



Pushing Performance

# HARTING Han-Port® Programming Interfaces



People | Power | Partnership

## Quality Connections Worldwide

HARTING was founded in 1945 by the family that still owns the company. Today, HARTING employs more than 3,200 people worldwide, including 300 engineers and scientists. Over 500 technical specialists are available to implement customer requirements.

With subsidiaries and representative locations in 40 countries, HARTING is one of the leading manufacturers of electrical and electronic connectors. The global HARTING network means that the company is always in close touch with the market and ideally placed to work together with its customers.

As the market leader, HARTING offers the benefits of just-in-time service and maintains close business relations with all of its key customers in the global marketplace. In more than one of its product areas, HARTING leads the field.

HARTING products are manufactured using advanced, automated techniques, with CAD systems employed both in research and development and tool-making. In matters of quality, HARTING is convinced that zero-defect production can only be achieved through fully automated processes.

As your technology partner in a wide range of applications for industrial, medical, communications technology and mobile telecommunications markets, HARTING is committed to providing innovative solutions and quality you can trust.

For more information on HARTING's complete line of products visit [www.HARKIS.HARTING.com](http://www.HARKIS.HARTING.com)




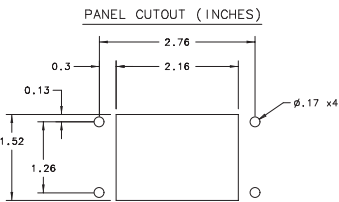
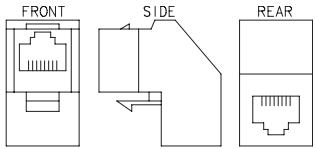
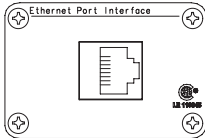

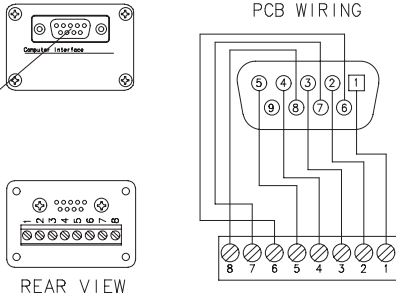
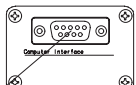
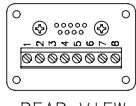
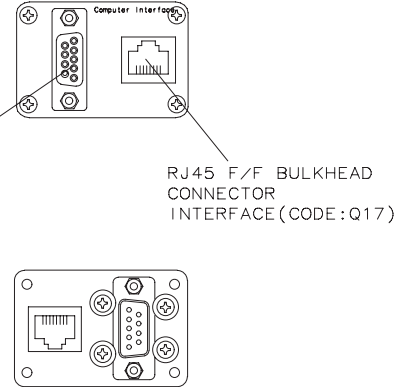

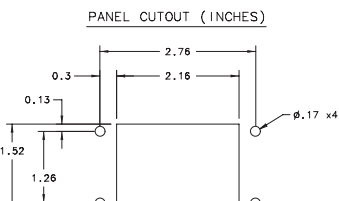
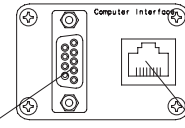
## HARTING Han-Port® Programming Interfaces

The Han-Port® interface provides a convenient and environmentally protected method of accessing network ports.


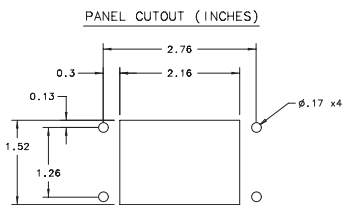
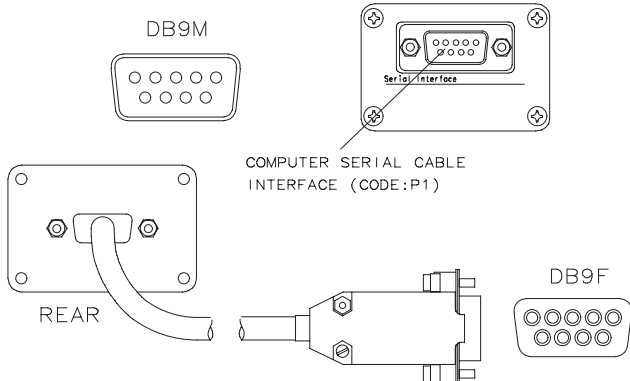

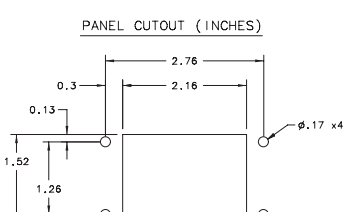
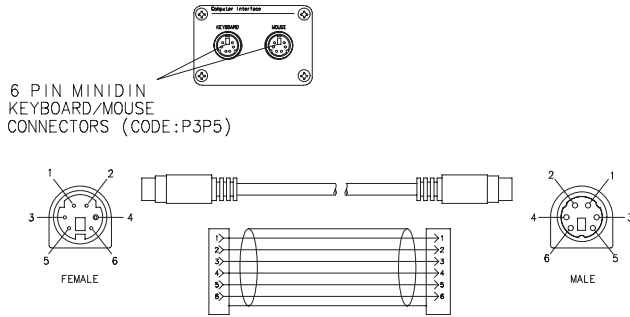

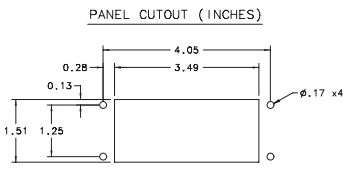
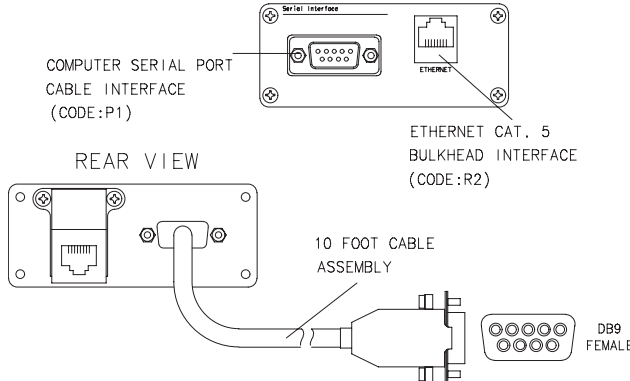

