

Environnement et Changement climatique Canada

335, chemin River, Réfection du laboratoire 124, ADDENDA N° 02

N° du projet : RR-222, page 1 de 1

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PARTIE 1 Généralités

1.1 DOCUMENTS CONTRACTUELS

.1 Le présent addenda fait partie intégrante des documents contractuels. Il offre une description de tous les aspects du travail, et il doit être lu conjointement avec les documents contractuels. Le document doit être lu conjointement avec les dessins et les devis et il est reconnu comme document contractuel. Si des points qui ne concordent pas sont soulevés, le présent addenda aura préséance, sauf indication contraire de l'architecte. Le présent addenda doit être remis avec les autres documents de la soumission.

1.2 RECONNAISSANCE

.1 Le Soumissionnaire est responsable de signaler la réception du présent addenda en inscrivant le numéro et la date de l'addenda dans l'espace approprié de la formule de soumission.

PARTIE 2 ARCHITECTURE

2.1 Spécifications :

.1 Section 26 27 26 Dispositifs de câblage

.1 Ajouter : Boîtier de table Wiremold, de type socle, ci-joint (8 pages). Insérer après 26 27 26 Dispositifs de câblage.

FIN DU DOCUMENT

Multi-Service Pedestal Table Boxes for Laboratory Applications

Multi-Service Pedestal Table Boxes provide convenient access to high capacity power, communication and A/V services in a sleek contemporary styling with a clear, anodized aluminum finish. All models include a divider that allows units to be field-configured for one or multiple compartments, providing flexibility and accessibility on either side of a desk or lab bench. Models can also be used without the included partitions for all power or all data applications.

The satin anodized aluminum finish makes the unit an attractive complement to Isoduct® Series Raceway installations in laboratory settings and can be used on laboratory furniture, where shelving is not present, to secure horizontal runs of raceway. Laboratory Pedestal Table Boxes help to comply with ADA requirements by making power and data more accessible to all users. Combination 1/2" and 3/4" conduit knockouts on the bottom provide easy accessibility.



Lab Bench Pedestal Table Boxes provide access to power and communications services.





Isoduct® 4-Gang Lab Bench Table Box.

FEATURES & BENEFITS

- **Multi-compartment.** Use of included divider provides configuration flexibility to field-configure pedestal table boxes for power and data/A/V applications or without the divider for all power or all data/A/V applications.
- **Durable anodized aluminum finish.** Provides modern, aesthetically pleasing look that blends well with furniture and raceways used in labs, while providing an added level of protection and durability required for lab environments.
- **Protection against spills.** The Lab Bench Table Box is the first lab bench activation to be tested to the proposed UL111 standard for multi-outlet assemblies. This standard includes a spill test, which proves there is no risk of shock or short circuiting due to moisture when combined with certain Pass and Seymour receptacles. Complete list of tested devices can be found on pages 4 and 5.
- **Variety of faceplate configurations available.** Allows the flexibility to configure service fittings to meet power, data and A/V requirements now and in the future, reducing overall life cycle costs.
- **Datacom connectivity options.** Accepts industry standard and proprietary devices from a wide range of manufacturers to provide a seamless and aesthetically pleasing interface for voice, data, audio, and video applications at the point of use.

Pedestal Table Boxes Quick Selection Guide

| PEDESTAL TABLE BOX MODEL | COMPARTMENTS | SERVICE LOCATION | SPILL WATER COMPLIANT | COVER COLOR/MATERIAL | ELECTRICAL OUTLETS | DATA OPENINGS | A/V OPENINGS |
|---|--------------|------------------|-----------------------|-------------------------|--|---|---|
| Lab Bench Pedestal Table Box (2-Gang)  | Two | Above | Yes | Clear Anodized Aluminum | (1) 15A, 20A simplex or duplex, GFCI, or 30A Turnlok® per gang | Up to four (4) keystone jacks per gang using Wiremold AVIP Series Device Plates | Four Legrand AVIP Series or Extron® Electronics MAAP Modules or Two Extron® Electronics AAP Modules per gang* |
| AL241S-HB Pedestal Table Box  | Four | Above | No | Clear Anodized Aluminum | (1) 15A, 20A simplex or duplex, GFCI, or 30A Turnlok® per gang | Up to four (4) keystone jacks per gang using Wiremold AVIP Series Device Plates | N/A |

* Extron® Electronics MAAP modules are sold separately.

