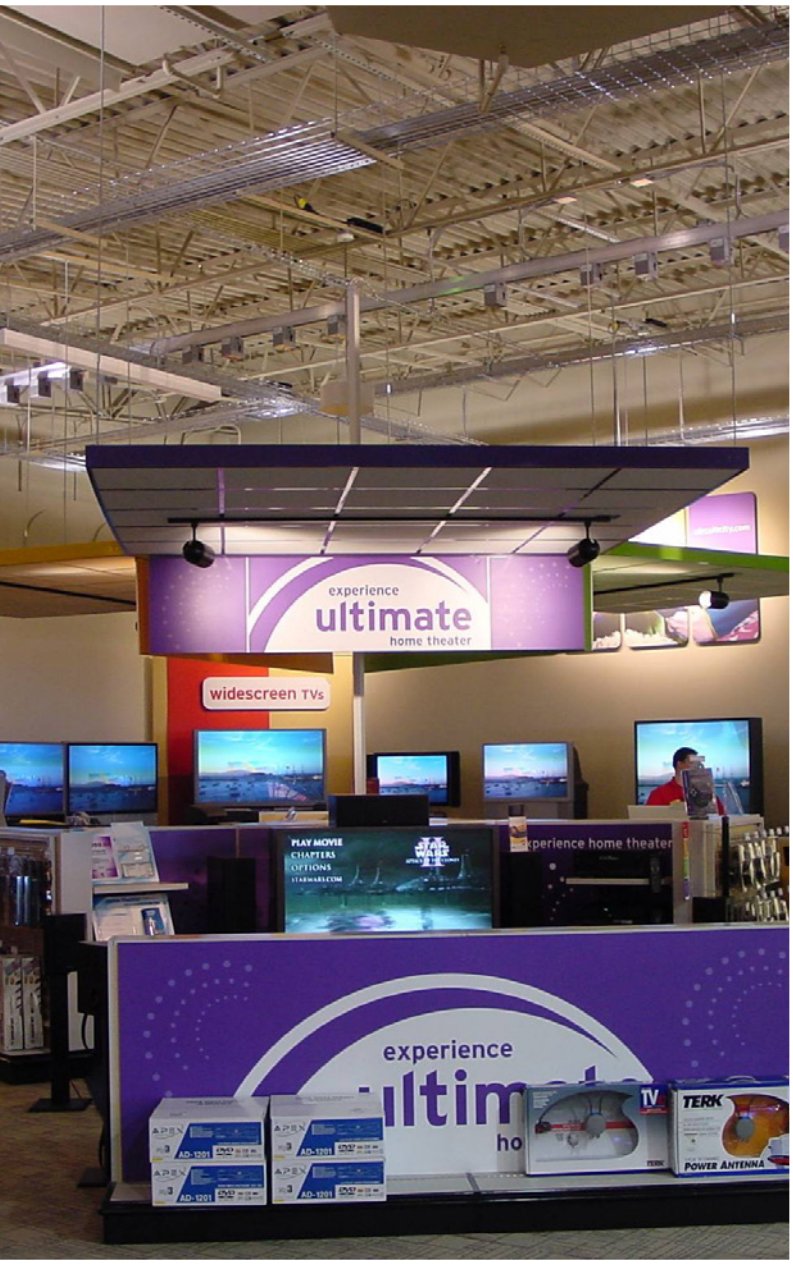
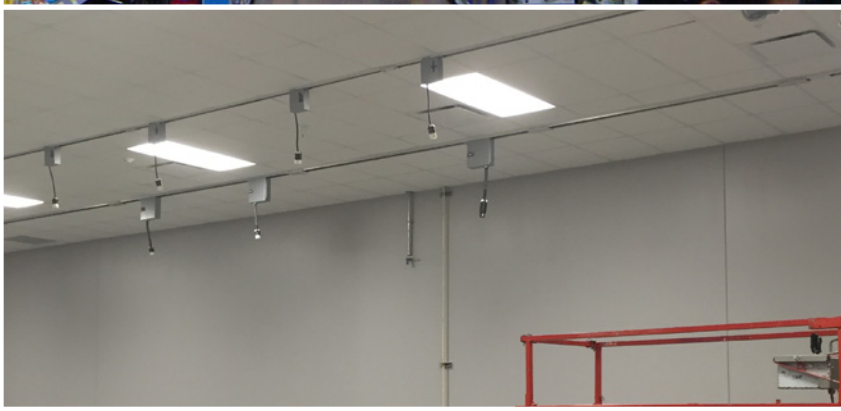
TRACK BUSWAY PRODUCT SELECTION GUIDE





Starline®
A brand of legrand®

60-100T2 US SYSTEMS

SPECS & INTRODUCTION

Specs

This specification covers the electrical characteristics and general requirements for a track busway system, hereafter referred to as (Track Busway or busway). The system shall be designed primarily for overhead distribution of electrical power. Supporting designated work areas and equipment. Once installed the busway will provide a simple, versatile, fast and economic means of distributing power. Loads fed from a variety of plug-in units can be easily added or removed without shutting power down to the busway.

Track Busway shall be designed and manufactured to the following standards:

1. Underwriters Laboratories Standard, UL 857 – The common UL, CSA, and ANCE Standard for Busways that is derived from the fifth edition of CSA Standard C22.2 No. 27, the twelfth edition of UL 857, and the second edition of NMX-J-148-1998-ANCE.

*All standards and certifications available upon request

Introduction

Starline is the leader in electrical power distribution in the mission critical, commercial and light industrial industries with Starline Track Busway. This system was designed to meet the rugged specification of the UL857, Busway and Associated Fittings, with the flexible features of track lighting - and is available in systems with 60 or 100 amps with isolated ground.

It is the simple, versatile, fast and economical solution for supplying power to electrical loads and is unique because the busway can be instantly tapped at any location, with a variety of plug-in units.

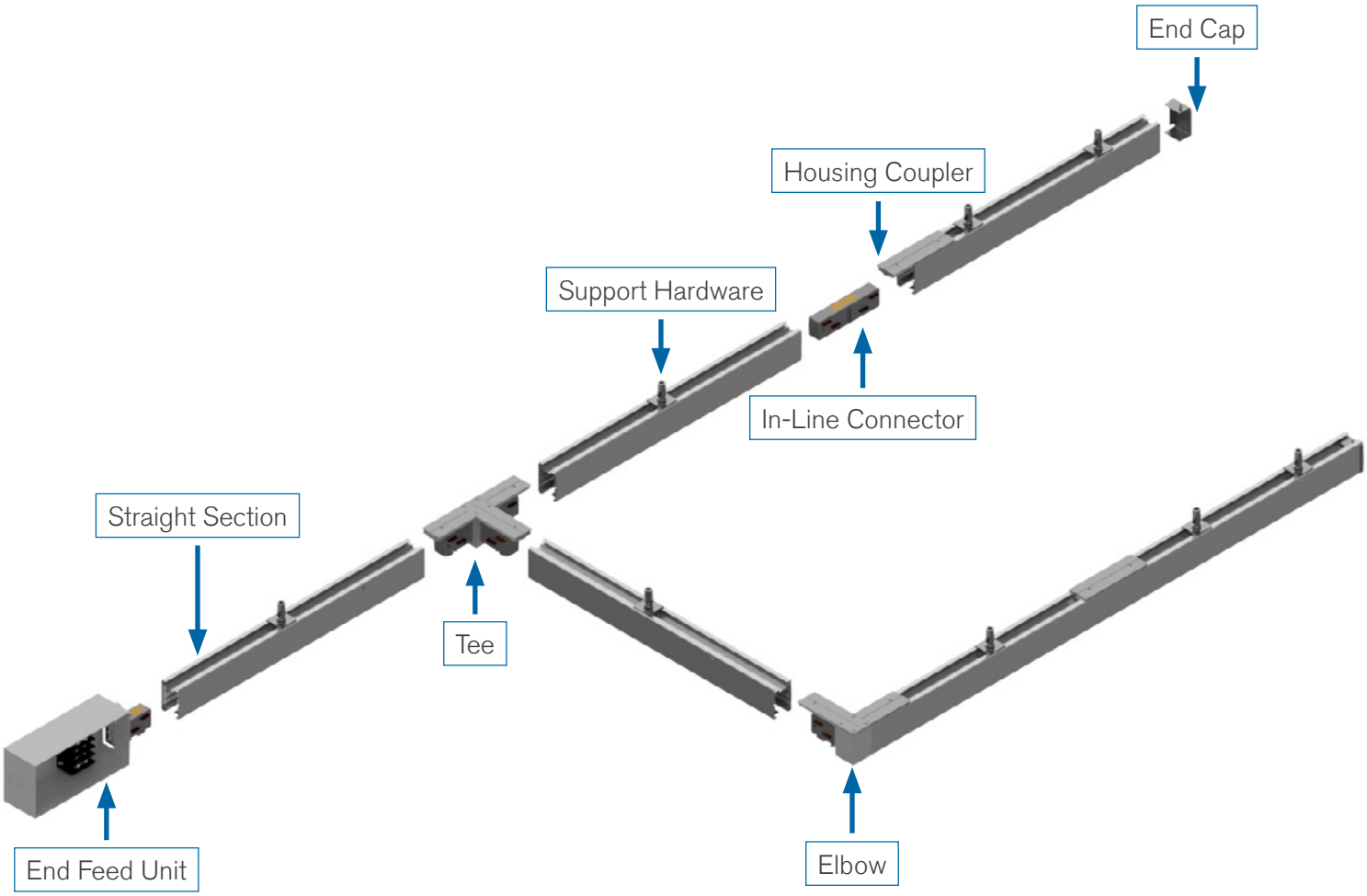
The Product Selection Guide was developed to help the design engineer understand and consider all of the options available with Starline Track Busway when designing a system.

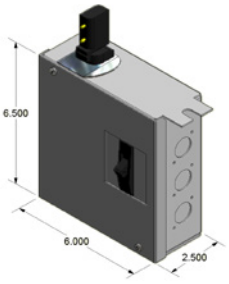
This guide is all-inclusive; however, Starline excels at collaborating with design engineers to provide solutions for any application. If you have a need that is not found in this guide, please contact us at **1-800-245-6378**. We will be happy to answer your questions over the telephone or schedule a visit with one of our local representatives.

Also, if viewing this guide in print, please keep in mind that this is a working document. Starline reserves the right to change information and descriptions of listed services and products. The latest version of this guide is available for download at **downloads.starlinepower.com**.

TABLE OF CONTENTS

SYSTEM LAYOUT DRAWING





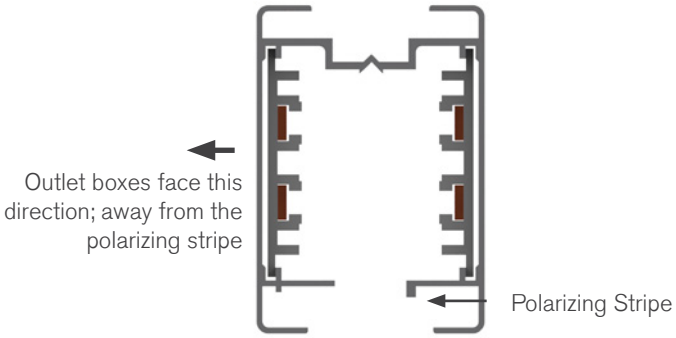
Plug-In Units
For further information on applicable T1 plug-in unit options, please consult the factory.

POLARITY TIPS

Starline utilizes a unique polarizing method to prevent mismatched components from being inadvertently connected to each other. The system is designed to prevent cross phasing during installation.