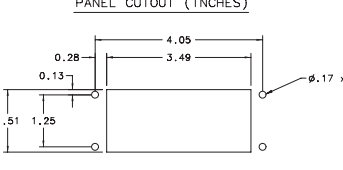
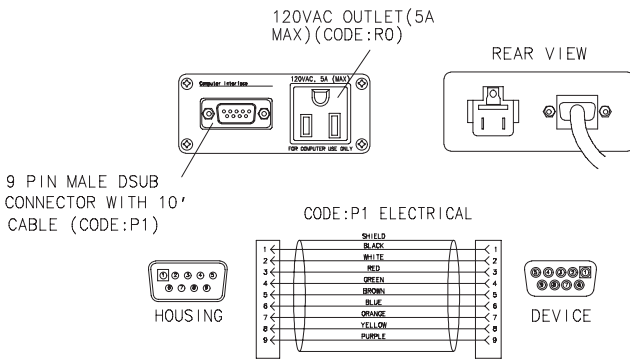
Han-Port® is the solution to meet electrical safety requirements specified by the National Fire Protection Agency (70E Standard). Given the stringent requirements, Han-Port® allows users to maintain convenience, safety and efficiency.


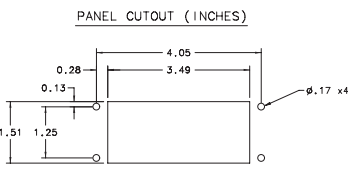
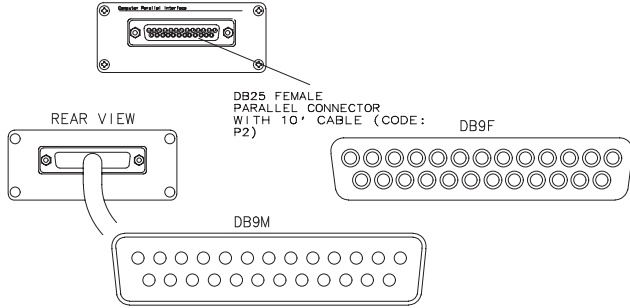

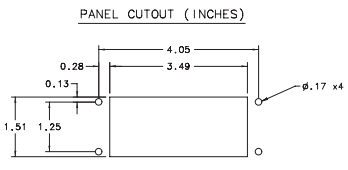
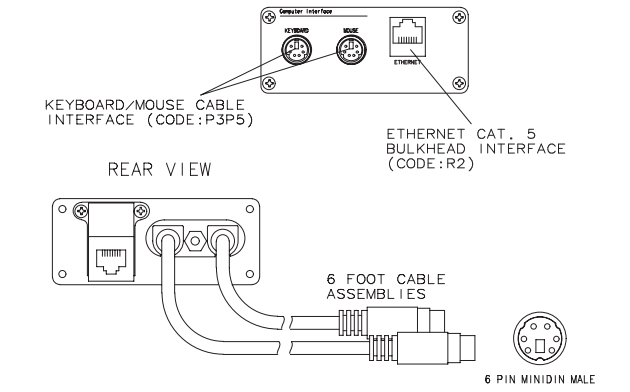

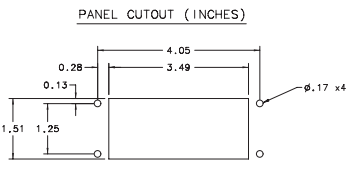
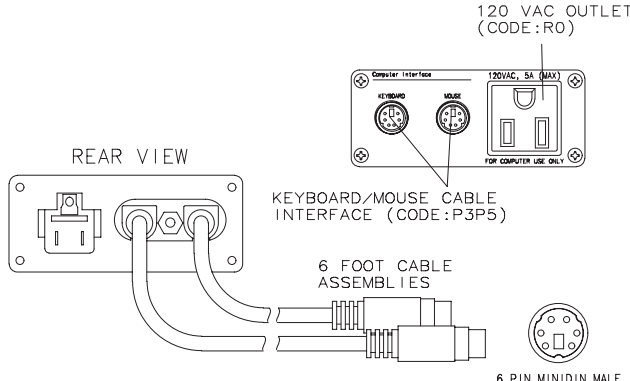

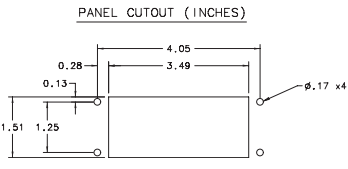
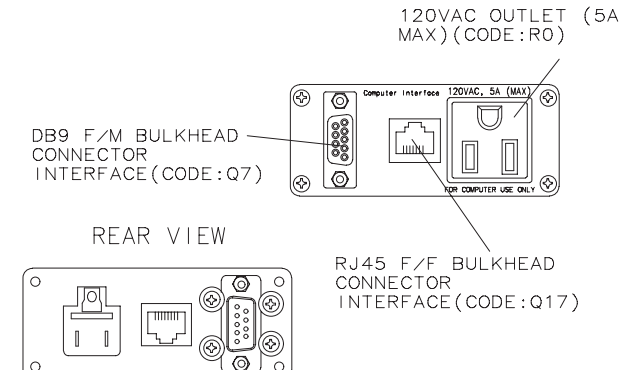
- Typically mounts on the outside of an enclosure
- Maintains the UL type 4/12 integrity of control systems
- Safety and convenience for programmers and trouble-shooters
- Flexible: any combination of connectors and cables is possible
- Protects control devices from unwanted substances, such as dust, dirt, oil and chemicals
- Available in three different termination styles: PC boards with terminal blocks, complete cable extension solutions and bulk-head (pass-thru) connectors

Visit [www.HARTING-usa.com](http://www.HARTING-usa.com) for more information on the HARTING Han-Port® Programming Interface.