Lab Bench Pedestal Table Boxes

The new Lab Bench Pedestal Table Boxes provide increased capacity and access to multiple services in a variety of configurations to meet the demanding needs of laboratory activity. These field-wired units can be added to existing benches or designed into new lab construction. UL has evaluated these boxes for use on laboratory bench work surfaces. Pass & Seymour® receptacles were installed in the box and subjected to spill testing outlined in UL 111. The test results showed that there was no risk of fire or electrical shock as a result of the spill.



Lab Bench Pedestal Table Boxes provide access to power and communications services.

CODE REFERENCE

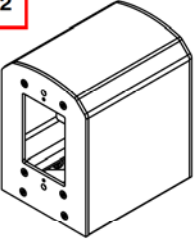
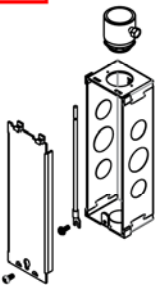
cULus Listed Metallic Outlet Boxes:
File E2961, Guide QCIT
Meets Article 314.27(C) of NEC

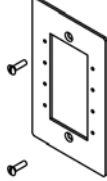
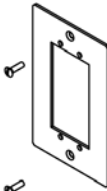
cULus Listed Multioutlet Assembly:
File E15191, Guide PVGT
Meets Article 380 of NEC
Meets Article 12-3032 of CEC
Evaluated for use on Laboratory Bench work surfaces

LAB BENCH PEDESTAL TABLE BOXES COLOR OPTIONS

Lab Bench Table Boxes are available in a clear anodized aluminum finish.

Lab Bench Pedestal Table Boxes Ordering Information

| PART NO. | DESCRIPTION |
|---------------|---|
| LBP2 |  <p>Lab Bench Pedestal – Aluminum housing and side plates, with a steel base and divider, measures 4" x 5" x 5 5/8" [102mm x 127mm x 143mm]. Base is configurable to have a combination of two (2) 3/4" knockouts or two (2) 3/4" EMT stubs. Accommodates a variety of power outlets (duplex, decorator, GFCI and up to 30A twist lock). Use Wiremold AVIP to provide communications and A/V. Receptacles and wall plates are sold separately. See chart on next page for list of Pass & Seymour® receptacles that were evaluated by UL for use with the box on laboratory bench work surfaces.</p> |
| LBPBHA |  <p>Bottom Housing Unit – One gang 3/4" trade size conduit housing assembly. Assembly includes junction box and 3/4" trade size fitting to attach to 3/4" trade size conduit for power connections. See chart on next page for list of Pass & Seymour® receptacles that were evaluated by UL for use with the box on laboratory bench work surfaces.</p> |

| PART NO. | DESCRIPTION |
|-----------------|---|
| LBP-MAAP |  <p>Lab Bench MAAP Plate – Plate is finished black to match Wiremold AVIP devices. Used to provide communication and A/V services.</p> |
| LBP-AAP |  <p>Lab Bench AAP Plate – Plate is finished black to match Extron® Electronics AAP devices.</p> |

Lab Bench Pedestal Table Boxes & Compatible Pass & Seymour® Devices

GFCI Devices

| Straight Blade GFCI | Tamper Resistant GFCI | PlugTail GFCI | Hospital Grade GFCI | PlugTail Hospital Grade GFCI | Deadfront GFCI |
|---------------------|-----------------------|---------------|---------------------|------------------------------|----------------|
| 1595 | 1595NTLTR | PT1595 | 1595HG | PT1595HG | 2085 |
| 2095 | 1595TR | PT1595NTLTR | 1595HGNTLTR | PT1595HGNTLTR | |
| 1595DSWR | 1595TRS | PT1595TR | 1595HGTR | PT1595HGTR | |
| 1595R | 1595TRWR | PT2095 | 2095HG | PT2095HG | |
| 1595S | 2095NTLTR | PT2095NTLTR | 2095HGNTLTR | PT2095HGNTLTR | |
| 2095DSWR | 2095TR | PT2095TR | 2095HGTR | PT2095HGTR | |
| 2095S | 2095TRS | | | | |
| 2095TRWR | | | | | |