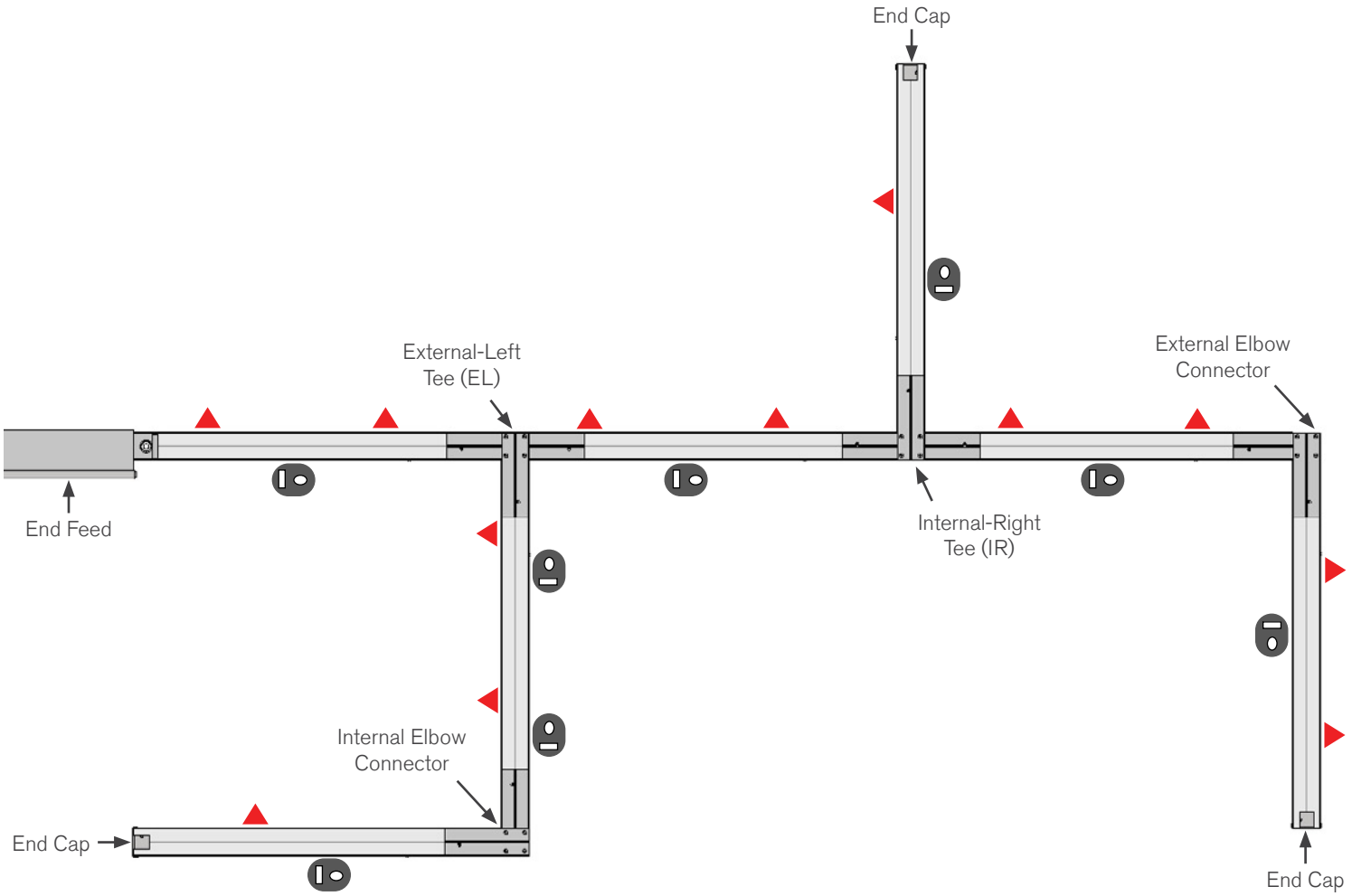
It is particularly important to understand this design concept prior to ordering and/or installing some components.

For example, if the face direction of a Starline plug-in unit is important in your installation consider that they will always face the conductor side.



Polarizing Stripe = ▲

Plug-In Unit Front-Facing Direction =



SYSTEM LAYOUT TIPS

Power Feeds
Determine location of power feeds based on relation to power source, existing feeders and voltage drop concerns for longer runs.

Support Hardware
Support hardware is spaced no more than 10 feet apart. Refer to **page 2.43** for support hardware details. Contact your local Starline applications engineer for any questions.

Installation
Printed installation drawings are supplied with each system shipment and they are also available for download online at **downloads.starlinepower.com**. CAD files of these drawings are also available by contacting your local Starline applications engineer.

Busway Housing Sections
Standard busway lengths are available in 20, 10 and 5-foot increments. Although the factory can cut individual Starline Track Busway sections to any length under 20 feet, it is highly recommended to keep all layout runs in increments of 5 feet to simplify layout and installation. Custom lengths can be made but can increase lead time and make layout and installation a bit more complex.

Busway Tees and Elbows Sections
Try to keep all runs as straight as possible as tees and elbows are added cost. Pay close attention to polarity on the elbows. The polarity will need to match the adjacent busway section(s) to be compatible.

Length of Busway for a One Volt Drop in Line to Line Voltage:			
SYSTEM DESIGNATION	DISTRIBUTED LOAD	VOLTAGE DROP @ 0.8 PF Single Phase	VOLTAGE DROP @ 0.8 PF Three Phase
60T2 (standard)	60 amps	29 ft	51 ft
100T2 (standard)	100 amps	42 ft	72 ft

COMPONENT RELATIONSHIP TIPS

When ordering material, it is important to understand the relationship between various components.

Examples

- No need to add extra Joint Kits for Elbows, Tees, or Crosses, as they are already part of your housing count.
- If using an Above Feed, order a Joint Kit for each Feed.
- General support hardware rule to follow:

10 feet maximum spacing between supports and we recommend 10% more than the required quantity to cover potential layout changes.

- Total Power Feeds and End Caps can be determined by counting the total number of unconnected runs.
- Before specifying or ordering elbow or tee connectors, it is important to understand polarity and the relationship to direction of outlets. Please refer to **page 2.3 Polarity Tips** for more detail.

STRAIGHT SECTIONS

Product Description
Track Busway straight sections consist of an extruded aluminum shell with insulated copper conductor strips mounted on the two opposite interior side walls. The aluminum housing acts as a 100% ground path and each straight has an open access slot over its entire length for the insertion of turn-n-lock plug-in units. The housing configuration is 4 pole in a 300 Volt design. Track Busway housing is connected together using in-line connectors and housing couplers (found under Accessories).

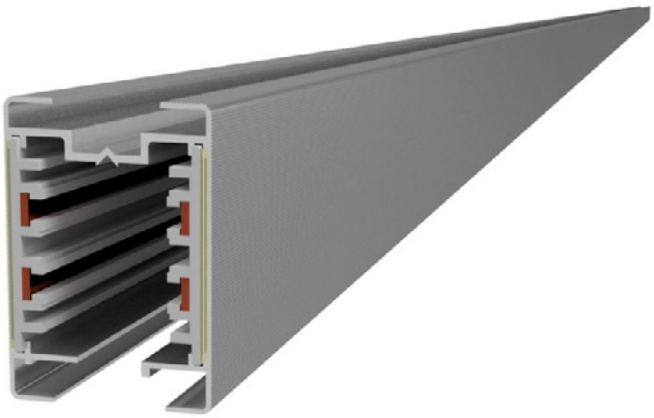
Material
Extruded Aluminum

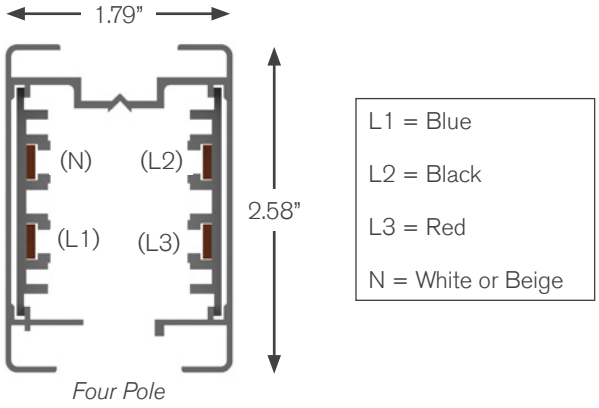
Ratings
100% Ground Path
US: 60 Amp, 480 Volt

Length
5 ft, 10 ft, 20 ft; or custom lengths between 2 - 20 ft

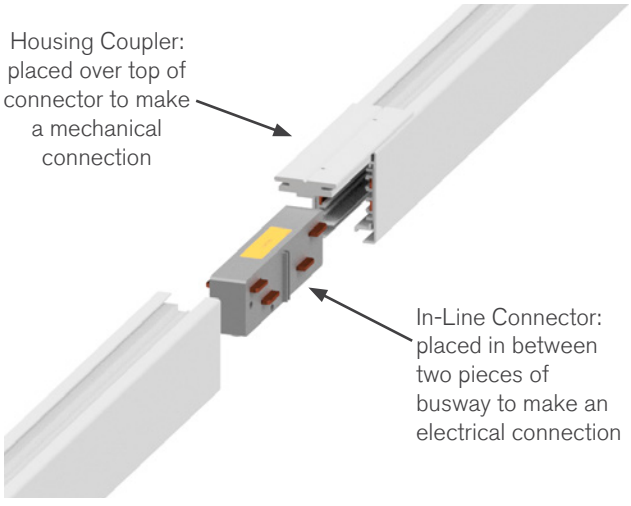
Voltage Drop
Distributed load
Single Phase 29 ft (.8PF)
Three Phase 51 ft (.8PF)

Weight
10 ft 4 pole: 12.5 lbs





Four Pole



STRAIGHT SECTIONS: PRODUCT NUMBERS

U	S	060	T2	C	4	S	-	0200	C
1. System	2. Product Type	3. Product Frame	4. Compatibility	5. Material	6. Neutral/ Ground Busbar	7. Polarization		8. Straight	9. Busway

- **STD0**

10. Paint Color

1. System *(standard of measure)*

U US

2. Product Type *(section component)*

S Straight Section

3. Product Frame *(maximum amperage)*

060 60 amps

4. Compatibility *(frame compatibility)*

T2 T2 System

5. Material *(busbar material)*

C Copper

6. Neutral/Ground Busbar *(size of neutral busbar and/or ground)*

4 3 Phase plus Neutral

7. Polarization *(orientation of section for mating purposes)*

S Standard

8. Straight Length *(length of section)*

XXYY XX=feet, YY=inches

9. Busway Access *(how plugs access the busway)*

C Continuous

10. Paint Color *(allows painting of the busway housing)*

STD0	Factory Mill Finish	**RED0**	Paint Factory Red
BLK0	Paint Factory Black	**BLU0**	Paint Factory Blue
WHT0	Paint Factory White	****RAL (please see page 2.42)**	

EXAMPLES

US060T2C4S-1000C-STD0 *= US System, Straight Section, 60 amps, T2 System, Copper Conductor, 3 Phase plus Neutral, Standard Polarization, 10 foot Straight Length, Continuous Busway Access, Factory Mill Finish*

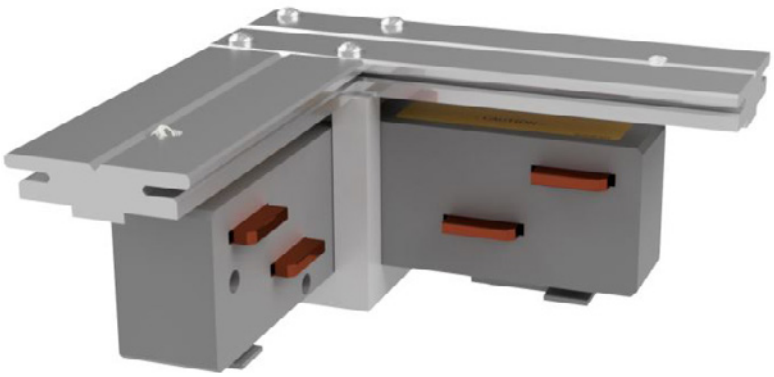
US060T2C4S-0500C-P010 *= US System, Straight Section, 60 amps, T2 System, Copper Conductor, 3 Phase plus Neutral, Standard Polarization, 5 foot Straight Length, Continuous Busway Access, Painted RAL 1001*

ELBOW SECTIONS

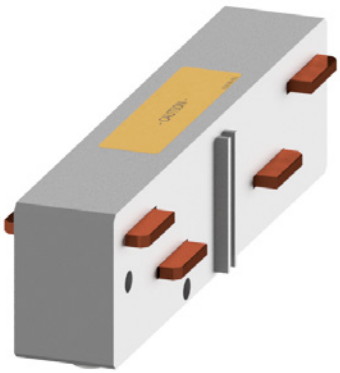
Product Description
Elbow connectors are used for making a 90 degree turn in a 60 amp busway run. Please be aware of polarization issues before making your final selection (refer to **page 2.3 Polarity Tips**).

Elbows are electrically connected to sections of 60 amp busway by means of an in-line connector. The connector is installed by inserting in each end of the housing sections to be joined. Hex head compression screws are tightened to make a reliable connection. All in-line connectors are polarized to prevent phase mismatch.