Product Image / Part Number	Panel Cutout / Description	Drawing
 <p><b>73 55 040 0901</b></p>	<p>PANEL CUTOUT (INCHES)</p>  <p><b>RJ 45 F/F</b></p>	 <p>FRONT SIDE REAR</p> <p>CAT. 5 RJ-45 INTERFACE</p> <p>Ethernet Port Interface</p>
 <p><b>73 55 040 0902</b></p>	<p>PANEL CUTOUT (INCHES)</p>  <p><b>DB9 F/Terminal Block</b></p>	 <p>DB9F/TERMINALS PCB INTERFACE (CODE:R1)</p> <p>REAR VIEW</p> <p>PCB WIRING</p>
 <p><b>73 55 040 0903</b></p>	<p>PANEL CUTOUT (INCHES)</p>  <p><b>DB9 F/M, RJ 45 F/F</b></p>	 <p>DB9 F/M BULKHEAD CONNECTOR INTERFACE (CODE:Q7)</p> <p>RJ45 F/F BULKHEAD CONNECTOR INTERFACE (CODE:Q17)</p>
 <p><b>73 55 040 0904</b></p>	<p>PANEL CUTOUT (INCHES)</p>  <p><b>DB9 F/M</b></p>	 <p>DB9 F/M BULKHEAD CONNECTOR INTERFACE (CODE:Q7)</p> <p>REAR VIEW</p>


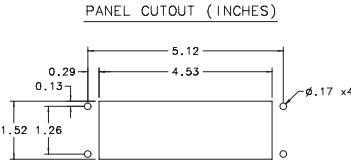
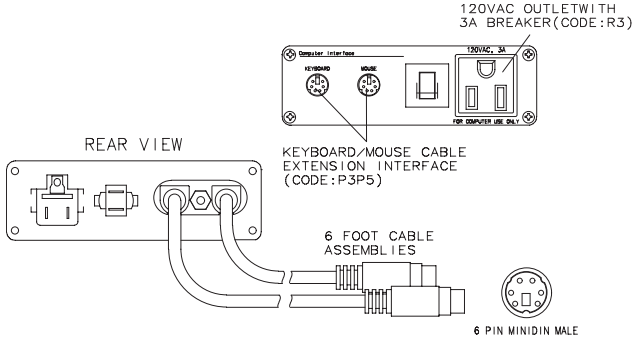

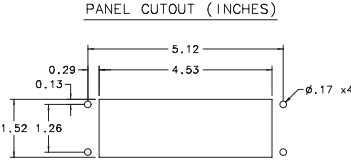
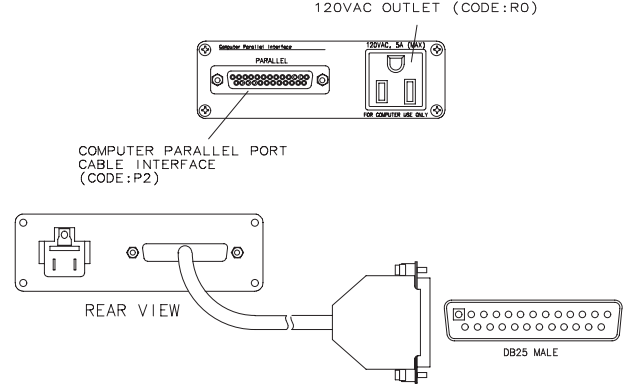

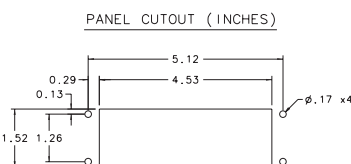
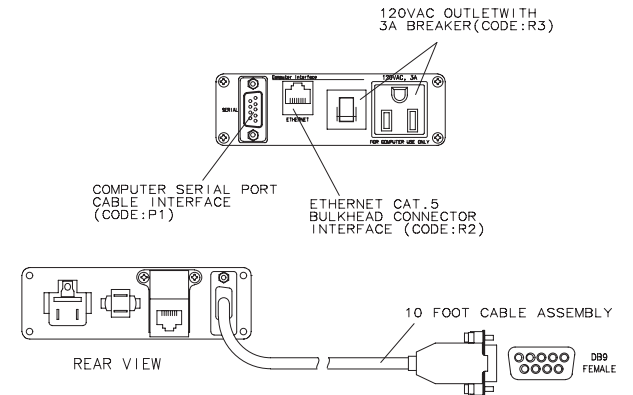

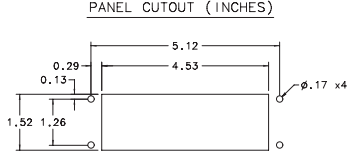
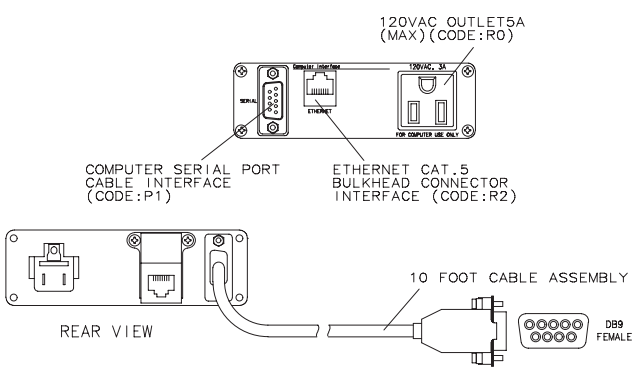
\*Other Han-Port® arrangements are available upon request.

