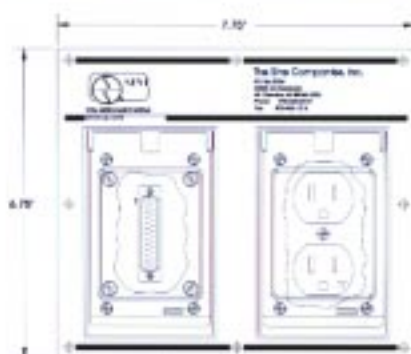
The P20085, P20086, P20087 ProPort™ Data Access Panels with outlet allow access to any 9, 15, or 25 position D-Subminiature port from outside an enclosure.

These 9, 15, and 25 position ProPort Data Access Panels with outlet are suitable for mounting on any flat surface of the enclosure, including through the door, and require only 49 square inches of panel space. All conductors are passed through point to point and tested. Power for the duplex receptacle must be supplied from an appropriate isolated power source. This receptacle should only be used to power device support equipment. Each unit comes standard with a 5, 10, or 20 foot cable and mounting gasket.

FEATURES

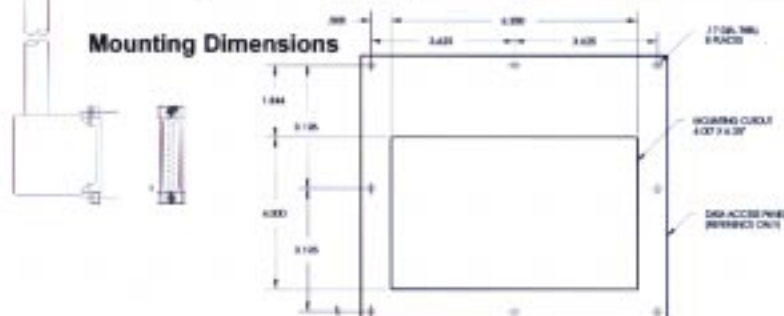
- Attaches to PLC Program Port
- Lockable cover prevents unauthorized access to processor memory
- Process hardware protected from factory environment
- Convenient receptacle for support equipment
- Available with 9, 15 or 25 position D-Subminiature Connector
- All versions available in stock, in 5, 10, or 20 foot cable lengths. The "-EXX" of the part number describes the length of the assembly
- Post Kit standard on "A" end and Slide Latch standard on "B" end

Overall Dimensions



PART NUMBER	"A" END	"B" END
P20085-EXX	9 SOCKET D-SUBMINIATURE	9 PIN D-SUBMINIATURE
P20086-EXX	15 SOCKET D-SUBMINIATURE	15 PIN D-SUBMINIATURE
P20087-EXX	25 SOCKET D-SUBMINIATURE	25 PIN D-SUBMINIATURE

Mounting Dimensions



Data Access Panels

The P21115, P22725, P22055 ProPort™ Data Access Panels with outlet allow access to any 9, 15, or 25 position D-Subminiature port from outside an enclosure.

These 9, 15, and 25 position ProPort Data Access Panels with outlet are suitable for mounting on any flat surface of the enclosure, including through the door, and require only 49 square inches of panel space. All conductors are passed through point to point to a terminal block and tested. Power for the duplex receptacle must be supplied from an appropriate isolated power source. This receptacle should only be used to power device support equipment. Each unit comes standard with a mounting gasket.

FEATURES

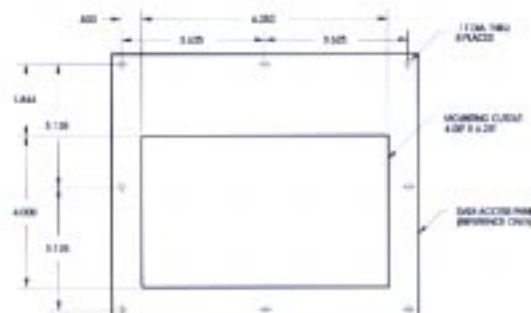
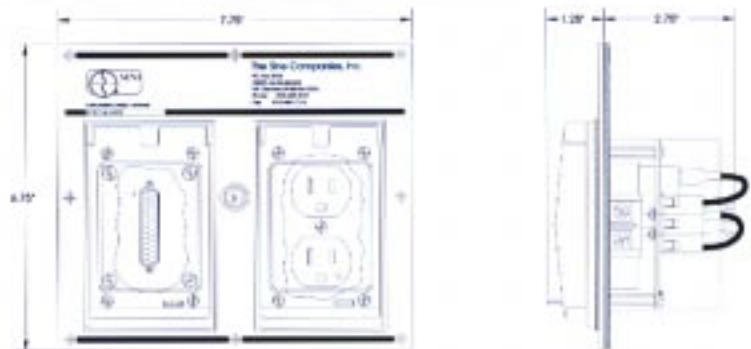
- Attaches to PLC Program Port
- Lockable cover prevents unauthorized access to processor memory
- Process hardware protected from factory environment
- Protective cover over rear mounted terminal blocks
- Convenient receptacle for support equipment
- Circuit breaker protection on duplex receptacle
- Terminal block provided for field cable installation
- Available with 9, 15, or 25 socket D-Subminiature connectors
- Female screw-lock on D-Subminiature connector
- For applications requiring post kit hardware - consult factory