Hospital Grade Devices

| Hospital Grade GFCI | PlugTail Hospital Grade GFCI | PlugTail Hospital Grade | Isolated Ground | 15A Hospital Grade | 20A Hospital Grade |
|---------------------|------------------------------|-------------------------|-----------------|--------------------|--------------------|
| 1595HG | PT1595HG | PT8200 | IG26262HG | 8200 | 8300 |
| 1595HGNTLTR | PT1595HGNTLTR | PT8200IL | IG26362HG | 8201 | 8301 |
| 1595HGTR | PT1595HGTR | PT8300 | IG8200 | 26222HG | 8800 |
| 2095HG | PT2095HG | PT8300IL | IG8300 | 26262HG | 8801 |
| 2095HGNTLTR | PT2095HGNTLTR | PTTR62H | IG8301 | 8200H | 26322HG |
| 2095HGTR | PT2095HGTR | PTTR63H | IG8800 | 8200IL | 26362HG |
| | PTTR8200 | TRIG26262HG | PS8200H | 8300H | |
| | PTTR8300 | TRIG26362HG | PS8200HS | 8300IL | |
| | | TRIG8200 | TR26262HG | PS8300H | |
| | | TRIG8300 | TR62H | PS8300HS | |
| | | | | TR26362HG | |
| | | | | TR63H | |

Straight Blade Devices

| Tamper Resistant | 15A Devices | 20A Devices | 15A Weather & Corrosion Resistant | 20A Weather & Corrosion Resistant | TR USB |
|------------------|-------------|-------------|-----------------------------------|-----------------------------------|---------|
| TR15 | 5251 | 5351 | CR15 | CR20 | TM8-USB |
| TR20 | 5261 | 5361 | CR6207 | CR6307 | |
| TR26261 | 5262 | 5362 | CRB5262 | CRB5362 | |
| TR26262 | 5290 | 5850 | CRB5262S | CRB5362S | |
| TR26361 | 5651 | 5851 | WR5262 | WR20TR | |
| TR26362 | 5662 | 5862 | WR5662 | WR5362 | |
| TR5251 | 5671 | 5871 | | WR5862 | |
| TR5262 | 6207 | 5890 | | | |
| TR5351 | 26252 | 6307 | | | |
| TR5362 | 26652 | 26352 | | | |
| TR62 | 26661 | 26852 | | | |
| TR63 | 5262A | 26861 | | | |
| WR20TR | 5662A | 5362A | | | |
| PS5262 | 5862A | | | | |
| | PS5362 | | | | |

Isolated Ground Devices

| Hospital Grade IG | Locking IG | 15A Isolated Ground | 20A Isolated Ground |
|-------------------|------------|---------------------|---------------------|
| IG26262HG | IG4700 | TRIG26262 | TRIG26362 |
| IG26362HG | IG4710 | TRIG5262 | TRIG5362 |
| IG8200 | IGL520R | IG26262 | IG26362 |
| IG8300 | IGL530R | IG5261 | IG5361 |
| IG8301 | IGL620R | IG5262 | IG5362 |
| IG8800 | IGL630R | IG5662 | IG5862 |
| TRIG26262HG | IGL1420R | | |
| TRIG26362HG | IGL1430R | | |
| TRIG8200 | IGL1520R | | |
| TRIG8300 | IGL1530R | | |
| IGL2120R | | | |
| IGL2130R | | | |

PlugTail Receptacles

| PlugTail GFCI | PlugTail Hospital Grade | PlugTail Hospital Grade GFCI | PlugTail TR Grade | PlugTail 15A & 20A |
|---------------|-------------------------|------------------------------|-------------------|--------------------|
| PT1595 | PT1595HG | PT8200 | PTTR5262 | PT5262A |
| PT1595NTLTR | PT1595HGNTLTR | PT8200IL | PTTR5262SC | PT5362A |
| PT1595TR | PT1595HGTR | PT8300 | PTTR5362 | |
| PT2095 | PT2095HG | PT8300IL | PTTR5362SC | |
| PT2095NTLTR | PT2095HGNTLTR | PTTR62H | PTTR62 | |
| PT2095TR | PT2095HGTR | PTTR63H | PTTR63 | |
| | PTTR8200 | | | |
| | PTTR8300 | | | |