Product Image / Part Number	Panel Cutout / Description	Drawing																											
 <p><b>73 55 040 0905</b></p>	<p>PANEL CUTOUT (INCHES)</p>  <p>Dimensions: 2.76, 2.16, 0.3, 0.13, 1.52, 1.26, <math>\phi .17 \times 4</math></p> <p><b>DB9 M/F w/10' cable</b></p>	 <p>DB9M</p> <p>COMPUTER SERIAL CABLE INTERFACE (CODE:P1)</p> <p>REAR</p> <p>DB9F</p>																											
 <p><b>73 55 040 0906</b></p>	<p>PANEL CUTOUT (INCHES)</p>  <p>Dimensions: 2.76, 2.16, 0.3, 0.13, 1.52, 1.26, <math>\phi .17 \times 4</math></p> <p><b>2x6 pin mini DIN w/6' cable</b></p>	 <p>6 PIN MINIDIN KEYBOARD/MOUSE CONNECTORS (CODE:P3P5)</p> <p>FEMALE</p> <p>MALE</p> <p>CABLE PINOUT (MALE PLUG MOUNTS IN INTERFACE HOUSING)</p>																											
 <p><b>73 55 040 0907</b></p>	<p>PANEL CUTOUT (INCHES)</p>  <p>Dimensions: 4.05, 3.49, 0.28, 0.13, 1.51, 1.25, <math>\phi .17 \times 4</math></p> <p><b>DB9 M/F w/10' cable, RJ 45 F/F</b></p>	 <p>COMPUTER SERIAL PORT CABLE INTERFACE (CODE:P1)</p> <p>ETHERNET CAT. 5 BULKHEAD INTERFACE (CODE:R2)</p> <p>REAR VIEW</p> <p>10 FOOT CABLE ASSEMBLY</p> <p>DB9 FEMALE</p>																											
 <p><b>73 55 040 0908</b></p>	<p>PANEL CUTOUT (INCHES)</p>  <p>Dimensions: 4.05, 3.49, 0.28, 0.13, 1.51, 1.25, <math>\phi .17 \times 4</math></p> <p><b>DB9 M/F w/10' cable, 120V outlet</b></p>	 <p>120VAC OUTLET (5A MAX) (CODE:R0)</p> <p>REAR VIEW</p> <p>9 PIN MALE DSUB CONNECTOR WITH 10' CABLE (CODE:P1)</p> <p>CODE:P1 ELECTRICAL</p> <p>HOUSING</p> <p>DEVICE</p> <table border="1"> <tr><td>1</td><td>SHIELD</td><td>1</td></tr> <tr><td>2</td><td>BLACK</td><td>2</td></tr> <tr><td>3</td><td>RED</td><td>3</td></tr> <tr><td>4</td><td>GREEN</td><td>4</td></tr> <tr><td>5</td><td>BROWN</td><td>5</td></tr> <tr><td>6</td><td>BLUE</td><td>6</td></tr> <tr><td>7</td><td>ORANGE</td><td>7</td></tr> <tr><td>8</td><td>YELLOW</td><td>8</td></tr> <tr><td>9</td><td>PURPLE</td><td>9</td></tr> </table>	1	SHIELD	1	2	BLACK	2	3	RED	3	4	GREEN	4	5	BROWN	5	6	BLUE	6	7	ORANGE	7	8	YELLOW	8	9	PURPLE	9
1	SHIELD	1																											
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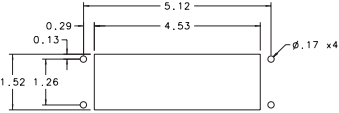
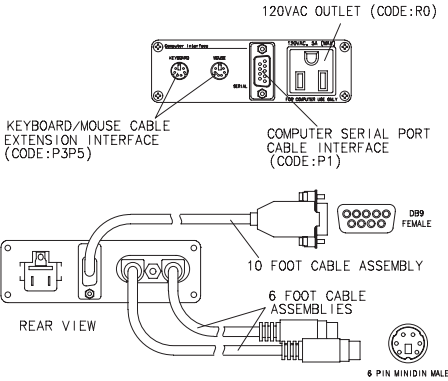

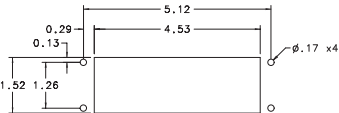
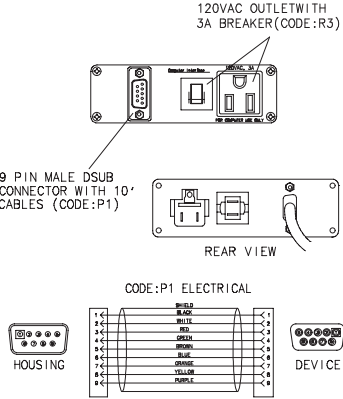

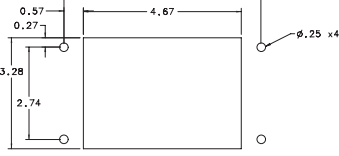
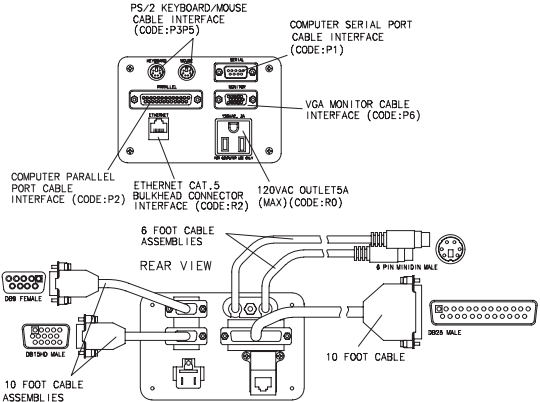

