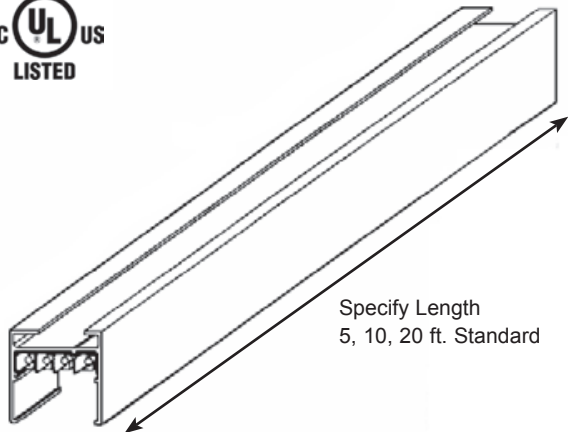


Job Name: Fixture Type: Qty:

Busway System 40amp

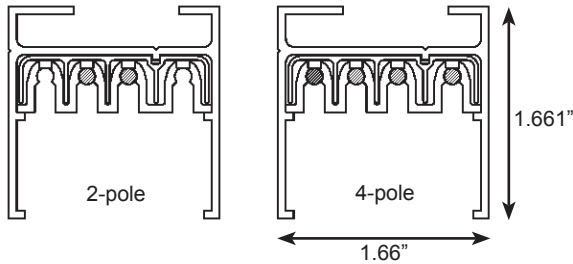


Housing Sections

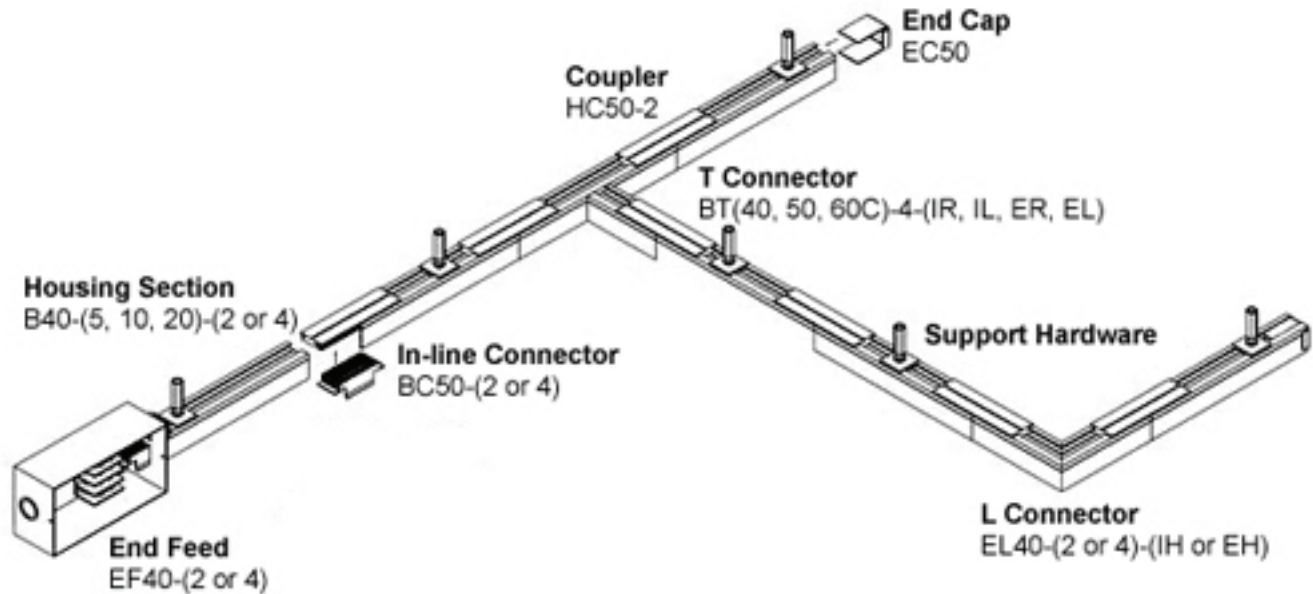
- Extruded aluminum housing acts as a 100% ground path
- Insulated strip contains copper conductors
- 2 and 4 pole, 40amp, 480/277-volt max.
- Support spacing 10 ft., supports 75 lbs.
- Continuous access slot in housing for snap-in plug-in units
- Can be rod or cable suspended, surface or recessed mounted
- Easily extended, removed or relocated
- Voltage drop at 0.8PF Single Phase is 45 ft.
- Voltage drop at 0.8PF Three Phase is 32 ft.

	2-pole	4-pole
5 ft. section	B40-5-2	B40-5-4
10 ft. section	B40-10-2	B40-10-4
20 ft. section	B40-20-2	B40-20-4

End section can be field cut to any length.

