

# international electrics

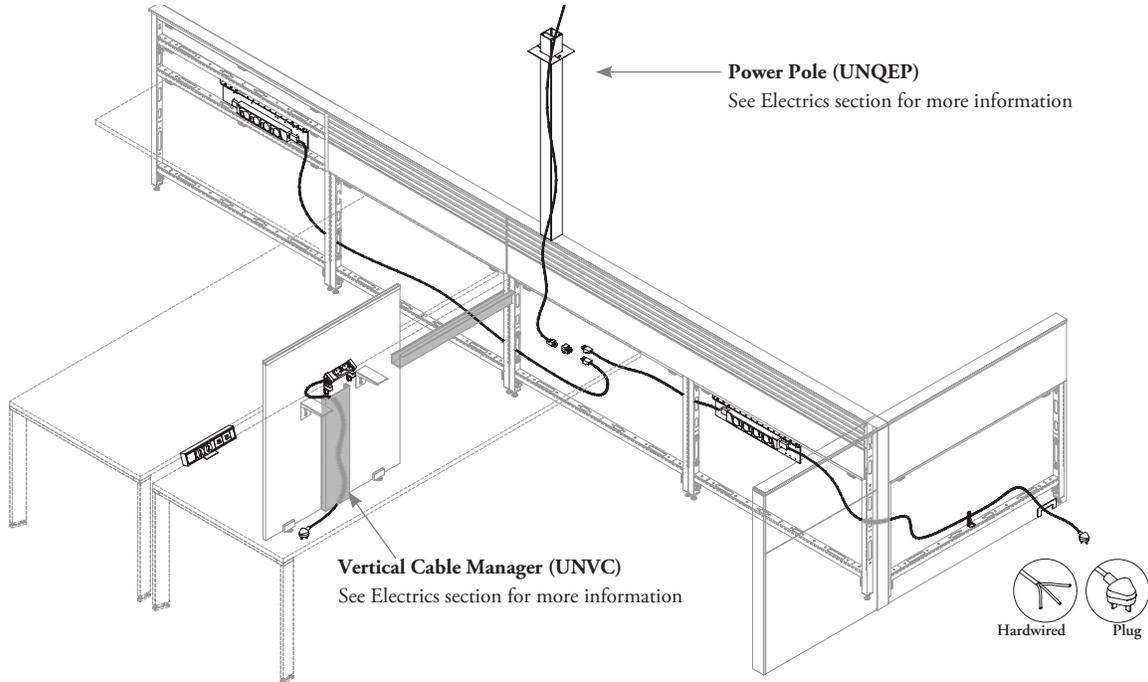
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## international electrics basics

District is available with electrical components specific to District, including CALA electrics.

- International Electrics are a single circuit, 3 wire directional system
- Power outlet types are available for different regions and have options for fuses and switches



### CALA Power Module (VBCD)

Provides access to power in CALA applications

- Includes the attachment bracket

#### Applications:

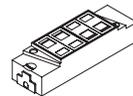
- DA Double Duplex, One Sided
- DB Double Duplex, Back to Back
- SA Single Duplex, One Sided
- SB Single Duplex, Back to Back

#### Outlet Configurations

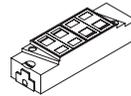
- Single Duplex
  - 003 Three Data
  - 200 Two Power
  - 120 One Power and One USB
- Double Duplex
  - 203 Two Power and Three Data
  - 400 Four Power
  - 320 Three Power and One USB

#### Country of Installation:

- R Argentina
- N Brazil
- L Chile



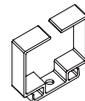
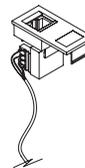
Four Shutters



Four Blank Fascias

### Voice & Data Box (VVD) and Voice & Data Box Outlets (VDO)

- The voice data box provides the user with access to communications and data cable
- Comes complete with blanks and shutters
- The data box outlets are inserted into the voice and data box
- Mounts to a Power Mounting Bracket (UNXB)



### Screen Mounted Outlet Box Bracket (UNXSE)

- Used to casually mount an outlet box to a screen, a modesty panel, storage or underside of worksurface
- Used in combination with an Input Power Cable (VEP)