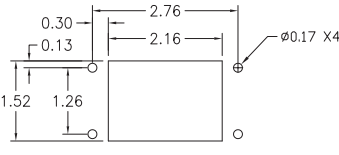
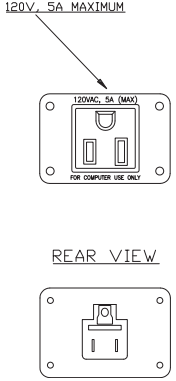
Product Image / Part Number	Panel Cutout / Description	Drawing
 <p><b>73 55 040 0909</b></p>	<p>PANEL CUTOUT (INCHES)</p>  <p><b>DB25 F/M w/10' cable</b></p>	 <p>DB25 FEMALE PARALLEL CONNECTOR WITH 10' CABLE (CODE: DB9F)</p> <p>DB9M</p>
 <p><b>73 55 040 0910</b></p>	<p>PANEL CUTOUT (INCHES)</p>  <p><b>RJ 45 F/F, 2x6 pin mini DIN w/6' cable</b></p>	 <p>KEYBOARD/MOUSE CABLE INTERFACE (CODE: P3P5)</p> <p>ETHERNET CAT. 5 BULKHEAD INTERFACE (CODE: R2)</p> <p>6 FOOT CABLE ASSEMBLIES</p> <p>6 PIN MINIDIN MALE</p>
 <p><b>73 55 040 0911</b></p>	<p>PANEL CUTOUT (INCHES)</p>  <p><b>2x6 pin mini DIN w/6' cable, 120V outlet</b></p>	 <p>120 VAC OUTLET (CODE: R0)</p> <p>KEYBOARD/MOUSE CABLE INTERFACE (CODE: P3P5)</p> <p>6 FOOT CABLE ASSEMBLIES</p> <p>6 PIN MINIDIN MALE</p>
 <p><b>73 55 040 0912</b></p>	<p>PANEL CUTOUT (INCHES)</p>  <p><b>DB9 F/M, RJ 45 F/F, 120V outlet</b></p>	 <p>120VAC OUTLET (5A MAX) (CODE: R0)</p> <p>DB9 F/M BULKHEAD CONNECTOR INTERFACE (CODE: Q7)</p> <p>RJ45 F/F BULKHEAD CONNECTOR INTERFACE (CODE: Q17)</p>

\*Other Han-Port® arrangements are available upon request.


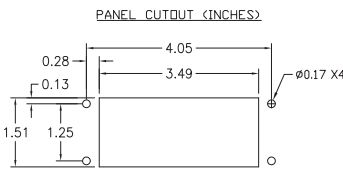
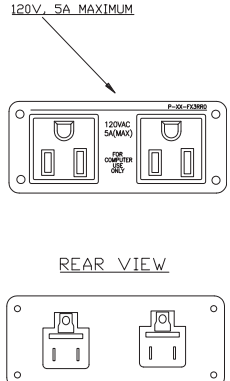

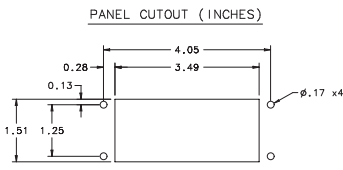
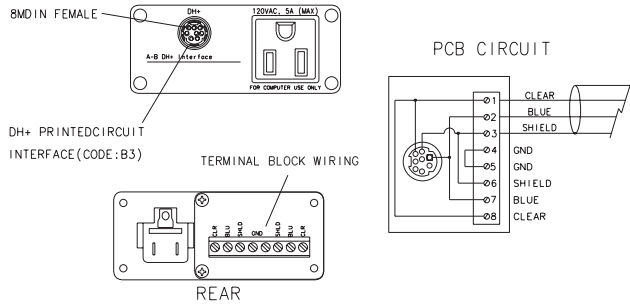

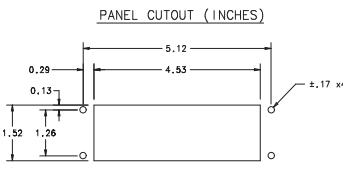
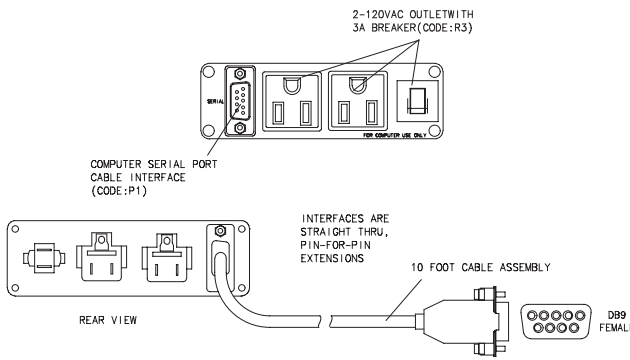

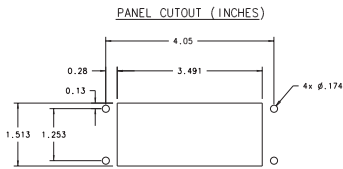
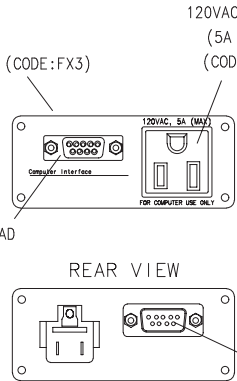
Product Image / Part Number	Panel Cutout / Description	Drawing
<p><b>73 55 040 0913</b></p>	<p>PANEL CUTOUT (INCHES)</p> <p><b>DB9 F/Terminal Block, 120V outlet</b></p>	<p>CODE:R1 INTERFACE</p> <p>FRONT FACE SIDE BACK FACE</p> <p>120VAC OUTLET (5A MAX) (CODE:R0)</p> <p>DB9F PRINTED CIRCUIT INTERFACE (CODE:R1)</p> <p>WIRE ENTRY ASSEMBLY, REAR VIEW</p> <p>ELECTRICAL</p>
<p><b>73 55 040 0914</b></p>	<p>PANEL CUTOUT (INCHES)</p> <p><b>RJ 45 F/F, 120V outlet</b></p>	<p>120VAC OUTLET (5A MAX) (CODE:R0)</p> <p>RJ45 CAT5 BULKHEAD ETHERNET CONNECTOR (CODE:R2)</p> <p>REAR VIEW</p>
<p><b>73 55 040 0915</b></p>	<p>PANEL CUTOUT (INCHES)</p> <p><b>RJ 45 F/F, 120V outlet w/3A breaker</b></p>	<p>120VAC OUTLET WITH 3A BREAKER (CODE:R3)</p> <p>RJ45 CAT5 BULKHEAD ETHERNET CONNECTOR (CODE:R2)</p> <p>REAR VIEW</p>
<p><b>73 55 040 0916</b></p>	<p>PANEL CUTOUT (INCHES)</p> <p><b>DB9 F/Terminal Block, 120V outlet w/3A breaker</b></p>	<p>CODE:R1 INTERFACE</p> <p>FRONT FACE SIDE BACK FACE</p> <p>120VAC OUTLET WITH 3A BREAKER (CODE:R3)</p> <p>DB9F PRINTED CIRCUIT INTERFACE (CODE:R1)</p> <p>WIRE ENTRY ASSEMBLY, REAR VIEW</p> <p>ELECTRICAL</p>