NOTE: P21115 may be used for Data Highway Plus Applications using female screw locks.

P21115
P22725
P22055



Overall Dimensions



Mounting Dimensions

PART NUMBER	
P21115(*)	9 SOCKET D-SUBMINIATURE
P22725(*)	15 SOCKET D-SUBMINIATURE
P22055(*)	25 SOCKET D-SUBMINIATURE

P23967

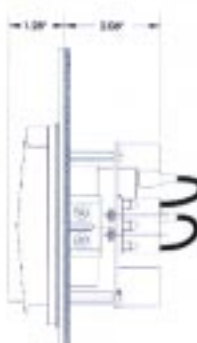
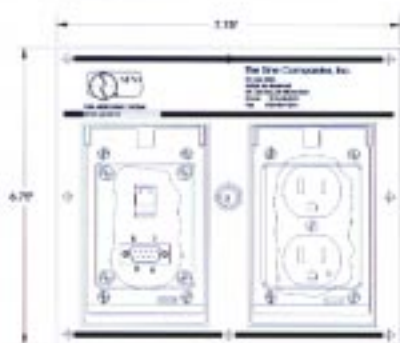


The P23967 ProPort™ Data Access Panel comes complete with a 9 position socket D-Subminiature, an 8 position modular connector, and an outlet that can be accessed from outside the enclosure.

This ProPort Data Access Panel with outlet is suitable for mounting on any flat surface of the enclosure, including through the door, and requires only 49 inches of panel space. The appropriate conductors are wired point to point to a terminal block and tested. Power for the duplex receptacle must be supplied from an appropriate isolated power source. This receptacle should only be used to power device support equipment. Each unit comes standard with a mounting gasket.

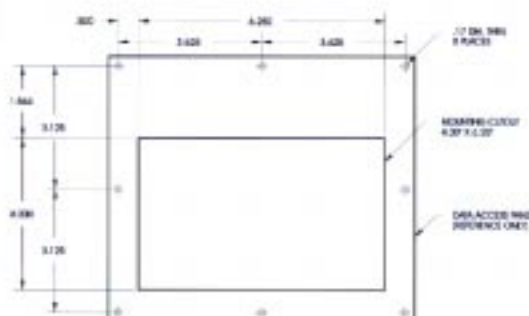
FEATURES

- Attaches to PLC Program Port
- Lockable cover prevents unauthorized access to processor memory
- Process hardware protected from factory environment
- Convenient receptacle for support equipment
- Circuit breaker protection on duplex receptacle
- Terminal block provided for field cable installation
- 8 position modular connector wire for Ethernet 10 Base-T applications
- 9 socket D-Subminiature connector terminated to positions #1, 5, and 7