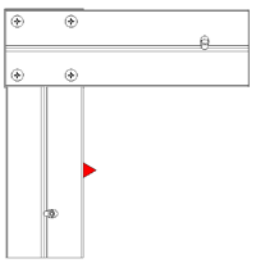
Weight
.5 lbs



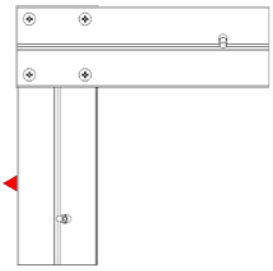
Elbow Connector



In-Line Connector



Internal Elbow



External Elbow

▲ = Polarizing Stripe

ELBOW SECTIONS: PRODUCT NUMBERS

U	E	060	T2	C	4	S	-	IN
1. System	2. Product Type	3. Product Frame	4. Compatibility	5. Material	6. Neutral/ Ground Busbar	7. Polarization		8. Turning Direction

- STD0

9. Paint Color

1. System *(standard of measure)*

U	US

2. Product Type *(section component)*

E	Elbow Section

3. Product Frame *(maximum amperage)*

060	60 amps

4. Compatibility *(frame compatibility)*

T2	T2 System

5. Material *(busbar material)*

C	Copper

6. Neutral/Ground Busbar *(size of neutral busbar and/or ground)*

4	3 Phase plus Neutral

7. Polarization *(orientation of section for mating purposes)*

S	Standard

8. Turning Direction *(direction of section polarizing stripe)*

IN	Internal	**EX**	External

9. Paint Color *(allows painting of the busway housing)*

STD0	Factory Mill Finish	**RED0**	Paint Factory Red
BLK0	Paint Factory Black	**BLU0**	Paint Factory Blue
WHT0	Paint Factory White	****RAL (please see page 2.42)**	

EXAMPLES

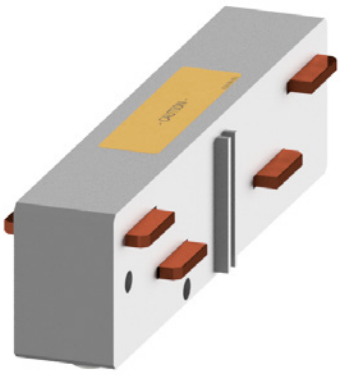
UE060T2C4S-IN-BLK0 *= US System, Elbow Section, 60 amps, T2 System, Copper Conductor, 3 Phase plus Neutral, Standard Polarization, Internal Turning Direction, Painted Factory Black*

UE060T2C4S-EX-STD0 *= US System, Elbow Section, 60 amps, T2 System, Copper Conductor, 3 Phase plus Neutral, Standard Polarization, External Turning Direction, Factory Mill Finish*

TEE SECTIONS

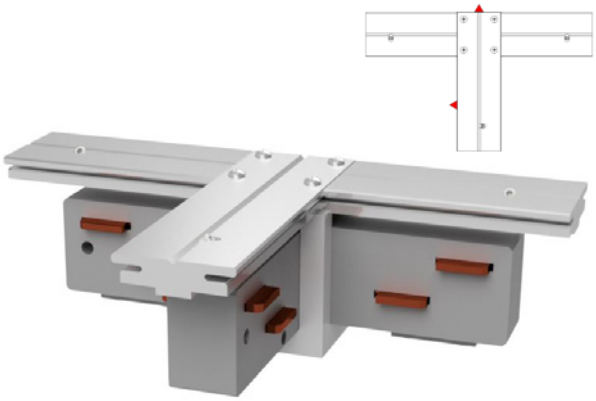
Product Description
Similar to elbow connectors, tee connectors are used for connecting branch housing sections at 90 degrees to the main run. Please be aware of polarization issues before making your final selection (refer to **page 2.3 Polarity Tips**).

Tees are electrically connected to sections of 60 amp busway by means of an in-line connector. The connector is installed by inserting in each end of the housing sections to be joined. Hex head compression screws are tightened to make a reliable connection. All in-line connectors are polarized to prevent phase mismatch.

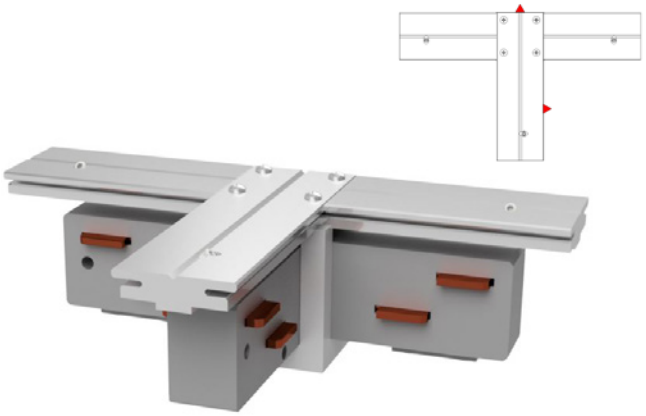


In-line Connector

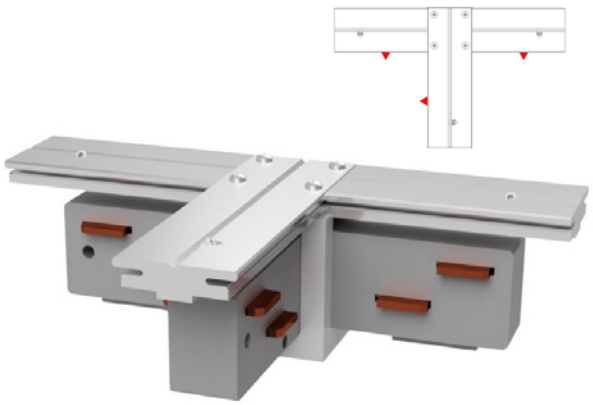
Weight
1 lb



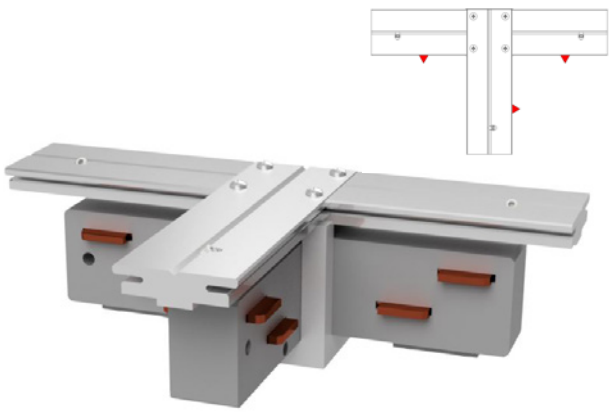
External-Left (EL)



External-Right (ER)



Internal-Left (IL)



Internal-Right (IR)

▲ = Polarizing Stripe

TEE SECTIONS: PRODUCT NUMBERS

U	T	060	T2	C	4	S	-	IR	-	STD0
1. System	2. Product Type	3. Product Frame	4. Compatibility	5. Material	6. Neutral/ Ground Busbar	7. Polarization		8. Turning Direction		9. Paint Color

1. System *(standard of measure)*

U	US

2. Product Type *(section component)*

T	Tee Section

3. Product Frame *(maximum amperage)*

060	60 amps

4. Compatibility *(frame compatibility)*

T2	T2 System

5. Material *(busbar material)*

C	Copper

6. Neutral/Ground Busbar *(size of neutral busbar and/or ground)*

4	3 Phase plus Neutral

7. Polarization *(orientation of section for mating purposes)*

S	Standard	**R**	Reversed

8. Turning Direction *(direction of section polarizing stripe)*

IL	Internal-Left	**EL**	External-Left
IR	Internal-Right	**ER**	External-Right

9. Paint Color *(allows painting of the busway housing)*

STD0	Factory Mill Finish	**RED0**	Paint Factory Red
BLK0	Paint Factory Black	**BLU0**	Paint Factory Blue
WHT0	Paint Factory White	****RAL (please see page 2.42)**	

EXAMPLES

UT060T2C4S-IR-RED0 *= US System, Tee Section, 60 amps, T2 System, Copper Conductor, 3 Phase plus Neutral, Standard Polarization, Internal-Right Turning Direction, Painted Factory Red*

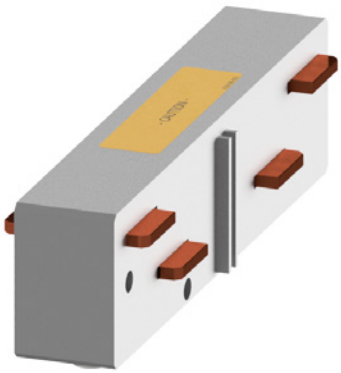
UT060T2C4S-EL-STD0 *= US System, Tee Section, 60 amps, T2 System, Copper Conductor, 3 Phase plus Neutral, Standard Polarization, External-Left Turning Direction, Factory Mill Finish*

CROSS SECTIONS

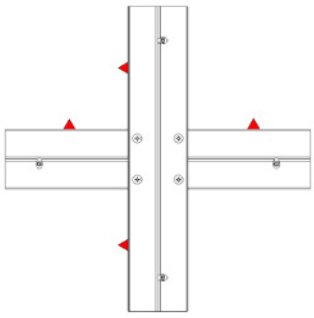
Product Description
Similar to tee connectors, crosses are typically used for grid designs. Please be aware of polarization issues before making your final selection (**refer to page 2.3 Polarity Tips**).

Crosses are electrically connected to sections of 60 amp busway by means of an in-line connector. The connector is installed by inserting in each end of the housing sections to be joined. Hex head compression screws are tightened to make a reliable connection. All in-line connectors are polarized to prevent phase mismatch.

Standard Cross



In-line Connector



▲ = Polarizing Stripe

CROSS SECTIONS: PRODUCT NUMBERS

U	X	060	T2	C	4	S	-	ST
1. System	2. Product Type	3. Product Frame	4. Compatibility	5. Material	6. Neutral/ Ground Busbar	7. Polarization		8. Turning Direction

- **STD0**

9. Paint Color

1. System *(standard of measure)*

U US

2. Product Type *(section component)*

X Cross Section

3. Product Frame *(maximum amperage)*

060 60 amps

4. Compatibility *(frame compatibility)*

T2 T2 System

5. Material *(busbar material)*

C Copper

6. Neutral/Ground Busbar *(size of neutral busbar and/or ground)*

4 3 Phase plus Neutral

7. Polarization *(orientation of section for mating purposes)*

S Standard

8. Turning Direction *(direction of section polarizing stripe)*

ST Standard

9. Paint Color *(allows painting of the busway housing)*

STD0	Factory Mill Finish	**RED0**	Paint Factory Red
BLK0	Paint Factory Black	**BLU0**	Paint Factory Blue
WHT0	Paint Factory White	****RAL (please see page 2.42)**	

EXAMPLES

UX060T2C4S-ST-RED0 *= US System, Cross Section, 60 amps, T2 System, Copper Conductor, 3 Phase plus Neutral, Standard Polarization, Standard Turning Direction, Painted Factory Red*

UX060T2C4S-ST-STD0 *= US System, Cross Section, 60 amps, T2 System, Copper Conductor, 3 Phase plus Neutral, Standard Polarization, Standard Turning Direction, Factory Mill Finish*

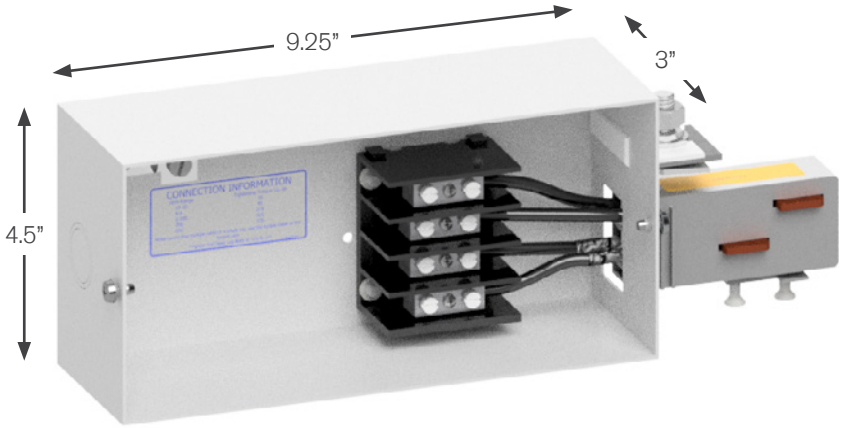
END FEED UNITS

Product Description
With a built-in connector, the end feed units for 60T2 systems consist of a steel junction box with removable side, a terminal block for field connections and an in-line connector already terminated to one side of the terminal block.