Product Image / Part Number	Panel Cutout / Description	Drawing
 <p><b>73 55 040 0918</b></p>	<p>PANEL CUTOUT (INCHES)</p>  <p><b>2x6 pin mini DIN w/6' cable, 120V outlet w/3A breaker</b></p>	 <p>120VAC OUTLET WITH 3A BREAKER (CODE:R3)</p> <p>REAR VIEW</p> <p>KEYBOARD/MOUSE CABLE EXTENSION INTERFACE (CODE:P3P5)</p> <p>6 FOOT CABLE ASSEMBLIES</p> <p>6 PIN MINIDIN MALE</p>
 <p><b>73 55 040 0919</b></p>	<p>PANEL CUTOUT (INCHES)</p>  <p><b>DB25 F/M w/10' cable, 120V outlet</b></p>	 <p>120VAC OUTLET (CODE:R0)</p> <p>REAR VIEW</p> <p>COMPUTER PARALLEL PORT CABLE INTERFACE (CODE:P2)</p> <p>DB25 MALE</p>
 <p><b>73 55 040 0920</b></p>	<p>PANEL CUTOUT (INCHES)</p>  <p><b>DB9 M/F w/10' cable, RJ 45 F/F, 120V outlet w/3A breaker</b></p>	 <p>120VAC OUTLET WITH 3A BREAKER (CODE:R3)</p> <p>REAR VIEW</p> <p>COMPUTER SERIAL PORT CABLE INTERFACE (CODE:P1)</p> <p>ETHERNET CAT.5 BULKHEAD CONNECTOR INTERFACE (CODE:R2)</p> <p>10 FOOT CABLE ASSEMBLY</p> <p>DB9 FEMALE</p>
 <p><b>73 55 040 0921</b></p>	<p>PANEL CUTOUT (INCHES)</p>  <p><b>DB9 M/F w/10' cable, RJ 45 F/F, 120V outlet</b></p>	 <p>120VAC OUTLET 5A (MAX) (CODE:R0)</p> <p>REAR VIEW</p> <p>COMPUTER SERIAL PORT CABLE INTERFACE (CODE:P1)</p> <p>ETHERNET CAT.5 BULKHEAD CONNECTOR INTERFACE (CODE:R2)</p> <p>10 FOOT CABLE ASSEMBLY</p> <p>DB9 FEMALE</p>


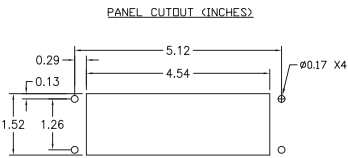
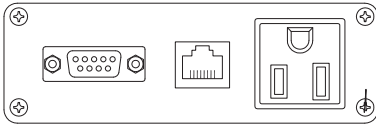
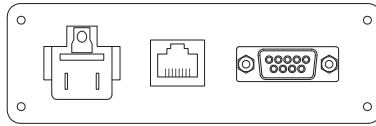

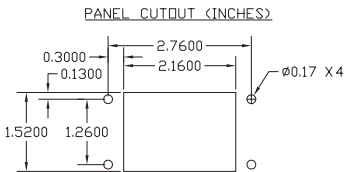
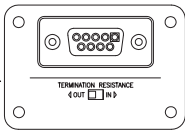
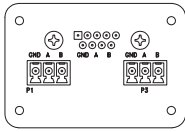

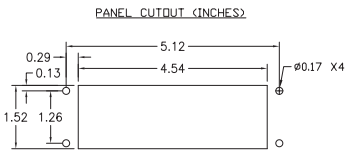
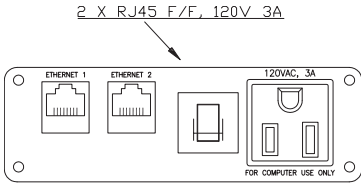
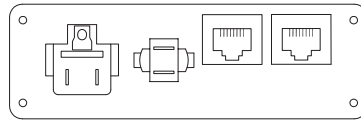

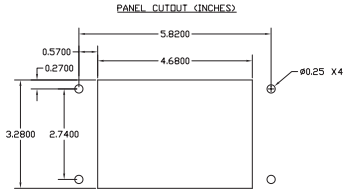
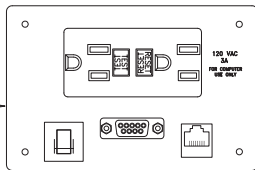
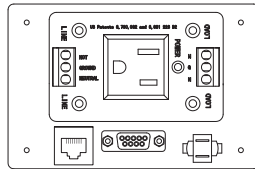
\*Other Han-Port® arrangements are available upon request.