Overall Dimensions

Mounting Dimensions



Data Access Panels

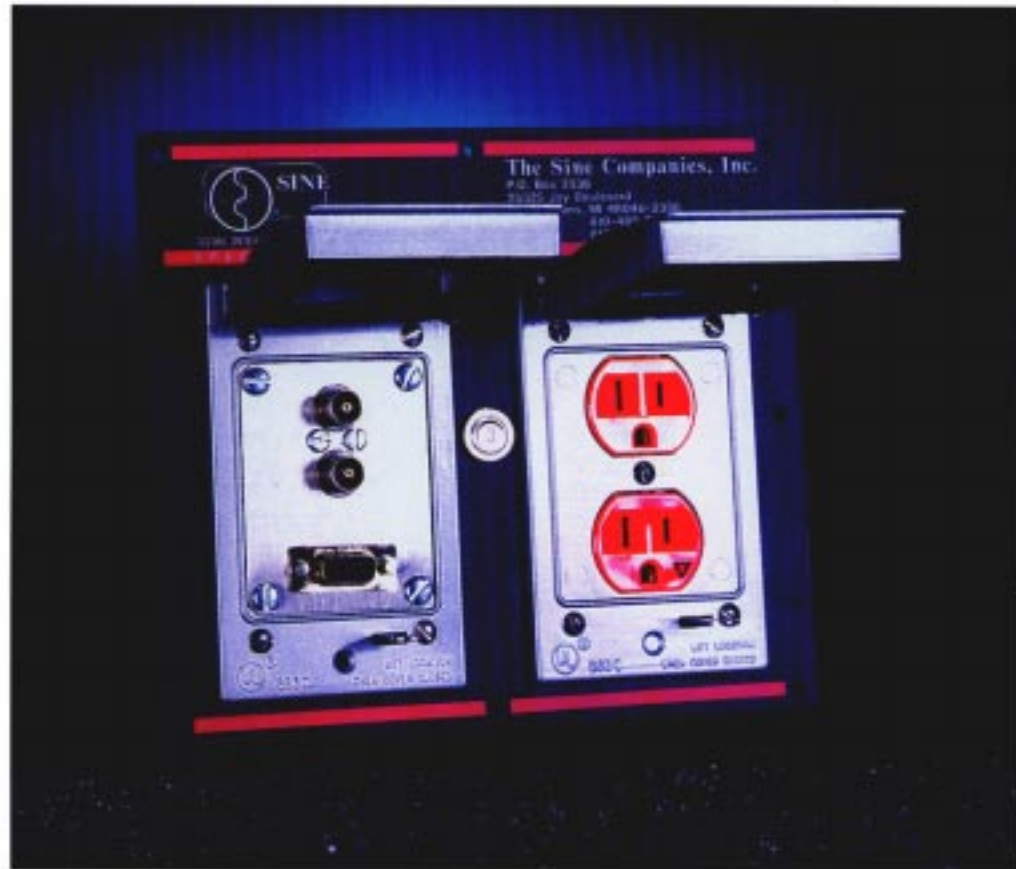
The P23457 ProPort™ Data Access Panel comes complete with a 9 socket D-Subminiature, a BNC Daisy switch connector and an outlet that can be accessed from outside the enclosure.

This ProPort Data Access Panel with outlet is suitable for mounting on any flat surface of the enclosure, including through the door, and requires only 4.9 inches of panel space. The appropriate conductors are wired point to point to a terminal block and tested. Power for the duplex receptacle must be supplied from an appropriate isolated power source. This receptacle should only be used to power device support equipment. Each unit comes standard with a mounting gasket.

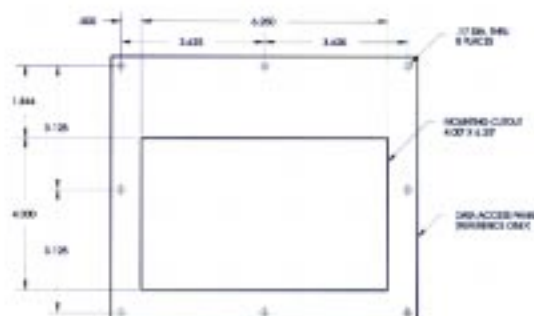
FEATURES

- Attaches to PLC Program Port
- Lockable cover prevents unauthorized access to processor memory
- Process hardware protected from factory environment
- Convenient receptacle for support equipment
- Circuit breaker protection on duplex receptacle
- Terminal block provided for field cable installation
- BNC Daisy Switch connection for Ethernet 10 Base-2 applications
- 9 socket D-Subminiature connector terminated to positions #1, 5, and 7

P23457



Overall Dimensions



Mounting Dimensions

P22939



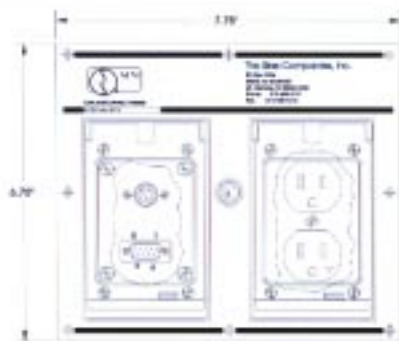
The P22939 ProPort™ Data Access Panel comes complete with a 9 socket D-Subminiature, an 8 position socket mini-DIN connector, a protective cover over the rear mounted terminal blocks and an outlet that can be accessed from outside the enclosure.