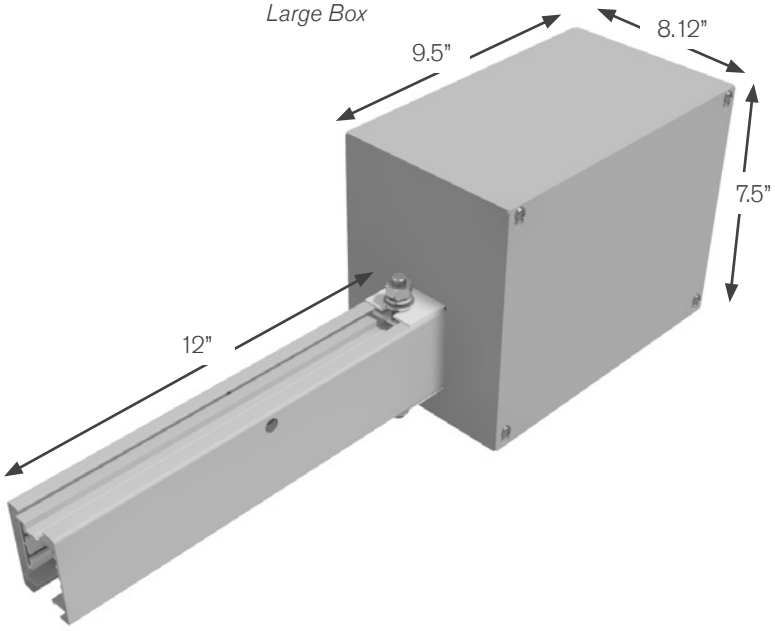
The unit is inserted into the busway and held in position via a bolted connection to the busway.

Weight
Standard box: 3.5 lbs
Large box: 12 lbs

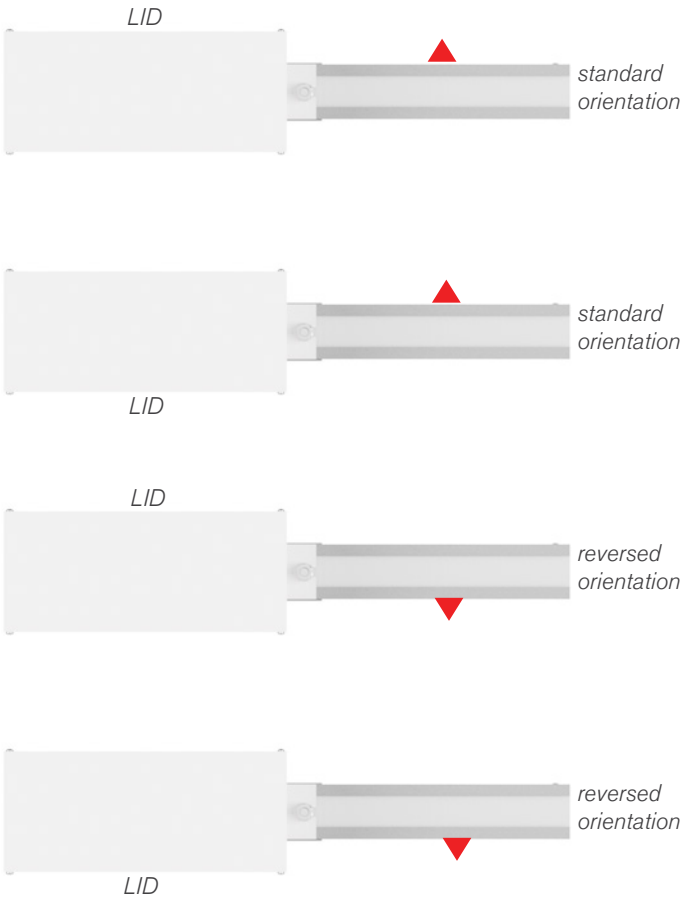
Standard Box



Large Box



Top View

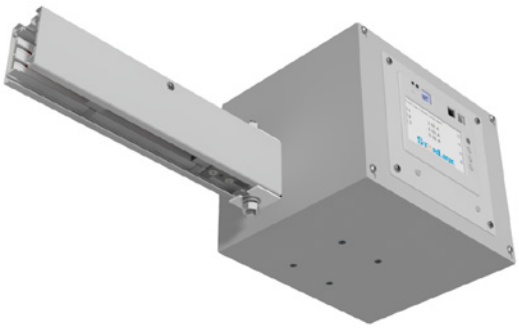


▲ = Polarizing Stripe

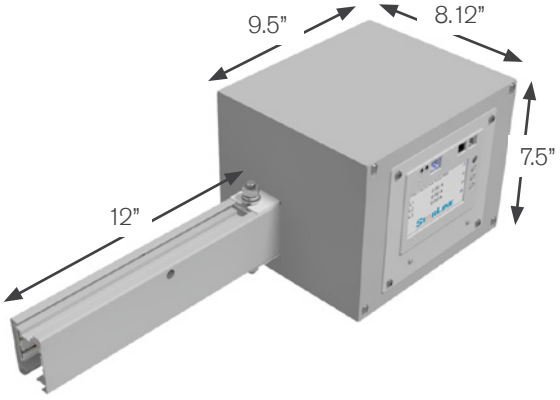
*Plug-in units face the opposite side of the red triangle, or polarizing stripe

END FEED UNITS: METERING

M43D3 CPM with display on left side lid.



Large Box



Box/Lugs Option	1 Meter or Accessory
(S) Standard Box, Standard Lugs	
(L) Large Box, Standard Lugs	X

*Large box with one meter or accessory is 8.12" deep. A meter and accessory cannot be on the same lid. Consult factory to determine accessory location for Large box.

Meters and accessories are not available on Standard box.

AC End Feed Meter Options:

M41 WiFi, ≤415V Y, ≤240V Δ

M43 No WiFi, ≤415V Y, ≤240V Δ

M45 WiFi, 600V Y, 347V Δ

M47 No WiFi, 600V Y, 347V Δ

Y = wye, Δ = delta

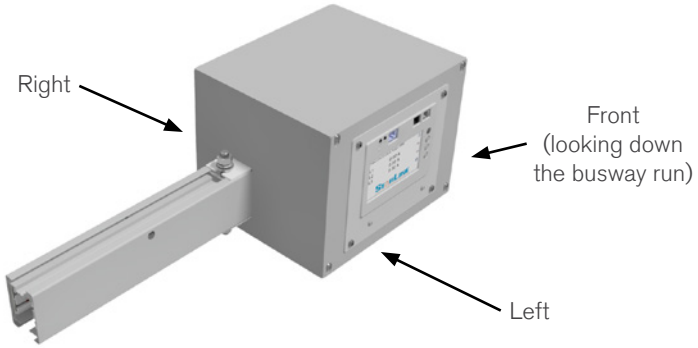
DC End Feed Meter Options:

M61 Single Eth./WiFi, single phase, 120VDC - 300VDC or split phase 120VDC (+/-60VDC) to 380V(+/-190VDC) OR 48VDC

M63 Single Eth./No WiFi, single phase, 120VDC - 300VDC or split phase 120VDC (+/-60VDC) to 380V(+/-190VDC) OR 48VDC

M67 Dual Eth., single phase, 120VDC - 300VDC or split phase 120VDC (+/-60VDC) to 380V(+/-190VDC) OR 48VDC

M69 Dual Eth/Dual Modbus, single phase, 120VDC - 300VDC or split phase 120VDC (+/-60VDC) to 380V(+/-190VDC) OR 48VDC



*The above arrows show how to determine your meter location on an end feed (*Refer to option 9. Meter Location on* **page 2.16** *End Feed Units: Product Numbers)*

END FEED UNITS: PRODUCT NUMBERS

U	F	60	T2	C	4	S	-	L	R	S	N
1. System	2. Product Type	3. Product Frame	4. Compatibility	5. Material	6. Neutral/ Ground Busbar	7. Polarization		8. Lug/Box Options	9. Meter Location	10. Accessories Package	11. Accessories Location

-	100	C	-	STD	0	-	M41	S	1	*Optional
	12. Straight Length	13. Busway Access		14. Paint Color	15. Tape Marking		*16. Meter Release	*17. M40 Options	*18. System Config. and CT Type	

1. System *(standard of measure)*

U	US

2. Product Type *(section component)*

F	End Feed

3. Product Frame *(maximum amperage)*

60	60 amps

4. Compatibility *(frame compatibility)*

T2	T2 System

5. Material *(busbar material)*

C	Copper

6. Neutral/Ground Busbar *(size of neutral busbar and/or ground)*

4	3 Phase plus Neutral

7. Polarization *(orientation of section for mating purposes)*

S	Standard	**R**	Reversed

8. Lug/Box Options *(standard/double/bolt lugs and box size)*

S	Standard lugs, Standard box	**L**	Standard lugs, Large box

9. Meter Location *(from the terminal, side with removable lid; meter must follow lid orientation on large box)*

R	Right	**L**	Left
N	None (N/A)		

10. Accessories Package *(optional accessories for feed units)*

S	Standard	**A**	Angled Meter Lid

**Accessories not available on standard box*

11. Accessories Location *(from the terminal, side with accessory)*

N	None (N/A)

**Consult factory for Large box accessory options*

12. Straight Length *(for large box only)*

0100	1 ft. *(For other lengths, consult the factory)*

13. Busway Access *(for large box only)*

C	Continuous

14. Paint Color *(allows painting of the busway housing)*

STD	Factory Mill Finish	**RED**	Paint Factory Red
BLK	Paint Factory Black	**BLU**	Paint Factory Blue
WHT	Paint Factory White	****RAL (please see page 2.42)**	

15. Tape Marking *(colored tape on both sides of busway housing)*

0	No Tape Marking

EXAMPLE
UF60T2C4S-LNSN-0100C-STD0 *= US System, End Feed, 60 Amps, T2 System, Copper Conductor, 3 Phase plus Neutral, Standard Polarization, Standard Lugs, Large Box, No Meter Location, Standard Accessory Package, No Accessory Location - 1 ft. Straight Length, Continuous - Factory Mill Finish, No Tape Marking*

END FEED METERING: PRODUCT NUMBERS

U	F	60	T2	C	4	S	-	L	R	S	N
1. System	2. Product Type	3. Product Frame	4. Compatibility	5. Material	6. Neutral/ Ground Busbar	7. Polarization		8. Lug/Box Options	9. Lid Orientation	10. Accessories Package	11. Accessories Location

-	100	C	-	STD	0	-	M41	S	1	*Optional
	12. Straight Length	13. Busway Access		14. Paint Color	15. Tape Marking		*16. Meter Release	*17. Meter Options	*18. System Config. and CT Type	

***16. Meter Release** *(M40 AC)*

M41	WiFi, ≤415V Y, ≤240V Δ
M43	No WiFi, ≤415V Y, ≤240V Δ
M45	WiFi, 600V Y, 347V Δ
M47	No WiFi, 600V Y, 347V Δ

***16. Meter Release** *(M60 DC)*

M61	Single Eth./WiFi, single phase, VDC
M63	Single Eth./No WiFi, single phase, VDC
M67	Dual Eth., single phase, VDC
M69	Dual Eth/Dual Modbus, single phase, VDC

***17. Meter Options** *(M40 AC)*

S	Standard *(M60s also)*	**E**	Enhanced (N+A)
D	Display *(M60s also)*	**P**	Professional (D+N)
N	(Measured) Neutral	**U**	Ultimate (D+N+A)
A	Audible Alarm	**F**	Featured (D+A)

***17. Meter Options** *(M60 DC)*

S	Standard (High Voltage)	**P**	Standard (48 VDC)
D	Display (High Voltage)	**Q**	Display (48 VDC)

M60 Meters support: High Voltage: 120 to 300VDC/Split Phase 120VDC (+/-60) to 380VDC (+/-180) OR Low Voltage: 48VDC

***18. System Configuration and CT Type** *(M40 AC)*

1	LLD - Standard, Milivolt	**K**	LLD - SC, 5A
2	LLY - Standard, Milivolt	**L**	LLY - SC, 5A
3	LNY - Standard, Milivolt	**M**	LNY - SC, 5A

line-line or line-neutral and wye or delta systems

***18. System Configuration and CT Type** *(M60 DC)*

1	Circuit 1 Only, Solid Core
2	Circuit 2 Only, Solid Core
3	Both Circuits, Solid Core

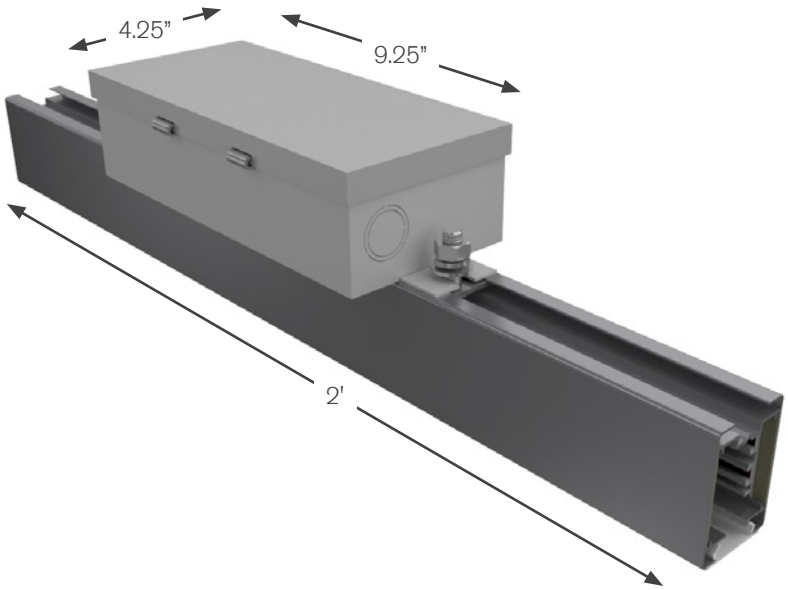
EXAMPLE
UF60T2C4S-LRSN-0100C-STD0-M41D1 *= US System, End Feed, 60 Amps, T2 System, Copper Conductor, 3 Phase plus Neutral, Standard Polarization, Standard Lugs, Large Box, Right Meter Location, Standard Accessory Package, No Accessory Location - 1 ft. Straight Length, Continuous - Factory Mill Finish, No Tape Marking - M41 Meter, with Display, LLD - Standard Milivolt*

ABOVE FEED UNITS

Product Description
The above feed unit is used for supplying power anywhere along the top of a busway run. It consists of a two-foot section of busway, and a junction box with a 60A rated terminal block.