### District CALA Jumper Power Harness (VBPH)

Routes power between CALA power modules

#### Length

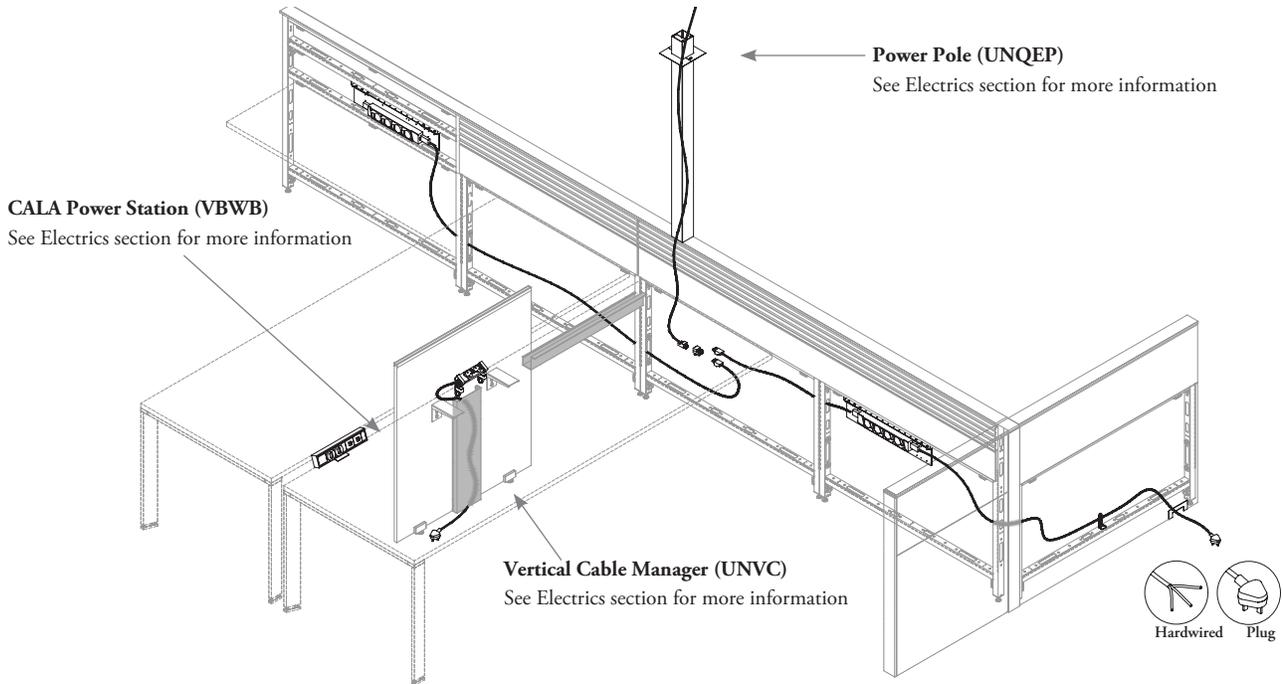
- 200 mm



### Interconnecting Power Cable (VCC)

- Routes power between outlet boxes or distribution block in panel and carries to next panel wall

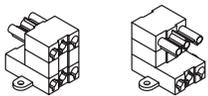
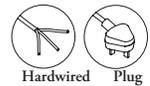
# international electrics basics (continued)



**CALA Power Station (VBWB)**  
See Electrics section for more information

**Power Pole (UNQEP)**  
See Electrics section for more information

**Vertical Cable Manager (UNVC)**  
See Electrics section for more information



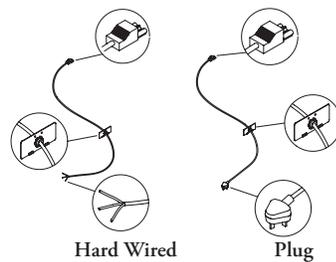
**Distribution Block**



**Cover Cap**

**Distribution Block (VACEB) and Cover Cap (VACEC)**

- The distribution box redirects power distribution in up to three directions
- Complete with one male connector (in) and three female connectors (out)
- Is placed inside panel wall without fasteners
- The Cover Cap is a safety cover for non utilized female terminals on an Outlet Box (VED) or Distribution Block (VACEB)