This ProPort Data Access Panel with outlet is suitable for mounting on any flat surface of the enclosure, including through the door, and requires only 49 inches of panel space. The appropriate conductors are wired point to point to a terminal block and tested. Power for the duplex receptacle must be supplied from an appropriate isolated power source. This receptacle should only be used to power device support equipment. Each unit comes standard with a mounting gasket.

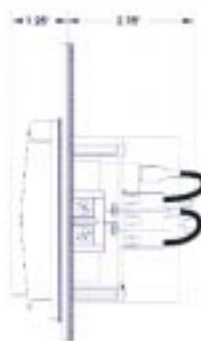
FEATURES

- Attaches to PLC Program Port
- Lockable cover prevents unauthorized access to processor memory
- Process hardware protected from factory environment
- Convenient receptacle for support equipment
- Circuit breaker protection on duplex receptacle
- Terminal block provided for field cable installation
- 8 socket mini-DIN connector terminated to pins #1, 3 and 6
- 9 socket D-Subminiature connector terminated to pins #1, 5 and 7

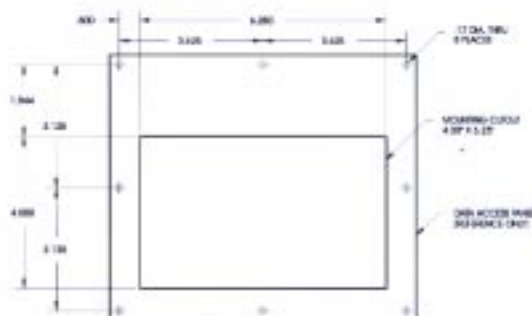
NOTE: May be used for New Program Date Highway Plus Applications.



Overall Dimensions



Mounting Dimensions



Data Access Panels

The P22482 ProPort™ Data Access Panel comes complete with an 8 position modular connector, and an outlet that can be accessed from outside the enclosure.

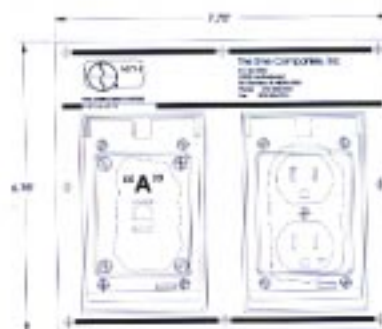
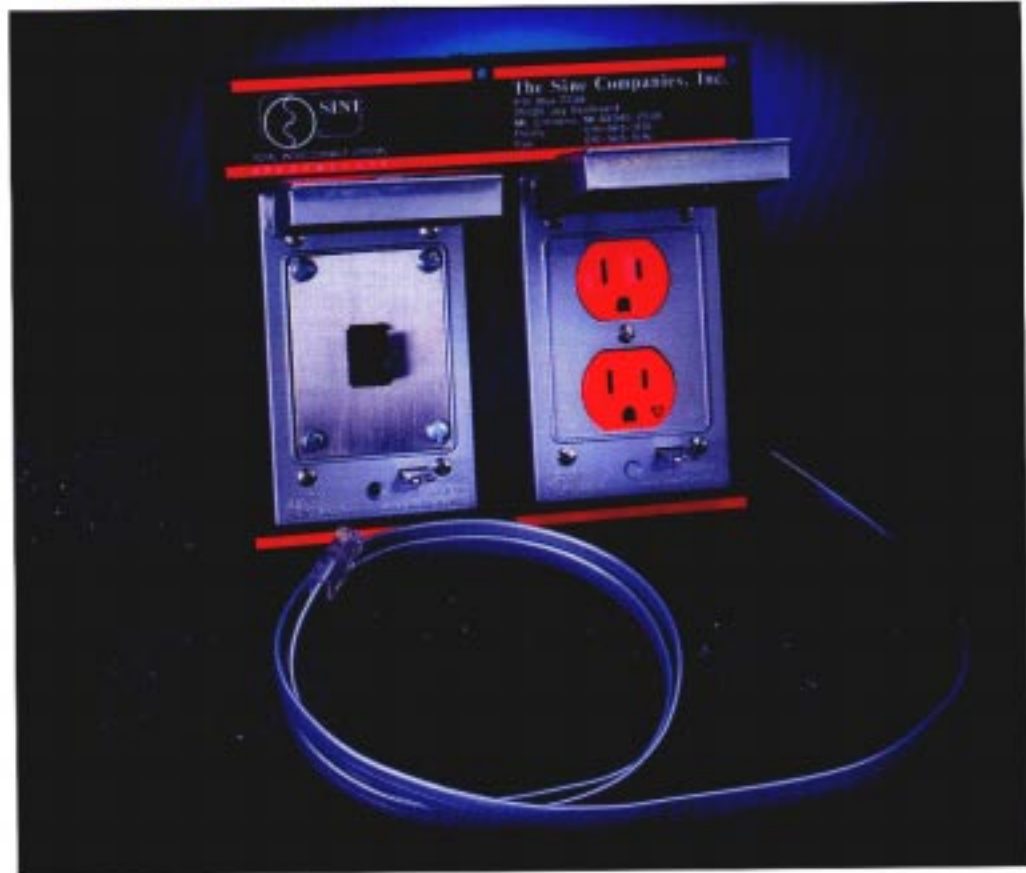
This ProPort Data Access Panel with outlet is suitable for mounting on any flat surface of the enclosure, including through the door, and requires only 4.9 inches of panel space. It is completely wired with all conductors passed through point to point and tested. Power for the duplex receptacle must be supplied from an appropriate isolated power source. This receptacle should only be used to power device support equipment. Each unit comes standard with a 5, 10, or 20 foot cable and mounting gasket.