Two in-line connectors and housing couplers (supplied separately) are used to connect two adjacent busway sections.

Weight
2 - 5 lbs



Internal View

ABOVE FEED UNITS: PRODUCT NUMBERS

U	A	060	T2	C	4	S	-	S	N	S	N
1. System	2. Product Type	3. Product Frame	4. Compatibility	5. Material	6. Neutral/ Ground Busbar	7. Polarization		8. Lug/Box Options	9. Lid Orientation	10. Accessories Package	11. Accessories Location

-	0200	C	012	-	STD0
	12. Straight Length	13. Busway Access	14. Feed Location		15. Paint Color

1. System *(standard of measure)*
U US

2. Product Type *(section component)*
A Above Feed

3. Product Frame *(maximum amperage)*
060 60 amps

4. Compatibility *(frame compatibility)*
T2 T2 System

5. Material *(busbar material)*
C Copper

6. Neutral/Ground Busbar *(size of neutral busbar and/or ground)*
4 3 Phase plus Neutral

7. Polarization *(orientation of section for mating purposes)*
S Standard **R** Reversed

8. Lug/Box Options *(standard/double/bolt lugs and box size)*
S Standard lugs, Standard box

9. Lid Orientation *(from the terminal, side with removable lid)*
N None (N/A)

10. Accessories Package *(optional accessories for feed units)*
S Standard

11. Accessories Location *(from the terminal, side with accessory)*
N None (N/A)

12. Straight Length *(length of section)*
0200 2 feet

13. Busway Access *(how plugs access the busway)*
C Continuous

14. Feed Location *(location of the center of the top feed)*
012 12 inches

15. Paint Color *(allows painting of the busway housing)*

STD0	Factory Mill Finish	**RED0**	Paint Factory Red
BLK0	Paint Factory Black	**BLU0**	Paint Factory Blue
WHT0	Paint Factory White	****RAL (please see page 2.42)**	

EXAMPLE
UA060T2C4S-SNSN-0200C012-BLK0 *= US System, Above Feed, 60 amps, T2 System, Copper Conductor, 3 Phase plus Neutral, Standard Polarization, Standard Lugs, Standard Box, No Lid Orientation, Standard Accessory Package, No Accessory Location, 2 foot Straight Length, Continuous Access, 12 inch Feed Location, Painted Factory Black*

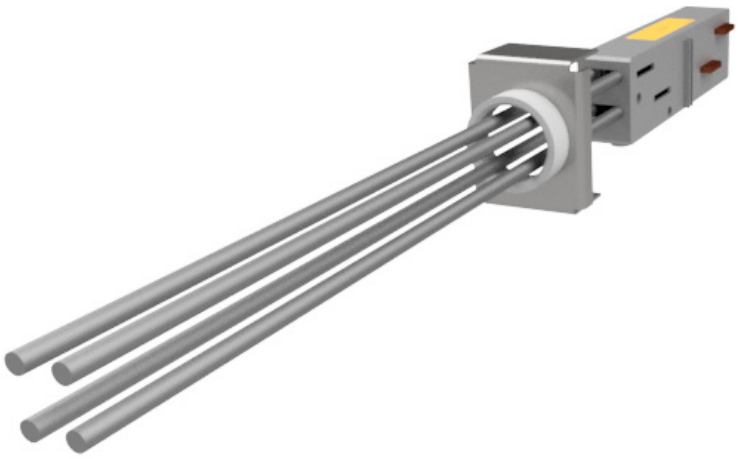
END FEED CONNECTOR UNITS

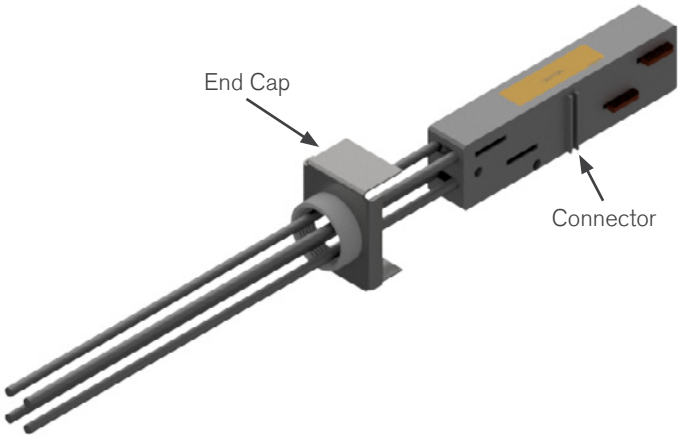
Product Description
This design of power feed has a built-in connector and is used primarily in applications where aesthetic appearance is important- such as retail.

Wire leads are preassembled to the connector and eliminate the junction box on the busway.

24 in wire length is standard, but additional lengths are available upon request.

Weight
2 lbs





END FEED CONDUCTOR UNITS: PRODUCT NUMBERS

U	C	060	T2	C	4	S	-	024
1. System	2. Product Type	3. Product Frame	4. Compatibility	5. Material	6. Neutral/ Ground Busbar	7. Polarization		8. Wire Length

1. System *(standard of measure)*

U	US

2. Product Type *(section component)*

C	Concealed Feed

3. Product Frame *(maximum amperage)*

060	60 amps

4. Compatibility *(frame compatibility)*

T2	T2 System

5. Material *(busbar material)*

C	Copper

6. Neutral/Ground Busbar *(size of neutral busbar and/or ground)*

4	3 Phase plus Neutral	**2**	1 Phase plus Neutral

7. Polarization *(orientation of section for mating purposes)*

S	Standard	**R**	Reversed

8. Wire Length *(total length of wire in inches)*

ZZZ	ZZZ = inches (024 is standard)

EXAMPLE
UC060T2C4S-024 *= US System, Concealed Feed, 60 amps, T2 System, Copper Conductor, 3 Phase plus Neutral, Standard Polarization, 24 inch Wire Length*

BELOW FEED UNITS

Product Description
A Below Power Feed is designed to be installed anywhere along the full-access opening of a busway run. Insert the Power Feed connector into the busway run where desired and secure with a hanger bolt (supplied). The Below Power Feed unit must be completely installed in the selected busway housing before the adjacent housing section can be installed. A terminal block is provided in the box for field terminations. Power supply cable is fed in from under the unit.

Weight
4.8 lbs

BELOW FEED UNITS: PRODUCT NUMBERS

U	B	060	T2	C	4	S	-	S	R	S	N
1. System	2. Product Type	3. Product Frame	4. Compatibility	5. Material	6. Neutral/ Ground Busbar	7. Polarization		8. Lug/Box Options	9. Lid Orientation	10. Accessories Package	11. Accessories Location

- **STD0**
12. Paint Color

1. System *(standard of measure)*
U US

2. Product Type *(section component)*
B Below Feed

3. Product Frame *(maximum amperage)*
060 60 amps

4. Compatibility *(frame compatibility)*
T2 T2 System

5. Material *(busbar material)*
C Copper

6. Neutral/Ground Busbar *(size of neutral busbar and/or ground)*
4 3 Phase plus Neutral

7. Polarization *(orientation of section for mating purposes)*
S Standard **R** Reversed

8. Lug/Box Options *(standard/double/bolt lugs and box size)*
S Standard lugs, Standard box

9. Lid Orientation *(from the terminal, side with removable lid)*
R Right

10. Accessories Package *(optional accessories for feed units)*
S Standard

11. Accessories Location *(from the terminal, side with accessory)*
N None (N/A)

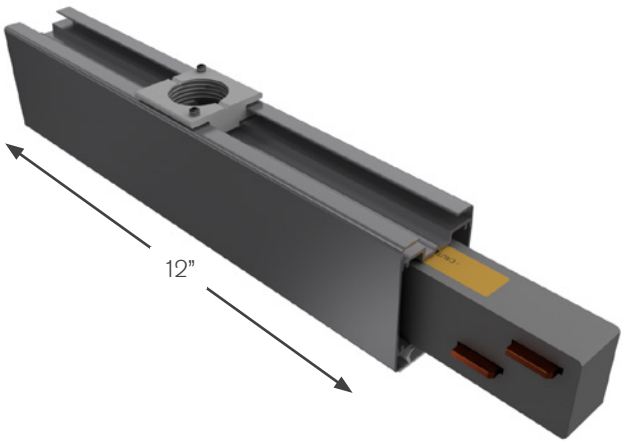
12. Paint Color *(allows painting of the busway housing)*

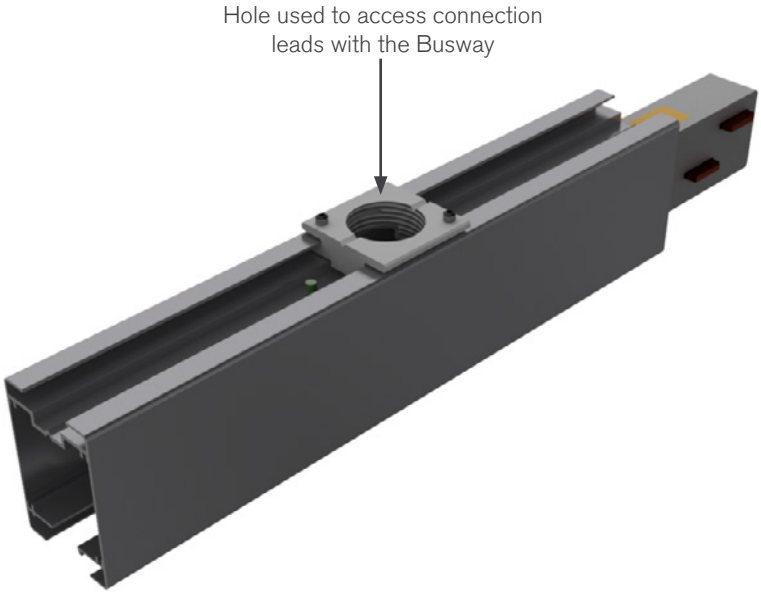
STD0	Paint Factory Silver	**RED0**	Paint Factory Red
BLK0	Paint Factory Black	**BLU0**	Paint Factory Blue
WHT0	Paint Factory White	****RAL (please see page 2.42)**	

EXAMPLE
UB060T2C4S-SRSN-STD0 *= US System, Below Feed, 60 amps, T2 System, Copper Conductor, 3 Phase plus Neutral, Standard Polarization, Standard Lugs, Standard Box, Right Lid Orientation, Standard Accessory Package, No Accessory Location, Galvanized*

PENDANT FEED UNITS

Product Description
A Pendant Feed consists of a 1 foot busway section with a 1 inch conduit size access hole for access to connection leads inside the Busway. A 1 inch conduit mounting adapter is included.