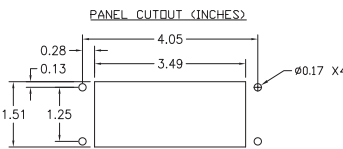
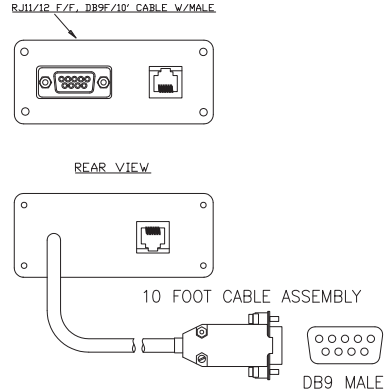

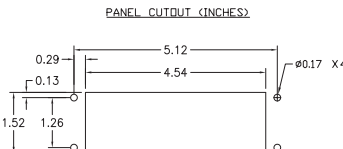
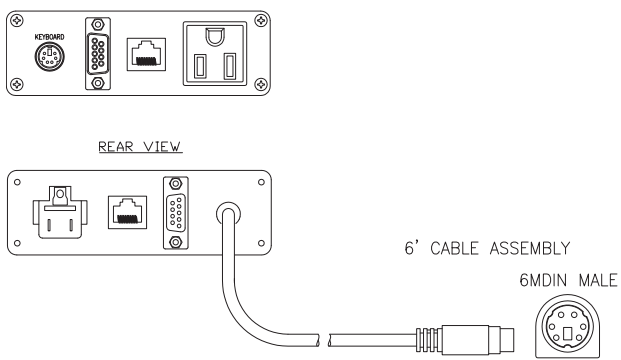

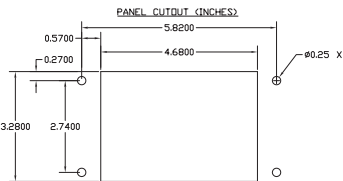
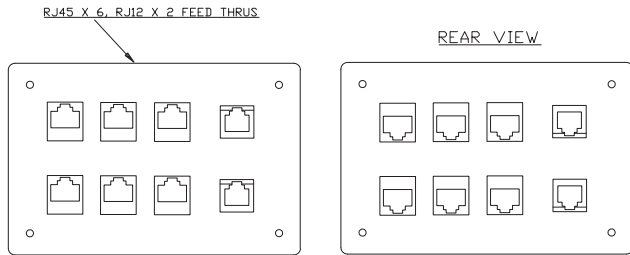

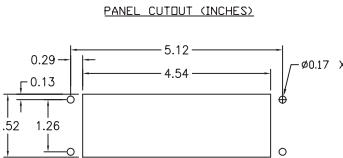
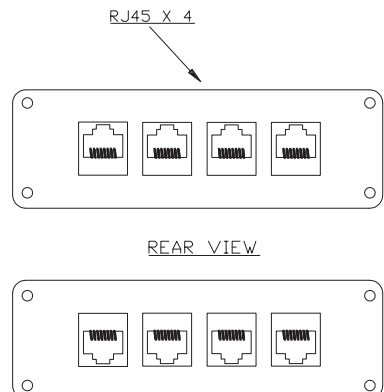
Product Image / Part Number	Panel Cutout / Description	Drawing
 <p data-bbox="115 642 285 669"><b>73 55 040 0922</b></p>	<p data-bbox="574 331 764 352">PANEL CUTOUT (INCHES)</p>  <p data-bbox="500 615 776 674"><b>DB9 M/F, 2x6 pin mini DIN w/6' cable, 120V outlet</b></p>	 <p data-bbox="1230 289 1406 310">120VAC OUTLET (CODE:R0)</p> <p data-bbox="976 405 1138 453">KEYBOARD/MOUSE CABLE EXTENSION INTERFACE (CODE:P3P5)</p> <p data-bbox="1235 411 1398 459">COMPUTER SERIAL PORT CABLE INTERFACE (CODE:P1)</p> <p data-bbox="1203 489 1300 510">DB9 FEMALE</p> <p data-bbox="1203 541 1393 562">10 FOOT CABLE ASSEMBLY</p> <p data-bbox="1203 573 1333 594">6 FOOT CABLE ASSEMBLIES</p> <p data-bbox="987 604 1068 625">REAR VIEW</p> <p data-bbox="1333 646 1417 667">6 PIN MINIDIN MALE</p>
 <p data-bbox="115 1073 285 1100"><b>73 55 040 0923</b></p>	<p data-bbox="574 758 764 779">PANEL CUTOUT (INCHES)</p>  <p data-bbox="500 1045 727 1104"><b>DB9 M/F, 120V outlet w/3A breaker</b></p>	 <p data-bbox="1219 709 1360 737">120VAC OUTLET WITH 3A BREAKER (CODE:R3)</p> <p data-bbox="1019 877 1154 926">9 PIN MALE DSUB CONNECTOR WITH 10' CABLES (CODE:P1)</p> <p data-bbox="1219 947 1300 968">REAR VIEW</p> <p data-bbox="1149 989 1279 1010">CODE:P1 ELECTRICAL</p> <p data-bbox="1036 1031 1089 1079">HOUSING</p> <p data-bbox="1317 1052 1365 1079">DEVICE</p>
 <p data-bbox="115 1503 285 1530"><b>73 55 040 0924</b></p>	<p data-bbox="574 1192 764 1213">PANEL CUTOUT (INCHES)</p>  <p data-bbox="500 1451 805 1535"><b>DB9 F/M, DB25 w/10' cable, RJ 45 F/F, PS2F/M, VGA F/M w/10' cable, 120V outlet</b></p>	 <p data-bbox="1052 1136 1154 1184">PS/2 KEYBOARD/MOUSE CABLE INTERFACE (CODE:P3P5)</p> <p data-bbox="1214 1150 1317 1199">COMPUTER SERIAL PORT CABLE INTERFACE (CODE:P1)</p> <p data-bbox="1214 1234 1344 1262">VGA MONITOR CABLE INTERFACE (CODE:P6)</p> <p data-bbox="938 1297 1040 1346">COMPUTER PARALLEL PORT CABLE INTERFACE (CODE:P2)</p> <p data-bbox="1052 1318 1154 1367">ETHERNET CAT.5 BULKHEAD CONNECTOR INTERFACE (CODE:R2)</p> <p data-bbox="1166 1318 1268 1367">120VAC OUTLETS 5A (MAX) (CODE:R0)</p> <p data-bbox="1052 1381 1154 1409">6 FOOT CABLE ASSEMBLIES</p> <p data-bbox="1084 1402 1138 1423">REAR VIEW</p> <p data-bbox="938 1507 1040 1535">10 FOOT CABLE ASSEMBLIES</p> <p data-bbox="1214 1486 1317 1514">10 FOOT CABLE</p> <p data-bbox="1349 1381 1393 1402">DB9 FEMALE</p> <p data-bbox="1349 1444 1393 1465">DB25 MALE</p> <p data-bbox="1349 1507 1393 1528">6 PIN MINIDIN MALE</p> <p data-bbox="1349 1549 1393 1570">DB25 MALE</p>
 <p data-bbox="115 1934 285 1961"><b>73 55 040 0926</b></p>	<p data-bbox="574 1619 764 1640">PANEL CUTOUT (INCHES)</p>  <p data-bbox="500 1934 618 1961"><b>120V outlet</b></p>	 <p data-bbox="1089 1577 1214 1598">120V, 5A MAXIMUM</p> <p data-bbox="1138 1661 1263 1759">120VAC, 5A (MAX) FOR COMPUTER USE ONLY</p> <p data-bbox="1138 1822 1247 1843">REAR VIEW</p>