FEATURES

- Attaches to PLC Program Port
- Lockable cover prevents unauthorized access to processor memory
- Process hardware protected from factory environment
- Convenient receptacle for support equipment
- 8 position female modular phone jack at "A" end, 8 position male at "B" end
- The "-EXX" of the part number describes the length of the assembly

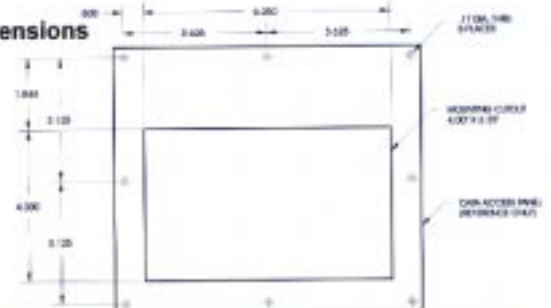
NOTE: May be used for SLC-500 Applications

P22482-EXX



Overall Dimensions

Mounting Dimensions



Customs and Options



The Sine Companies, Inc., has the ability to design, engineer and manufacture ProPort™ products to meet the requirements of customized applications. When a standard model does not provide the features you need, please consult the factory to discuss the specifications of your design application needs.

ProPort products can be manufactured with a variety of interconnect and cabling options.

OPTIONS

- Attaches to PLC Program Port
- Lockable cover prevents unauthorized access to processor memory
- Process hardware protected from factory environment
- Convenient receptacle for support equipment
- Circuit breaker protection on duplex receptacle
- Many interconnect options
- Many cabling options
- Application specific designs

Amphenol

SINE Systems * Pyle Connectors Corporation

25325 Joy Boulevard, Mt. Clemens, MI 48046-2336
Tel: 810.465.3131 • Fax: 810.465.1216
www.sineco.com • email: info@sineco.com

NORTH AMERICA

Amphenol Corporation World Headquarters
358 Hall Avenue
Wallingford, CT 06492
Tel: 203.265.8900 / Fax: 203.265.8626

Amphenol Aerospace Operations
40-60 Delaware Street
Sydney, New York 13838-1395
Tel: 607.563.5011 / Fax: 607.563.5714

Amphenol-Tuchel Electronics
6900 Haggerty Road / Suite 200
Canton, MI 48187
Tel: 313.451.6400 / Fax: 313.451.7197

**Amphenol Corporation -
Fiber Optic Products**
1925A Ohio Street
Lisle, IL 60532
Tel: 630.960.1010 / Toll Free: 1.800.944.6446
Fax: 630.810.5640

**Amphenol Corporation -
Spectra-Strip Operations**
720 Sherman Avenue
P.O. Box 4340
Hamden, CT 06514
Tel: 203.261.3200 / Toll Free: 1.800.646.6400
Fax: 203.261.5872

**Amphenol Interconnect
Products Corporation**
20 Valley Street
Endicott, NY 13760
Tel: 607.754.4444 / Fax: 607.786.4311

**Amphenol Corporation -
Communication and
Network Products Division**
One Kennedy Avenue
Danbury, CT 06810
Tel: 203.743.9272 / Fax: 203.796.2091

**Amphenol Corporation -
Severna Operations**
3 Eastmans Road
Parsippany, NJ 07054
Tel: 201.503.1600 / Fax: 201.503.1704

Times Fiber Communications
358 Hall Avenue
Wallingford, CT 06492
Tel: 203.265.8500 / Toll Free: 1.800.677.CATV
Fax: 203.265.8422