PENDANT FEED UNITS: PRODUCT NUMBERS

U	P	060	T2	C	4	S
1. System	2. Product Type	3. Product Frame	4. Compatibility	5. Material	6. Neutral/ Ground Busbar	7. Polarization

S	-	STD0
*8. System		9. Paint Color

1. System *(standard of measure)*

U	US

2. Product Type *(section component)*

P	Pendant Feed

3. Product Frame *(maximum amperage)*

060	60 amps

4. Compatibility *(frame compatibility)*

T2	T2 System

5. Material *(busbar material)*

C	Copper

6. Neutral/Ground Busbar *(size of neutral busbar and/or ground)*

4	3 Phase plus Neutral

7. Polarization *(orientation of section for mating purposes)*

S	Standard	**R**	Reversed

***8. System** *(Line to Line or Line to Neutral System)*

LL	Line to Line	**LN**	Line to Neutral

**LL & LN specification required only when ordering a 2-pole system (reference option 6. Neutral/Ground Busbar)*

9. Paint Color *(allows painting of the busway housing)*

STD0	Factory Mill Finish	**RED0**	Paint Factory Red
BLK0	Paint Factory Black	**BLU0**	Paint Factory Blue
WHT0	Paint Factory White	****RAL (please see page 2.42)**	

EXAMPLES

UP060T2C4R-PD60 *= US System, Pendant Feed, 60 amps, T2 System, Copper Conductor, 3 Phase plus Neutral, Reversed Polarization, Painted RAL 3036*

UP060T2C4S-STD0 *= US System, Pendant Feed, 60 amps, T2 System, Copper Conductor, 3 Phase plus Neutral, Standard Polarization, Factory Mill Finish*

STRAIGHT SECTIONS

Product Description
Track Busway straight sections consist of an extruded aluminum shell with insulated copper conductor strips mounted on the two opposite interior side walls. The aluminum extrusion acts as a 100% ground path and each straight has an open access slot over its entire length for the insertion of turn-n-lock plug-in units. The housing configuration is 4 pole in a 600 Volt design. Track Busway straights are connected together using in-line connectors and housing couplers (found under Accessories).

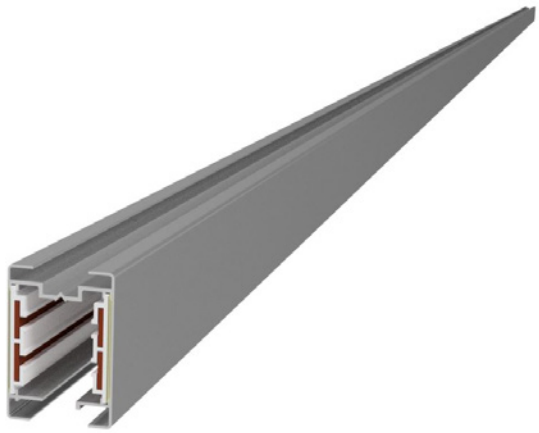
Material
Extruded Aluminum

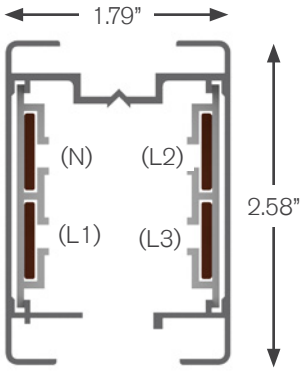
Ratings
100% Ground Path
100 Amp, 600 Volt

Length
5 ft, 10 ft, 20 ft; or custom lengths between 2 - 20 ft

Voltage Drop
Distributed load
Single Phase 42 ft (.85PF)
Three Phase 72 ft (.85PF)

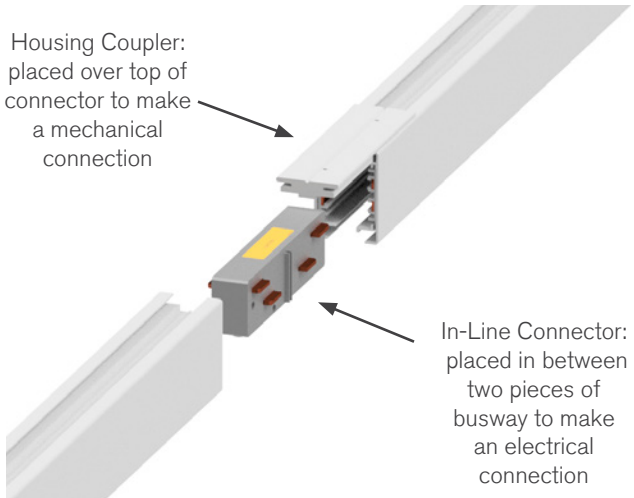
Weight
10 ft 4 pole: 16 lbs





Four Pole

L1 = Blue
L2 = Black
L3 = Red
N = White or Beige



STRAIGHT SECTIONS: PRODUCT NUMBERS

U	S	100	T2	C	4	S	-	0200	C
1. System	2. Product Type	3. Product Frame	4. Compatibility	5. Material	6. Neutral/ Ground Busbar	7. Polarization		8. Straight	9. Busway

- **STD0**
10. Paint Color

1. System *(standard of measure)*
U US

2. Product Type *(section component)*
S Straight Section

3. Product Frame *(maximum amperage)*
100 100 amps

4. Compatibility *(frame compatibility)*
T2 T2 System

5. Material *(busbar material)*
C Copper

6. Neutral/Ground Busbar *(size of neutral busbar and/or ground)*
4 3 Phase plus Neutral

7. Polarization *(orientation of section for mating purposes)*
S Standard

8. Straight Length *(length of section)*
XXYY XX=feet, YY=inches

9. Busway Access *(how plugs access the busway)*
C Continuous

10. Paint Color *(allows painting of the busway housing)*

STD0	Factory Mill Finish	**RED0**	Paint Factory Red
BLK0	Paint Factory Black	**BLU0**	Paint Factory Blue
WHT0	Paint Factory White	****RAL (please see page 2.42)**	

EXAMPLES
US100T2C4S-0206C-STD0 *= US System, Straight Section, 100 amps, T2 System, Copper Conductor, 3 Phase plus Neutral, Standard Polarization, 2 foot 6 inch Straight Length, Continuous Busway Access, Factory Mill Finish*

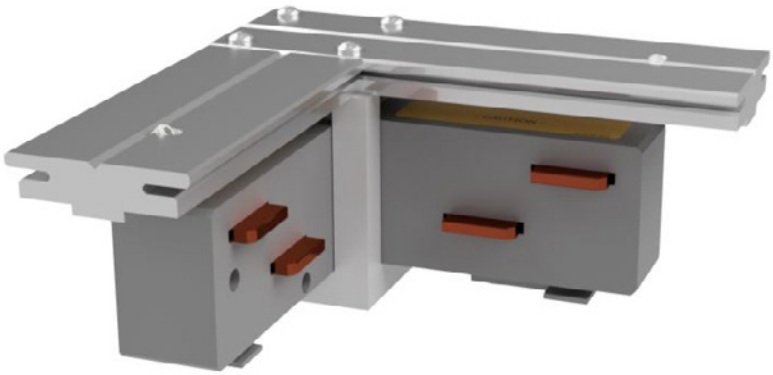
US100T2C4S-0500C-P010 *= US System, Straight Section, 100 amps, T2 System, Copper Conductor, 3 Phase plus Neutral, Standard Polarization, 5 foot Straight Length, Continuous Busway Access, Painted RAL 1001*

ELBOW SECTIONS

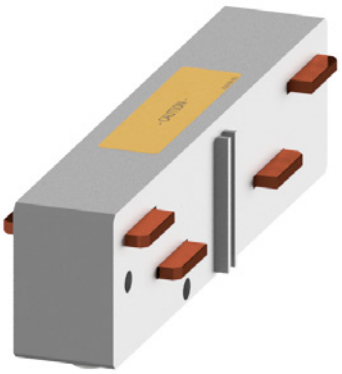
Product Description
Elbow connectors are used for making a 90 degree turn in a 100 amp compact busway run. Please be aware of polarization issues before making your final selection (refer to **page 2.3 Polarity Tips**).

Elbows are electrically connected to sections of 100 amp busway by means of an in-line connector. The connector is installed by inserting in each end of the housing sections to be joined. Hex head compression screws are tightened to make a reliable connection. All in-line connectors are polarized to prevent phase mismatch.

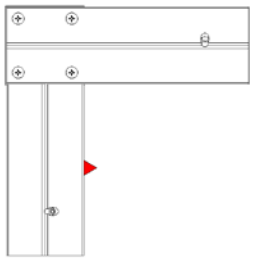
Weight
.5 lbs



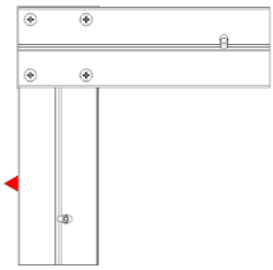
Elbow Connector



In-line Connector



Internal Elbow



External Elbow

▲ = Polarizing Stripe

ELBOW SECTIONS: PRODUCT NUMBERS

U	E	100	T2	C	4	S	-	IN	-	STD0
1. System	2. Product Type	3. Product Frame	4. Compatibility	5. Material	6. Neutral/ Ground Busbar	7. Polarization		8. Turning Direction		9. Paint Color

1. System *(standard of measure)*

U	US

2. Product Type *(section component)*

E	Elbow Section

3. Product Frame *(maximum amperage)*

100	100 amps

4. Compatibility *(frame compatibility)*

T2	T2 System

5. Material *(busbar material)*

C	Copper

6. Neutral/Ground Busbar *(size of neutral busbar and/or ground)*

4	3 Phase plus Neutral

7. Polarization *(orientation of section for mating purposes)*

S	Standard

8. Turning Direction *(direction of section polarizing stripe)*

IN	Internal	**EX**	External

9. Paint Color *(allows painting of the busway housing)*

STD0	Factory Mill Finish	**RED0**	Paint Factory Red
BLK0	Paint Factory Black	**BLU0**	Paint Factory Blue
WHT0	Paint Factory White	****RAL (please see page 2.42)**	

EXAMPLES

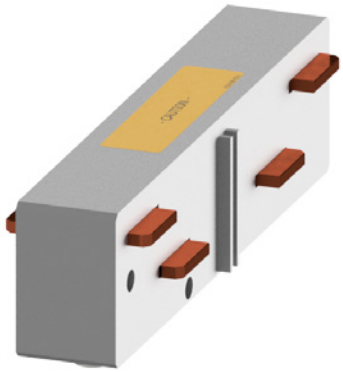
UE100T2C4S-IN-BLK0 *= US System, Elbow Section, 100 amps, T2 System, Copper Conductor, 3 Phase plus Neutral, Standard Polarization, Internal Turning Direction, Painted Factory Black*

UE100T2C4S-EX-STD0 *= US System, Elbow Section, 100 amps, T2 System, Copper Conductor, 3 Phase plus Neutral, Standard Polarization, External Turning Direction, Factory Mill Finish*

TEE SECTIONS

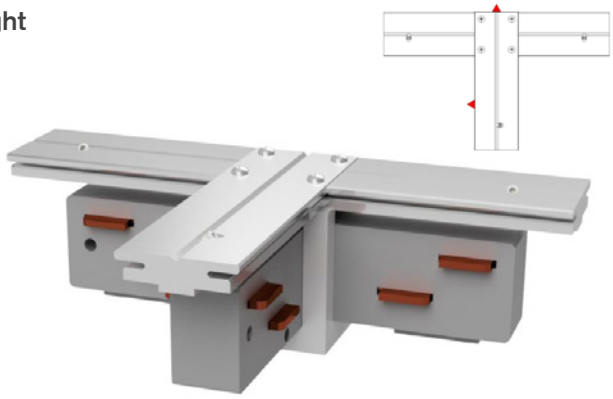
Product Description
Similar to elbow connectors, tee connectors are used for connecting branch housing sections at 90 degrees to the main run. Please be aware of polarization issues before making your final selection (refer to **page 2.3 Polarity Tips**).

Tees are electrically connected to sections of 100 amp busway by means of an in-line connector. The connector is installed by inserting in each end of the housing sections to be joined. Hex head compression screws are tightened to make a reliable connection. All in-line connectors are polarized to prevent phase mismatch.