Product Image / Part Number	Panel Cutout / Description	Drawing
 <p><b>73 55 040 0927</b></p>	<p>PANEL CUTOUT (INCHES)</p>  <p>120V duplex outlet</p>	 <p>120V, 5A MAXIMUM</p> <p>REAR VIEW</p>
 <p><b>73 55 040 0928</b></p>	<p>PANEL CUTOUT (INCHES)</p>  <p>DH+ (8 pin mini DIN) F/Terminal Block, 120V outlet</p>	 <p>8MDIN FEMALE</p> <p>DH+ PRINTEDCIRCUIT INTERFACE (CODE: B3)</p> <p>TERMINAL BLOCK WIRING</p> <p>REAR</p> <p>PCB CIRCUIT</p> <p>120VAC, 5A (MAX)</p> <p>FOR COMPUTER USE ONLY</p> <p>0-1 CLEAR 0-2 BLUE 0-3 SHIELD 0-4 GND 0-5 GND 0-6 SHIELD 0-7 BLUE 0-8 CLEAR</p>
 <p><b>73 55 040 0930</b></p>	<p>PANEL CUTOUT (INCHES)</p>  <p>DB9 M/F w/10' cable, 120VAC duplex outlet w/3A breaker</p>	 <p>2-120VAC OUTLET WITH 3A BREAKER (CODE: R3)</p> <p>COMPUTER SERIAL CABLE INTERFACE (CODE: P1)</p> <p>REAR VIEW</p> <p>INTERFACES ARE STRAIGHT THRU, PIN-FOR-PIN EXTENSIONS</p> <p>10 FOOT CABLE ASSEMBLY</p> <p>DB9 FEMALE</p>
 <p><b>73 55 040 0932</b></p>	<p>PANEL CUTOUT (INCHES)</p>  <p>DB9 F/M, 120V outlet</p>	 <p>120VAC OUTLET (5A MAX) (CODE: R0)</p> <p>HB16 INSERT (CODE: FX3)</p> <p>Computer Interface</p> <p>FOR COMPUTER USE ONLY</p> <p>REAR VIEW</p> <p>DB9 FEMALE BULKHEAD (CODE: Q7)</p> <p>DB9 MALE</p>

\*Other Han-Port® arrangements are available upon request.

Product Image / Part Number	Panel Cutout / Description	Drawing
 <p><b>73 55 040 0952</b></p>	<p>PANEL CUTOUT (INCHES)</p>  <p>DB9 M/F, RJ 45 F/F, 120V outlet</p>	 <p>REAR VIEW</p> 
 <p><b>73 55 040 0956</b></p>	<p>PANEL CUTOUT (INCHES)</p>  <p>DB9 F/Terminal Block for profibus</p>	<p>DB9F/TERMINAL BLOCK FOR PROFIBUS</p>  <p>REAR VIEW</p> 
 <p><b>73 55 040 0960</b></p>	<p>PANEL CUTOUT (INCHES)</p>  <p>RJ 45 F/F x 2, 120V outlet w/3A breaker</p>	<p>2 X RJ45 F/F, 120V 3A</p>  <p>REAR VIEW</p> 
 <p><b>73 55 040 0961</b></p>	<p>PANEL CUTOUT (INCHES)</p>  <p>DB9 F/F, RJ 45 F/F, 120V duplex outlet w/3A breaker and GFCI</p>	<p>120VGFCI .3A, RJ45 F/F, DB9 F/F</p>  <p>REAR VIEW</p> 

Product Image / Part Number	Panel Cutout / Description	Drawing
 <p><b>73 55 040 0963</b></p>	<p>PANEL CUTOUT (INCHES)</p>  <p><b>DB9 F/M 2/10' cable, RJ 11/12 F/F</b></p>	 <p>RJ11/12 F/F, DB9F/10' CABLE W/MALE</p> <p>REAR VIEW</p> <p>10 FOOT CABLE ASSEMBLY</p> <p>DB9 MALE</p>
 <p><b>73 55 040 0966</b></p>	<p>PANEL CUTOUT (INCHES)</p>  <p><b>DB9 F/M, RJ 45 F/F, 6 pin mini DIN w/6' cable, 120V outlet</b></p>	 <p>KEYBOARD</p> <p>REAR VIEW</p> <p>6' CABLE ASSEMBLY</p> <p>6MDIN MALE</p>
 <p><b>73 55 040 0981</b></p>	<p>PANEL CUTOUT (INCHES)</p>  <p><b>RJ 45 F/F x 6, RJ 12 F/F x 2</b></p>	 <p>RJ45 X 6, RJ12 X 2 FEED THRU</p> <p>REAR VIEW</p>
 <p><b>73 55 040 0983</b></p>	<p>PANEL CUTOUT (INCHES)</p>  <p><b>RJ 45 F/F x 4</b></p>	 <p>RJ45 X 4</p> <p>REAR VIEW</p>

\*Other Han-Port® arrangements are available upon request.



**Pushing Performance**

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