Amphenol Canada Corporation
20 Melford Drive
Scarborough, Ontario
M1B 2X6
CANADA
Tel: 416.291.4401 / Fax: 416.292.0547

EUROPE

Amphenol Benelux BV
Central Office
P.O. Box 63, 3990 DB Houten
Peppelkade 2a, 3992 AK
Houten, The Netherlands
Tel: +31 30 6358000 / Fax: +31 30 6377034
e-mail: info@amphenol-nl.com

Amphenol Benelux
P.O. Box 63, 3990 DB Houten
Peppelkade 2b, 3992 AK
Houten, The Netherlands
Tel: +31 30 6358015 / Fax: +31 30 6377699
e-mail: info@amphenol-nl.com

Amphenol Iberica
Calle Cuba No. 6, 2-5
28820 Coslada
Madrid, Spain
Tel: +34 1 673 2235 / Fax: +34 1 674 0893
e-mail: info@amphenol-nl.com

Amphenol Poland
18 Niedumego Street
41-500 Swietochlowice
Katowice, Poland
Tel/Fax: +48 32 453634
Mobile: +48 601 421354
e-mail: info@amphenol-at.com

Amphenol Scandinavia
Box 2047 S-194 02 Upplands Väsby
Johanneslundsvägen 2
19461 Upplands Väsby
Sweden
Tel: +46 8 594 10 440 / Fax: +46 8 590 33 800
e-mail: info@amphenol-se.com

Amphenol Switzerland
Route du Roule 41 CH-1723
Marly, Switzerland
Tel: +41 26 4363818 / Fax: +41 26 4300177
e-mail: info@amphenol-nl.com

Amphenol Ges.m.b.H
Johnstrasse 42, 2. Stock
Top 3A, A-1150
Vienna, Austria
Tel: +43 1 985 1511 / Fax: +43 1 982 6101
e-mail: info@amphenol-at.com

Amphenol Italia S.p.A.
Galleria Gandhi, 2/27
20017 Mazze di Rho
Milano, Italy
Tel: +39 2 939 04192 / Fax: +39 2 939 01030
e-mail: info@amphenol-it.com

Amphenol do Brasil Ltda.
Morumbi Office Tower
Avenida Roque Petroni, Jr. No. 999-13th Fl.
CEP 04707-910 Sao Paulo - SP
Brazil
Tel: 55 11 532 2881 / Fax: 55 11 532 2812

HONG KONG

Amphenol East Asia Limited
Units 3-19, 10/F & the 11/F
Wah Luen Industrial Centre
15-21 Wong Chuk Yeung Street
Fotan, Shatin, N.T., Hong Kong
Tel: 852.2699.2663
Fax: 852.2691.1774 (Manufacturing)
852.2688.0974 (Sales)
Telex: 780.36502
AMPEA HX

KOREA

Amphenol East Asia Limited
13 Floor 1310
Samho Mulsan Bldg., B-dong
Yang Jae-dong 275-6
Seo Cho-ku
Seoul, Korea
Tel: 82.2.785.1588
Fax: 82.2.785.1589

INDIA

Amphetrone Limited
Plot No. 105
Bhosari Industrial Area
Post Box No. 1
Pune 411 026
India
Tel: 91.212.790363 / Fax: 91.212.790581
Telex: 953.0146.237
AMFETRONIX

GREAT BRITAIN

Amphenol Limited
Thanet Way, Whitstable
Kent CT5 3JF
Great Britain
Tel: 44.1227.773.200 / Fax: 44.1227.276.571
Telex: 851.966507
AMPHNL G

Amphenol Limited
Romsey Industrial Estate
Greatbridge Road
Romsey, Hampshire SO5 0HR
Great Britain
Tel: 44.1794.517.575 / Fax: 44.1794.516.246
Telex: 851.47467

SCOTLAND

Amphenol Limited
Lynedoch ST Ind Estate #29
Greenock PA15 4AY
Scotland
Tel: 44.1475.888.898 / Fax: 44.1475.729.109

Sine Systems * Pyle Connectors Corporation © 1997

This publication must not be used in any form or manner without prior approval in writing by copyright law. All rights reserved. We reserve the right to modify designs in order to improve quality, keep pace with technological advancement or to meet particular requirements in production. Specifications subject to change.

Printed in the U.S.A.
ISSN 0891-1147