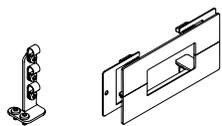


**Hard Wired**

**Plug**

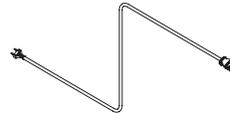
**Input Power Cable (VEP)**

- Brings power from the building or ceiling to either a panel wall where it is routed to an outlet box or to a desk where it is routed through wire managers to casually mounted power
- Available with two cable ends, hardwire or plug



**Base Feed Mounting Kit (UNXPFR)**

- Includes a strain relief bracket and a cover plate that is attached to the panel and conceals the opening where an Input Power Cable (VEP) or voice/data enters the panel wall



**CALA Power In Feed (VBPD)**

- Routes power from the building or ceiling in CALA applications

**Length:**  
1800 mm

**Country of Installation:**  
R Argentina  
N Brazil  
L Chile



**CALA Power Station (VBWB)**

Mounts to a worksurface to provide power

**Outlet Configurations:**

- Double duplex
- (202) Two Power and Two Data
- (400) Four Power
- (320) Three Power and One USB

**Country of Installation:**

- R Argentina
- N Brazil
- L Chile

**Cord Length:**  
1800 mm

**Finishes**

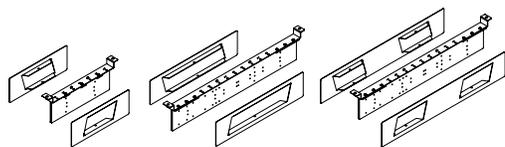
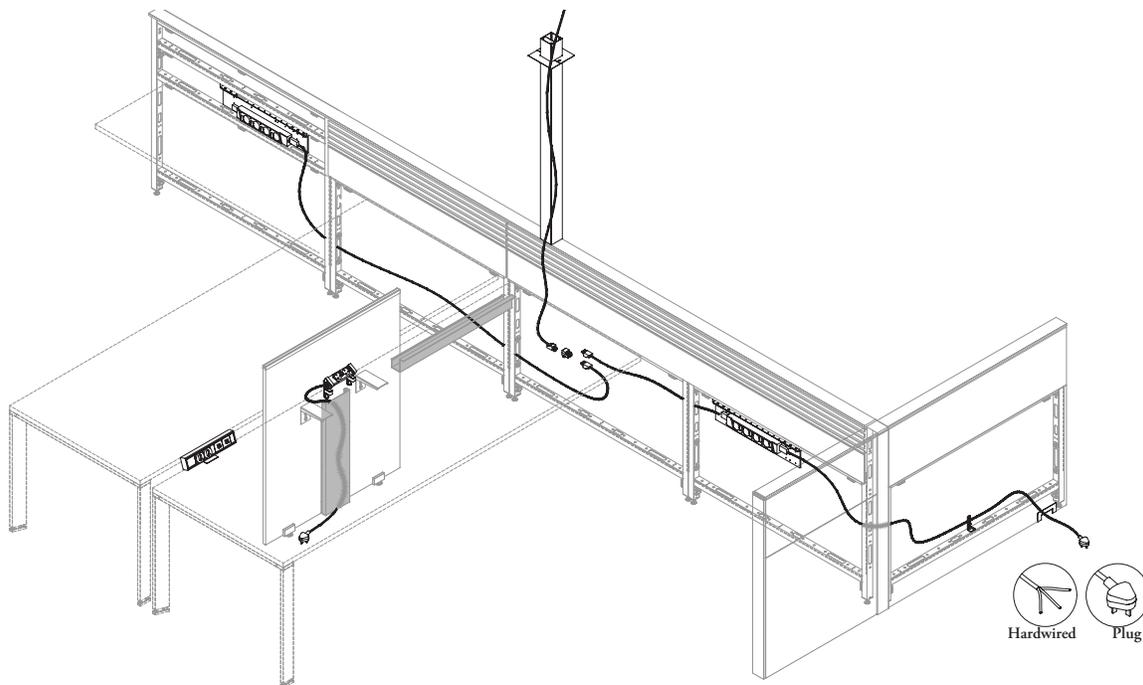
**Receptacle Finish:**  
Ebony Coordinate  
Very White Coordinate