Locking Receptacles

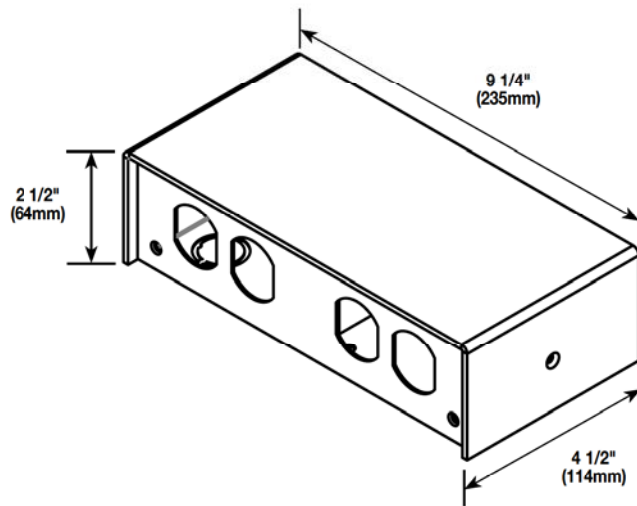
| Turnlok IG | 20A Turnlok | 30A Turnlok |
|------------|-------------|-------------|
| IG4700 | 7310 | 3330 |
| IG4710 | 7410 | 3430 |
| IGL520R | CRL520R | 3330G |
| IGL530R | L1020R | CRL530R |
| IGL620R | L1120R | L1030R |
| IGL630R | L1420R | L1130R |
| IGL1420R | L1520R | L1430R |
| IGL1430R | L1820R | L1530R |
| IGL1520R | L2120R | L1830R |
| IGL1530R | L520R | L2130R |
| IGL2120R | L620R | L530R |
| IGL2130R | L630R | |

Isoduct® 4-Gang Lab Bench Table Boxes

Isoduct® 4-Gang Lab Bench Table Boxes (AL241S-HB) provide high capacity power and communication services in a sleek contemporary styling with a clear, anodized aluminum finish. Each unit comes with both a front-to-back and side-to-side divider that allows either power and data to be on one side, or all power on one side and all data on the other providing maximum flexibility and accessibility on either side of a desk or lab bench. Unit can also be used without any partitions and house all power or all data. The communication faceplates accommodate Pass & Seymour Activate™ and Wiremold Communication Modular Inserts for UTP, fiber, coax, audio, and video applications. The satin anodized aluminum finish makes the unit an attractive complement to the Isoduct Series Raceway in laboratory settings and can be used on laboratory furniture where shelving is not present to secure horizontal raceway. The unit also helps to comply with ADA requirements to make power and data more accessible to all users. Combination 1/2" and 3/4" conduit knockouts on the bottom provide easy accessibility.



Isoduct® 4-Gang Lab Bench Table Box (AL241S-HB) installed on a work surface.



CODE REFERENCE

cULus Listed Metallic Outlet Boxes:
File E2961, Guide QCIT
Listed to US and Canadian Safety
Standards