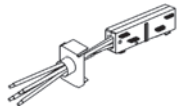


Sample Layout



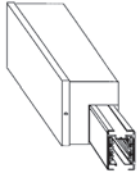
Last updated 08/11/2009.

Power Feeds



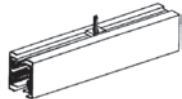
End Feed

Consists of a steel junction box with removable side, a connector to insert into the busway run and terminal block for field connections. Unit is bolted to first busway section. Rated at 480/277-volts.



End Feed Concealed

Provides inconspicuous means for connecting power. Consists of 1 ft. section of busway with connector mounted inside and wire lead exiting through end cap. 1 in. conduit adapter included.



Center Feed

Consists of a 2 ft. section of busway with connectors at both ends to connect to adjacent busway sections and junction box mounted on top with terminal block for field connection.

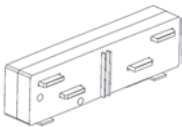


Pendant Wired

Consists of 1 ft. busway section with 1 in. conduit size hole for access to connection leads inside busway. 1 in. conduit mounting adapter included.

	2-pole	4-pole
End Feed	EF40-2	EF40-4
End Feed Concealed	EFC40-2	EFC40-4
Center Feed	CFB40-2	CFB40-4
Pendant Wired	PW40-2	PW40-4

Connectors



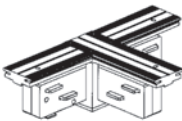
In-line Connector

Used to join sections of busway electrically in a straight line. Connectors are polarized to prevent phase mismatch. 1 coupler required (order separately).



L Connector

Used to join two housing sections together at a 90 degree angle. Connectors are polarized to prevent phase mismatch. 2 couplers required (order separately).



T Connector

Used to join three housing sections together at 90 degree angles in a "T" configuration. Connectors are polarized to prevent phase mismatch. 3 couplers required (order separately).

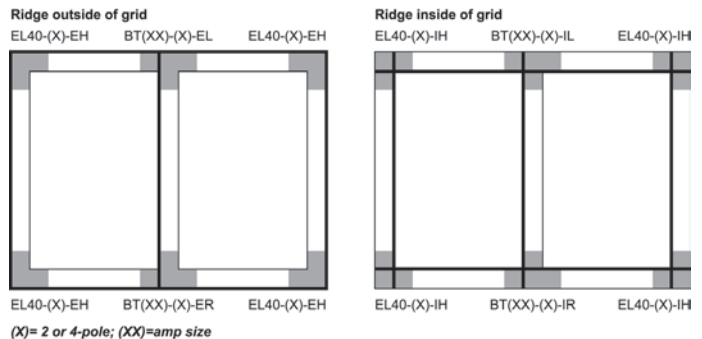


X Connector

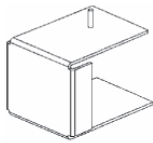
Used to join four housing sections together at a 90 degree angles in an "X" configuration. Connectors are polarized to prevent phase mismatch. 4 couplers required (order separately).

	2-pole	4-pole
In-line Connector	BC50-2	BC50-4
L Connector (internal hor.)	EL40-2-IH	EL40-4-IH
L Connector (external hor.)	EL40-2-EH	EL40-4-EH
T Connector (internal right)		BT40-4IR
T Connector (internal left)		BT50-4IL
T Connector (external right)		BT60C-4ER
T Connector (external left)		BT60C-4EL
X Connector	X40-2	X40-4

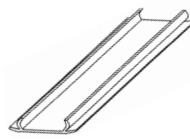
For proper "L" and "T" connector selection please refer to diagram.



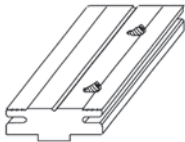
Accessories



EC50 End Cap
For insulation of female end of busway.

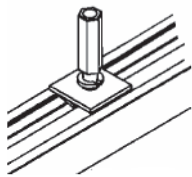


CS50 Closure Strip
Closure strip used to close the continuous access slot of the busway. It may also be used for aesthetic purposes such as, keeping debris from entering the busway, or as an added safety measure. Can be field cut.

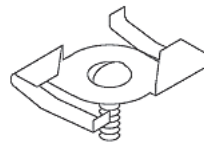


HC50-2 Couplers
For concealed connecting busway sections.

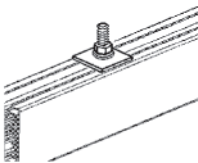
Support Hardware



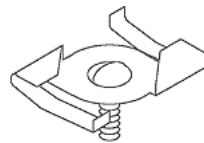
RHB-3 Threaded Rod Hanger
For mounting to 3/8 to 1/2" threaded rod. Can be inserted anywhere along top slot of busway. Typical hanger support spacing every 10 ft.



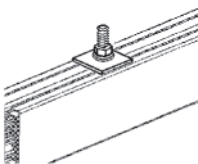
ACH-1 T-Bar Suspension 1/16"
1/16" cable. For mounting to inverted T-bar. Clip locks onto T-bar and busway connected to stud on clip.