**Clamp Finish:**  
Clear Anodized Aluminum

## international electrics basics (continued)

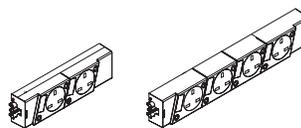
District utilizes standard International Electric components, as well as District specific components

- International Electrics are a single circuit, 3 wire directional system
- Power outlet types are available for different regions and have options for fuses and switches



### Panel Mount Outlet Box Bracket (UNXBR)

- Used to attach an Outlet Box (VED) and Voice & Data Box (VVD) to a panel wall
- Available in above and below worksurface versions
- Available for two outlets, for four outlets or for two outlets and a data box
- The same bracket allows for single or double-sided mounting of outlet brackets (specify fascias accordingly)
- Compatible with a standard or elevated panel
- A 1" gap along the worksurface and grommets permit component wire passage to outlets below the worksurface

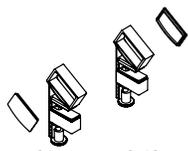


Two Outlets

Four Outlets

### Outlet Box (VED)

- Provides access to power above and below worksurface
- Can be mounted onto a panel with a Power Mounting Bracket (UNXB) or to the edge of a worksurface, see Desk Mounting Clips (VACB6)
- Power outlets have a socket angle of 15°
- Panel mounted access is below worksurface height at 25", flush with the panel wall face
- Faceplates are included with outlets and voice/data boxes
- The bottom of the faceplate aligns with the top of a low credenza
- Outlets are available; 2x power, 4x data or 4x power



Desk-Mounted Clips  
for Outlet Box

### Desk Mounting Clips (VACB6)

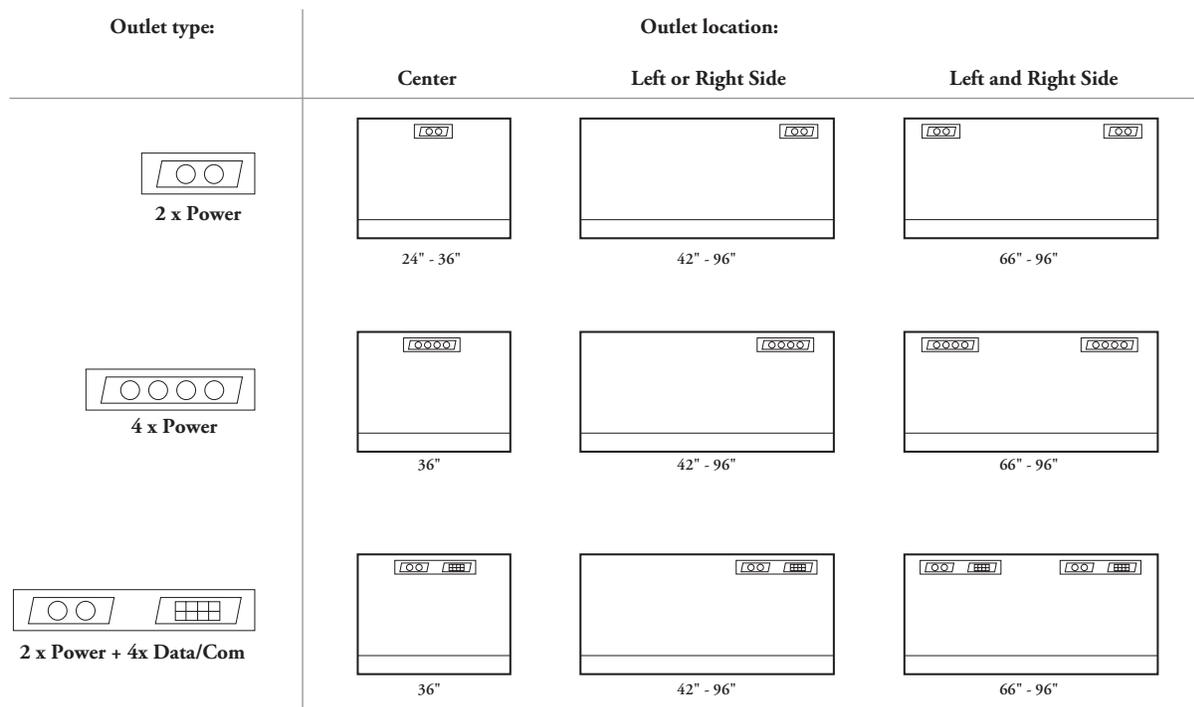
- Used to attach an Outlet Box (VED) or Voice & Data Box (VVD) to the edge of a worksurface
- Fits all sizes of Outlet Boxes (VED) or Voice & Data Boxes (VVD)