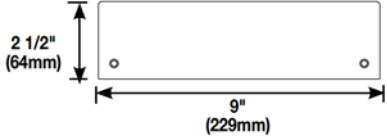
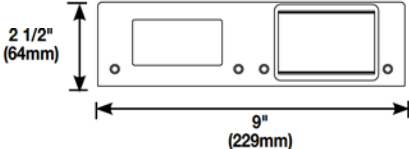
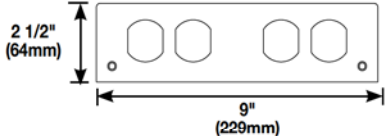
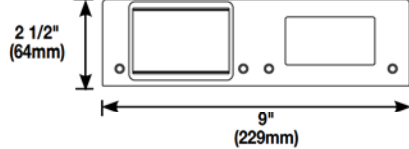
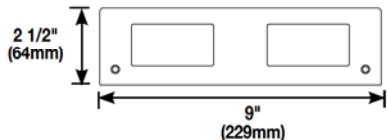
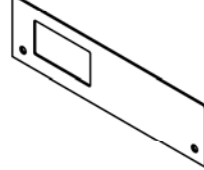
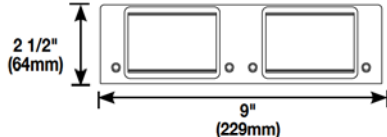
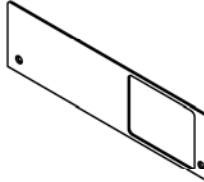
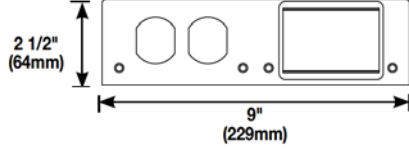
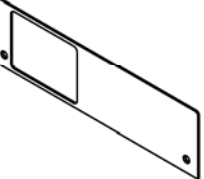
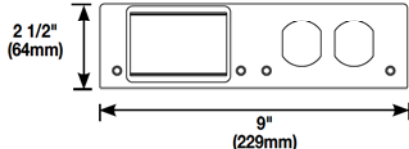
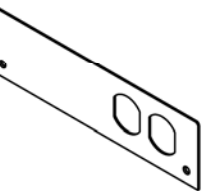
AL241S-HB PEDESTAL TABLE BOXES COLOR OPTIONS

Lab Bench Table Boxes are available in a clear anodized aluminum finish.

AL241S-HB Base Unit Ordering Information

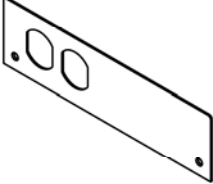
| CATALOG NUMBER | DESCRIPTION | |
|------------------|--|--|
| AL241S-HB | Housing and Base – Order part number AL241S-HB for the base unit, which is shipped unassembled with both a front-to-back and side-to-side divider. Combine with faceplates to complete pedestal assembly. | |

Isoduct® 4-Gang Lab Bench Table Boxes Faceplate Ordering Information

| PART NO. | DESCRIPTION | PART NO. | DESCRIPTION |
|---|---|--|--|
| AL241FPB-B | Blank Faceplate – Two-gang, blank faceplate. | AL241FPDEC-6A | GFCI/Surge & Activate (rule of six) Faceplate – Two-gang faceplate with one GFCI/Surge and one Activate device opening. Activate adapter included. |
|  | |  | |
| AL241FPD-D | Double Duplex Faceplate – Two-gang faceplate with two duplex receptacle openings. | AL241FP6A-DEC | Activate & GFCI/Surge (rule of six) Faceplate – Two-gang faceplate with one Activate and one GFCI/Surge device opening. Activate adapter included. |
|  | |  | |
| AL241FPDEC-DEC | Double GFCI/Surge Faceplate – Two-gang faceplate with two surge suppression device openings. | AL241FPDEC-B | Decorator/Blank Faceplate – Two-gang faceplate with one decorator device opening and one blank. |
|  | |  | |
| AL241FP6A-6A | Double Activate (rule of six) Faceplate – Two-gang faceplate with two Activate device openings. Two Activate adapters included. | AL241FPB-6A | Blank/Communication Faceplate – Two-gang faceplate with one blank and one Ortronics® or Wiremold Open System communication module opening. |
|  | |  | |
| AL241FPD-6A | Duplex & Activate (rule of six) Faceplate – Two-gang faceplate with one duplex and one Activate device opening. Activate adapter included. | AL241FP6A-B | Communication/Blank Faceplate – Two-gang faceplate with one Ortronics® or Wiremold Open System communication module opening and one blank. |
|  | |  | |
| AL241FP6A-D | Duplex & Activate (rule of six) Faceplate – Two-gang faceplate with one Activate and one duplex device opening. Activate adapter included. | AL241FPB-D | Blank/Duplex Faceplate – Two-gang faceplate with blank on the left side and duplex device opening on the right side. |
|  | |  | |

Isoduct® 4-Gang Lab Bench Table Boxes Faceplate Ordering Information (continued)

| PART NO. | DESCRIPTION |
|-------------------|--|
| AL241FPD-B | Duplex/Blank Faceplate – Two-gang faceplate with a duplex device opening on the left side and a blank on the right side. |



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