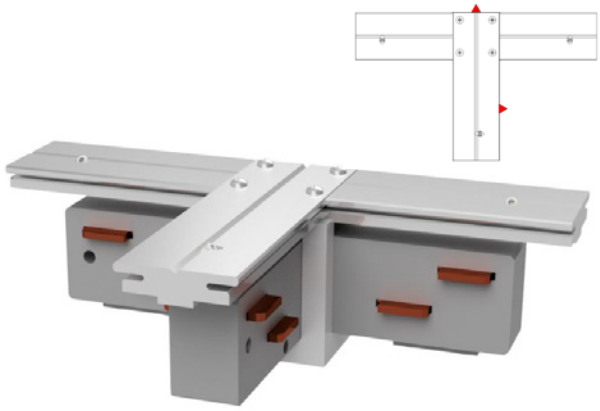


In-line Connector

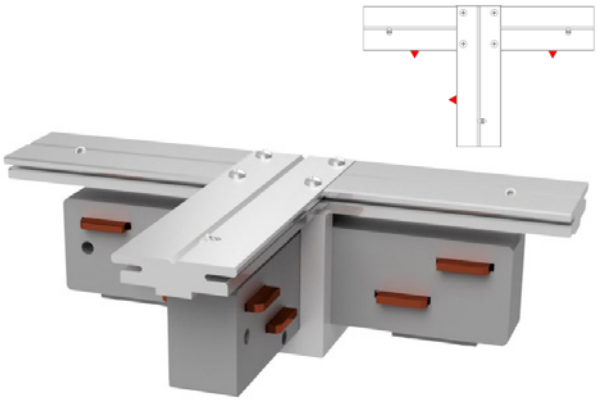
Weight
1 lb



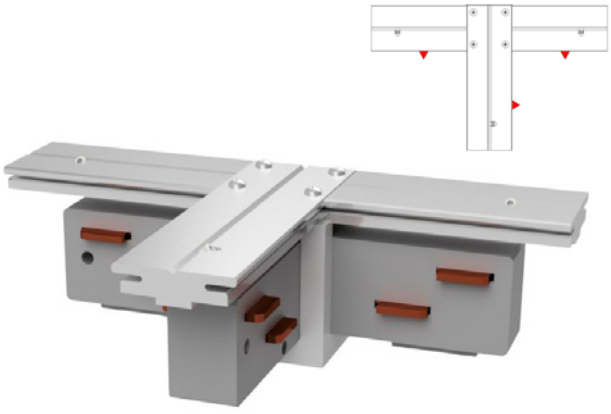
External-Left (EL)



External-Right (ER)



Internal-Left (IL)



Internal-Right (IR)

▲ = Polarizing Stripe

TEE SECTIONS: PRODUCT NUMBERS

U	T	100	T2	C	4	S	-	IR
1. System	2. Product Type	3. Product Frame	4. Compatibility	5. Material	6. Neutral/ Ground Busbar	7. Polarization		8. Turning Direction

- STD0

9. Paint Color

1. System *(standard of measure)*

U	US

2. Product Type *(section component)*

T	Tee Section

3. Product Frame *(maximum amperage)*

100	100 amps

4. Compatibility *(frame compatibility)*

T2	T2 System

5. Material *(busbar material)*

C	Copper

6. Neutral/Ground Busbar *(size of neutral busbar and/or ground)*

4	3 Phase plus Neutral

7. Polarization *(orientation of section for mating purposes)*

S	Standard	**R**	Reversed

8. Turning Direction *(direction of section polarizing stripe)*

IL	Internal-Left	**EL**	External-Left
IR	Internal-Right	**ER**	External-Right

9. Paint Color *(allows painting of the busway housing)*

STD0	Factory Mill Finish	**RED0**	Paint Factory Red
BLK0	Paint Factory Black	**BLU0**	Paint Factory Blue
WHT0	Paint Factory White	****RAL (please see page 2.42)**	

EXAMPLES

UT100T2C4S-IR-RED0 *= US System, Tee Section, 100 amps, T2 System, Copper Conductor, 3 Phase plus Neutral, Standard Polarization, Internal-Right Turning Direction, Painted Factory Red*

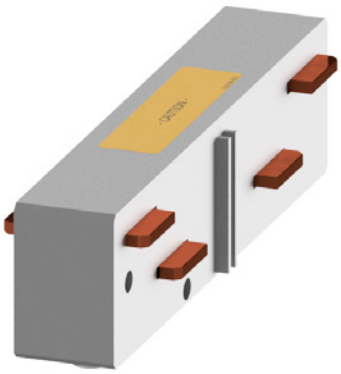
UT100T2C4S-EL-STD0 *= US System, Tee Section, 100 amps, T2 System, Copper Conductor, 3 Phase plus Neutral, Standard Polarization, External-Left Turning Direction, Factory Mill Finish*

CROSS SECTIONS

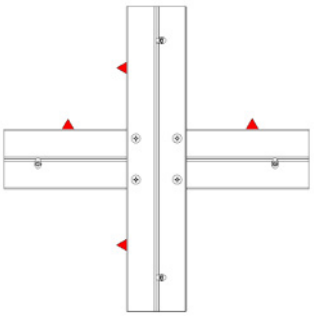
Product Description
Similar to tee connectors, crosses are typically used for grid designs. Please be aware of polarization issues before making your final selection (**refer to page 2.3 Polarity Tips**).

Crosses are electrically connected to sections of 100 amp busway by means of an in-line connector. The connector is installed by inserting in each end of the housing sections to be joined. Hex head compression screws are tightened to make a reliable connection. All in-line connectors are polarized to prevent phase mismatch.

Standard Cross



In-line Connector



▲ = Polarizing Stripe

CROSS SECTIONS: PRODUCT NUMBERS

U	X	100	T2	C	4	S	-	ST
1. System	2. Product Type	3. Product Frame	4. Compatibility	5. Material	6. Neutral/ Ground Busbar	7. Polarization		8. Turning Direction

- **STD0**

9. Paint Color

1. System *(standard of measure)*

U US

2. Product Type *(section component)*

X Cross Section

3. Product Frame *(maximum amperage)*

100 100 amps

4. Compatibility *(frame compatibility)*

T2 T2 System

5. Material *(busbar material)*

C Copper

6. Neutral/Ground Busbar *(size of neutral busbar and/or ground)*

4 3 Phase plus Neutral

7. Polarization *(orientation of section for mating purposes)*

S Standard

8. Turning Direction *(direction of section polarizing stripe)*

ST Standard

9. Paint Color *(allows painting of the busway housing)*

STD0	Factory Mill Finish	**RED0**	Paint Factory Red
BLK0	Paint Factory Black	**BLU0**	Paint Factory Blue
WHT0	Paint Factory White	****RAL (please see page 2.42)**	

EXAMPLES

UX100T2C4S-ST-RED0 *= US System, Cross Section, 100 amps, T2 System, Copper Conductor, 3 Phase plus Neutral, Standard Polarization, Standard Turning Direction, Painted Factory Red*

UX100T2C4S-ST-STD0 *= US System, Cross Section, 100 amps, T2 System, Copper Conductor, 3 Phase plus Neutral, Standard Polarization, Standard Turning Direction, Factory Mill Finish*

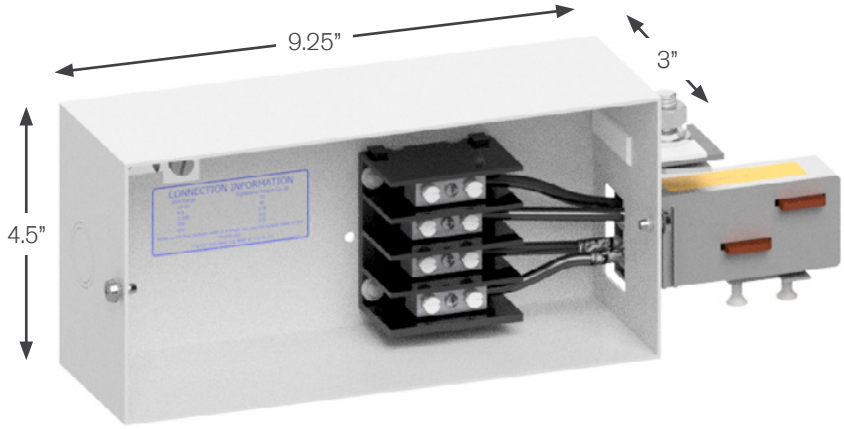
END FEED UNITS

Product Description
With a built-in connector, the end feed units for 60T2 systems consist of a steel junction box with removable side, a terminal block for field connections and an in-line connector already terminated to one side of the terminal block.

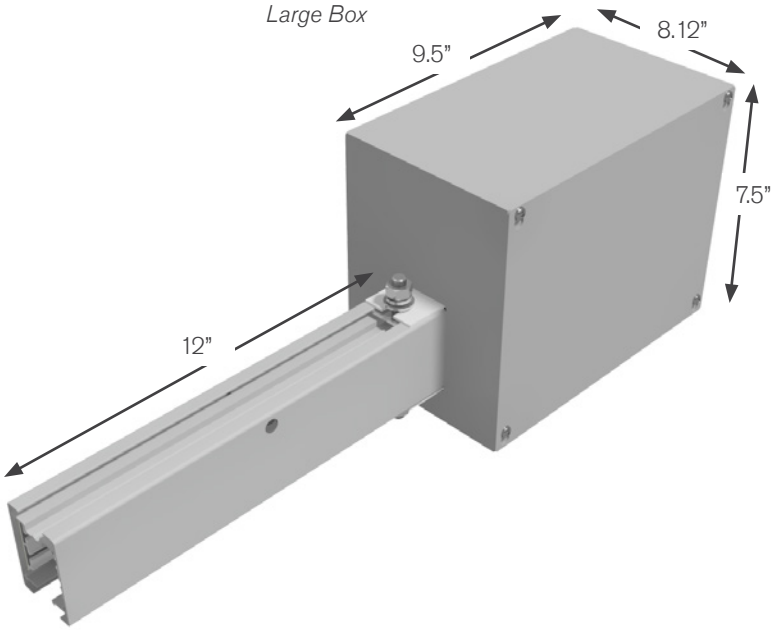
The unit is inserted into the busway and held in position via a bolted connection to the busway.

Weight
Standard box: 3.5 lbs
Large box: 12 lbs

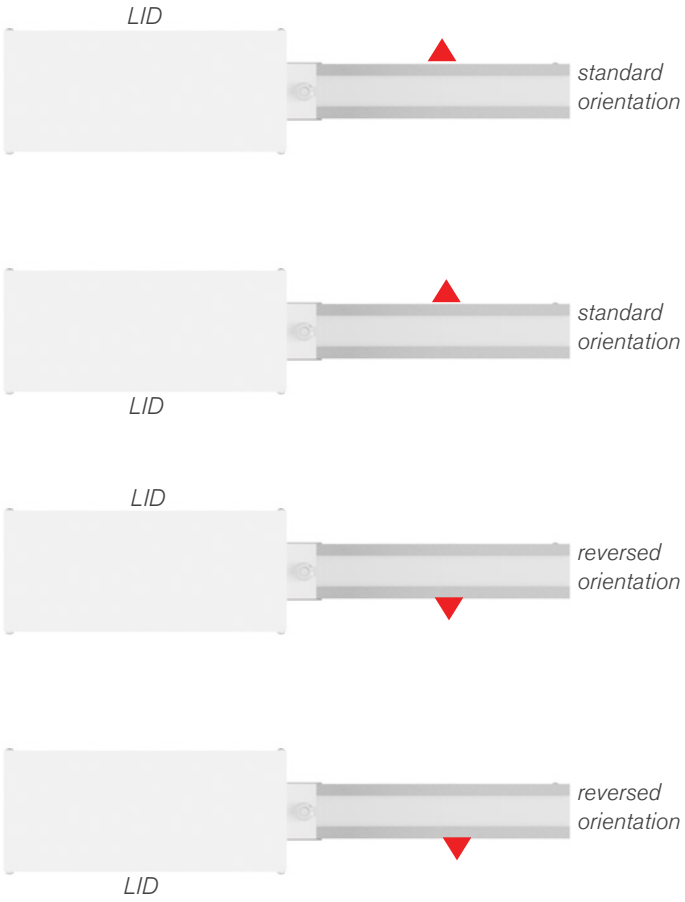
Standard Box



Large Box



Top View

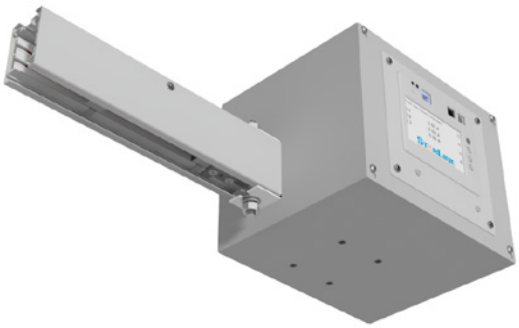


▲ = Polarizing Stripe

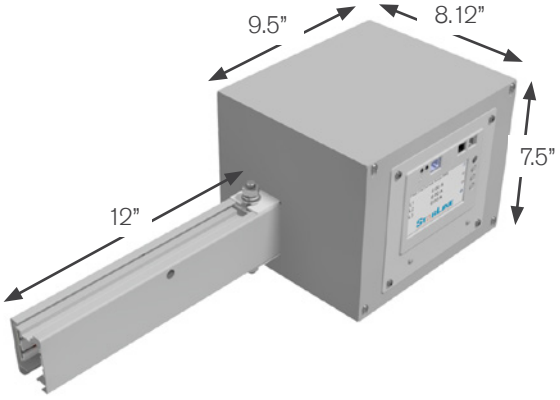
*Plug-in units face the opposite side of the red triangle, or polarizing stripe

END FEED UNITS: METERING

M43D3 CPM with display on left side lid.