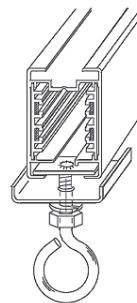
THB-3 Standard Hanger 3/8"
3/8" stud. For mounting to strut or other flat surfaces. Twist-in design allows inserting anywhere along top slot.



ACH-2 T-Bar Suspension 3/32"
3/32" cable. For mounting to inverted T-bar. Clip locks onto T-bar and busway connected to stud on clip.



THB-1/4 Standard Hanger 1/4"
1/4" stud. For mounting to strut or other flat surfaces. Twist-in design allows inserting anywhere along top slot.

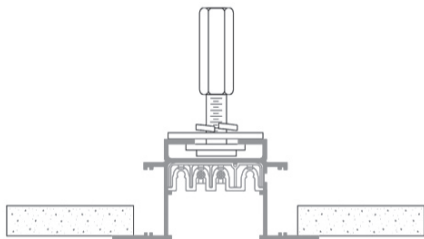


WHR-1 Weight Hook
Can be used as a hanger to suspend busway from chains or cables. Can also be used to hang loads up to 50 lbs. under the busway, such as lighting fixtures, tools and balancers.

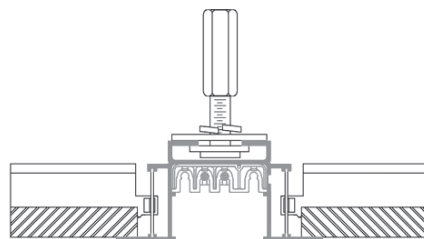


RHB-3 Cable Suspension
For mounting to 1/16" or 3/32" aircraft cable with easy grip clamp assembly. Cable not included.

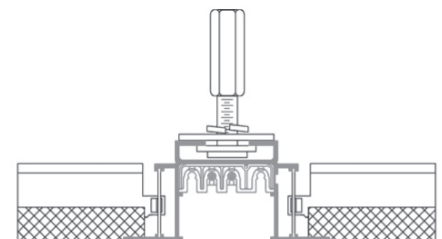
Suspended Ceilings



Dry Wall
Add "R" for "recessed" to basic housing part number. Example: B40R-20-2.

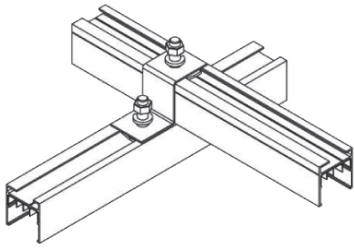


Standard Tile
Add "R" for "recessed" to basic housing part number. Example: B40R-20-2.



Tegular Tile
Add "R" for "recessed" to basic housing part number. Example: B40R-20-2.

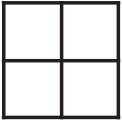
Grid Layout



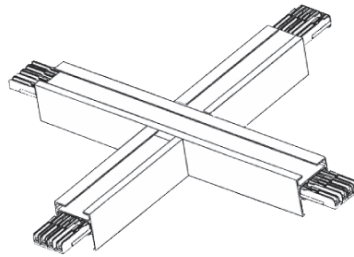
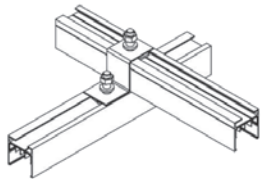
Two Plane (over-under)

The most economical method for providing single, two or three phase power in both directions. Use simple straight runs with power feeds from either end.

Electrical Path (Indicated by thick black line.)



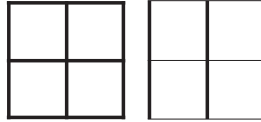
GB50-OU2 Crossover Bracket



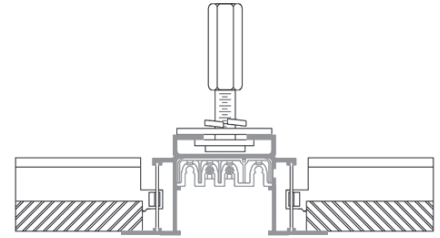
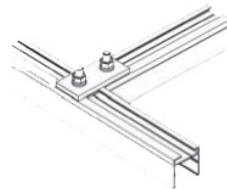
Single Plane (open ceiling)

Can provide single, two-phase or three-phase power on the same plane over the entire grid layout (both directions) or in one direction only. Ideal for isolating assigned grid sections.

Electrical Path (Indicated by thick black line.)



GB50-SP2 Two-Hole Bracket



Single Plane (drop ceiling)

T-bar ceiling extrusion is designed to replace the main runner. Extrusion allows for hardware, joining hardware and t-bar clips and cross t's of the acoustical tile system. Designate "R" for "recessed." Example: B40R.

GB50-SP2 Two-Hole Bracket
GB50-SP3 Three-Hole Bracket