# planning with international electrics

International power and data has some unique features that are not found in North American electrics. The examples below demonstrate this.

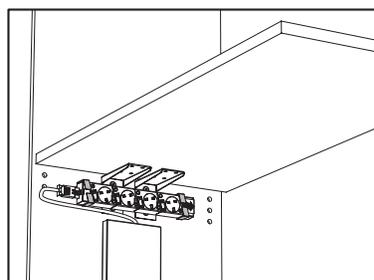
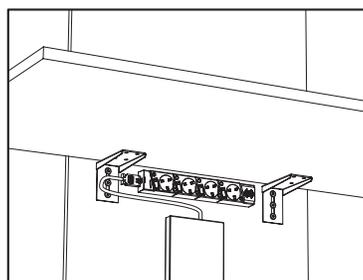
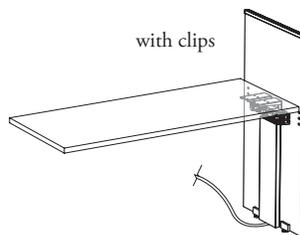
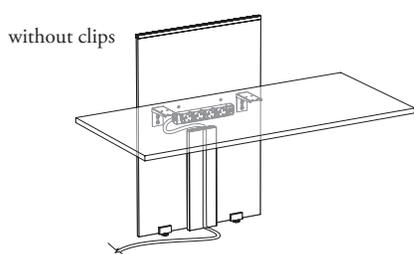
## panel wall

- Outlet locations are located in panel wall centers or at panel edges according to size and fascia specifications



## mounting to floor screens

- When outlets are mounted to floor screens, they are below worksurface height
- Should be installed 2" below the surface, centered on the floor screen width where possible and **not** wider than a 4x power outlet box
- They are attached with the Screen Mount Outlet Box Brackets (UNXSE) or with screws



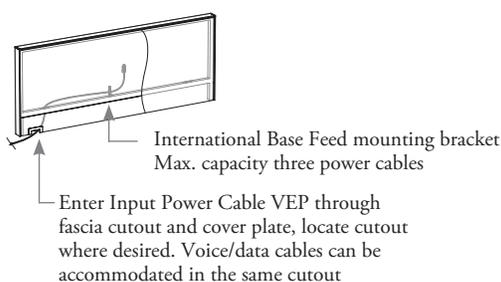
## planning with international electricians (continued)

International power and data has some unique features that are not found in North American electricians. The examples below demonstrate this.

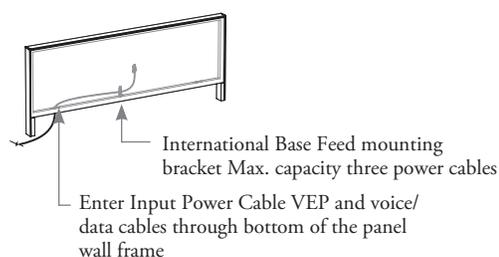
### base feed

- The Input Power Cable (VEP) enters and is secured to a Base Feed Bracket (UNXPF) fastened to the panel wall rail (either standard or elevated)
- On flush panel walls entry is through a cut out to the fascia made on site and finished with the supplied cover plate
- On elevated panel walls the cable enters through an opening in the bottom of the panel wall frame
- Accepts one circuit per cable

#### Flush Panel Wall



#### Elevated Panel Wall



### ceiling feed

- Is available hard wired or with a plug for building connection
- The other end is a female connection
- Compatible with the Off-Module Power Pole and End of Run Power Pole (See Electricians section for more details)