Large Box



Box/Lugs Option	1 Meter or Accessory
(S) Standard Box, Standard Lugs	
(L) Large Box, Standard Lugs	X

*Large box with one meter or accessory is 8.12" deep. A meter and accessory cannot be on the same lid. Consult factory to determine accessory location for Large box.

Meters and accessories are not available on Standard box.

AC End Feed Meter Options:

M41 WiFi, ≤415V Y, ≤240V Δ

M43 No WiFi, ≤415V Y, ≤240V Δ

M45 WiFi, 600V Y, 347V Δ

M47 No WiFi, 600V Y, 347V Δ

Y = wye, Δ = delta

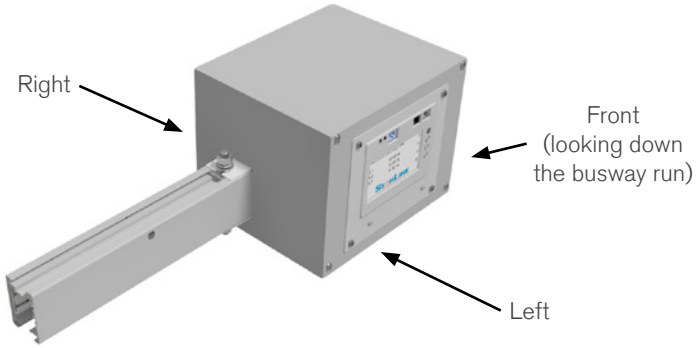
DC End Feed Meter Options:

M61 Single Eth./WiFi, single phase, 120VDC - 300VDC or split phase 120VDC (+/-60VDC) to 380V(+/-190VDC) OR 48VDC

M63 Single Eth./No WiFi, single phase, 120VDC - 300VDC or split phase 120VDC (+/-60VDC) to 380V(+/-190VDC) OR 48VDC

M67 Dual Eth., single phase, 120VDC - 300VDC or split phase 120VDC (+/-60VDC) to 380V(+/-190VDC) OR 48VDC

M69 Dual Eth/Dual Modbus, single phase, 120VDC - 300VDC or split phase 120VDC (+/-60VDC) to 380V(+/-190VDC) OR 48VDC



*The above arrows show how to determine your meter location on an end feed (*Refer to option 9. Meter Location on* **page 2.36** *End Feed Units: Product Numbers)*

END FEED UNITS: PRODUCT NUMBERS

U	F	100	T2	C	4	S	-	L	R	S	N
1. System	2. Product Type	3. Product Frame	4. Compatibility	5. Material	6. Neutral/ Ground Busbar	7. Polarization		8. Lug/Box Options	9. Meter Location	10. Accessories Package	11. Accessories Location

-	100	C	-	STD	0	-	M41	S	1	*Optional
	12. Straight Length	13. Busway Access		14. Paint Color	15. Tape Marking		*16. Meter Release	*17. M40 Options	*18. System Config. and CT Type	

1. System *(standard of measure)*

U	US

2. Product Type *(section component)*

F	End Feed

3. Product Frame *(maximum amperage)*

100	100 amps

4. Compatibility *(frame compatibility)*

T2	T2 System

5. Material *(busbar material)*

C	Copper

6. Neutral/Ground Busbar *(size of neutral busbar and/or ground)*

4	3 Phase plus Neutral

7. Polarization *(orientation of section for mating purposes)*

S	Standard	**R**	Reversed

8. Lug/Box Options *(standard/double/bolt lugs and box size)*

S	Standard lugs, Standard box	**L**	Standard lugs, Large box

9. Meter Location *(from the terminal, side with removable lid; meter must follow lid orientation on large box)*

R	Right	**L**	Left
N	None (N/A)		

10. Accessories Package *(optional accessories for feed units)*

S	Standard	**A**	Angled Meter Lid

**Accessories not available on standard box*

11. Accessories Location *(consult factory for Large box accessory options)*

N	None (N/A)

12. Straight Length *(for large box only)*

0100	1 foot	*(For other lengths, consult the factory)*

13. Busway Access *(for large box only)*

C	Continuous

14. Paint Color *(allows painting of the busway housing)*

STD	Factory Mill Finish	**RED**	Paint Factory Red
BLK	Paint Factory Black	**BLU**	Paint Factory Blue
WHT	Paint Factory White	****RAL (please see page 2.42)**	

15. Tape Marking *(colored tape on both sides of busway housing)*

0	No Tape Marking

EXAMPLE
UF100T2C4S-LNSN-0100C-STD0 *= US System, End Feed, 100 Amps, T2 System, Copper Conductor, 3 Phase plus Neutral, Standard Polarization, Standard Lugs, Large Box, No Meter Location, Standard Accessory Package, No Accessory Location - 1 ft. Straight Length, Continuous - Factory Mill Finish, No Tape Marking*

END FEED METERING: PRODUCT NUMBERS

U	F	100	T2	C	4	S	-	L	R	S	N
1. System	2. Product Type	3. Product Frame	4. Compatibility	5. Material	6. Neutral/ Ground Busbar	7. Polarization		8. Lug/Box Options	9. Lid Orientation	10. Accessories Package	11. Accessories Location

-	100	C	-	STD	0	-	M41	S	1	*Optional
	12. Straight Length	13. Busway Access		14. Paint Color	15. Tape Marking		*16. Meter Release	*17. Meter Options	*18. System Config. and CT Type	

***16. Meter Release** *(M40 AC)*

M41	WiFi, ≤415V Y, ≤240V Δ
M43	No WiFi, ≤415V Y, ≤240V Δ
M45	WiFi, 600V Y, 347V Δ
M47	No WiFi, 600V Y, 347V Δ

***16. Meter Release** *(M60 DC)*

M61	Single Eth./WiFi, single phase, VDC
M63	Single Eth./No WiFi, single phase, VDC
M67	Dual Eth., single phase, VDC
M69	Dual Eth/Dual Modbus, single phase, VDC

***17. Meter Options** *(M40 AC)*

S	Standard *(M60s also)*	**E**	Enhanced (N+A)
D	Display *(M60s also)*	**P**	Professional (D+N)
N	(Measured) Neutral	**U**	Ultimate (D+N+A)
A	Audible Alarm	**F**	Featured (D+A)

***17. Meter Options** *(M60 DC)*

S	Standard (High Voltage)	**P**	Standard (48 VDC)
D	Display (High Voltage)	**Q**	Display (48 VDC)

M60 Meters support: High Voltage: 120 to 300VDC/Split Phase 120VDC (+/-60) to 380VDC (+/-180) OR Low Voltage: 48VDC

***18. System Configuration and CT Type** *(M40 AC)*

1	LLD - Standard, Milivolt	**K**	LLD - SC, 5A
2	LLY - Standard, Milivolt	**L**	LLY - SC, 5A
3	LNY - Standard, Milivolt	**M**	LNY - SC, 5A

line-line or line-neutral and wye or delta systems

***18. System Configuration and CT Type** *(M60 DC)*

1	Circuit 1 Only, Solid Core
2	Circuit 2 Only, Solid Core
3	Both Circuits, Solid Core

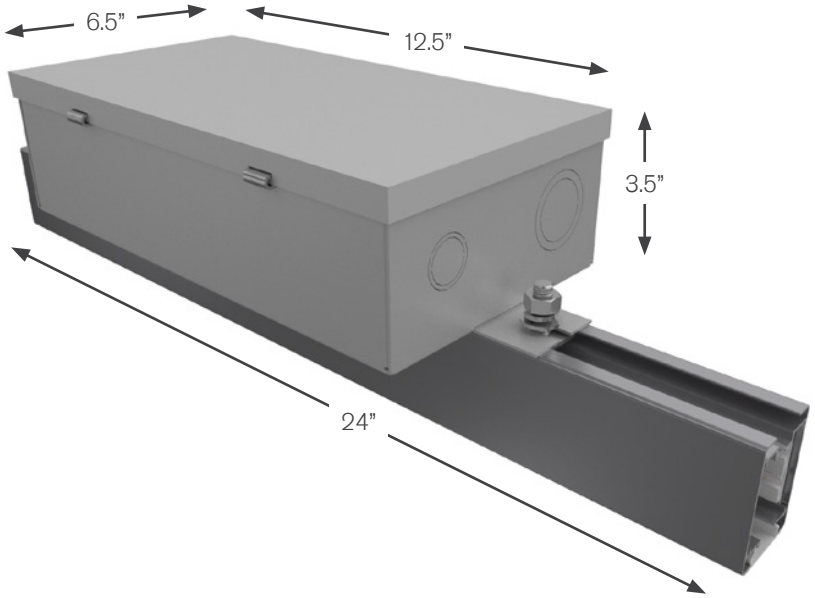
EXAMPLE
UF100T2C4S-LRSN-0100C-STD0-M41D1 *= US System, End Feed, 100 Amps, T2 System, Copper Conductor, 3 Phase plus Neutral, Standard Polarization, Standard Lugs, Large Box, Right Meter Location, Standard Accessory Package, No Accessory Location - 1 ft. Straight Length, Continuous - Factory Mill Finish, No Tape Marking - M41 Meter, with Display, LLD - Standard Milivolt*

ABOVE FEED UNITS

Product Description
The above feed unit is used for supplying power anywhere along the top of a busway run. It consists of a two-foot section of busway, and a junction box with a 100 amp rated terminal block.

Two in-line connectors and housing couplers (supplied separately) are used to connect two adjacent busway sections.

Weight
5 lb



Internal View

ABOVE FEED UNITS: PRODUCT NUMBERS

U	A	100	T2	C	4	S	-	S	N	S	N
1. System	2. Product Type	3. Product Frame	4. Compatibility	5. Material	6. Neutral/ Ground Busbar	7. Polarization		8. Lug/Box Options	9. Lid Orientation	10. Accessories Package	11. Accessories Location

-	0200	C	012	-	STD0
	12. Straight Length	13. Busway Access	14. Feed Location		15. Paint Color

1. System *(standard of measure)*
U US

2. Product Type *(section component)*
A Above Feed

3. Product Frame *(maximum amperage)*
100 100 amps

4. Compatibility *(frame compatibility)*
T2 T2 System

5. Material *(busbar material)*
C Copper

6. Neutral/Ground Busbar *(size of neutral busbar and/or ground)*
4 3 Phase plus Neutral

7. Polarization *(orientation of section for mating purposes)*
S Standard **R** Reversed

8. Lug/Box Options *(standard/double/bolt lugs and box size)*
S Standard lugs, Standard box

9. Lid Orientation *(from the terminal, side with removable lid)*
N None (N/A)

10. Accessories Package *(optional accessories for feed units)*
S Standard

11. Accessories Location *(from the terminal, side with accessory)*
N None (N/A)

12. Straight Length *(length of section)*
0200 2 feet

13. Busway Access *(how plugs access the busway)*
C Continuous

14. Feed Location *(location of the center of the top feed)*
012 12 inches

15. Paint Color *(allows painting of the busway housing)*

STD0	Factory Mill Finish	**RED0**	Paint Factory Red
BLK0	Paint Factory Black	**BLU0**	Paint Factory Blue
WHT0	Paint Factory White	****RAL (please see page 2.42)**	

EXAMPLE
UA100T2C4S-SNSN-0200C012-BLK0 *= US System, Above Feed, 100 amps, T2 System, Copper Conductor, 3 Phase plus Neutral, Standard Polarization, Standard Lugs, Standard Box, No Lid Orientation, Standard Accessory Package, No Accessory Location, 2 foot Straight Length, Continuous Access, 12 inch Feed Location, Painted Factory Black*

BELOW FEED UNITS

Product Description
A Below Power Feed is designed to be installed anywhere along the full-access opening of a busway run. Insert the Power Feed connector into the busway run where desired and secure with a hanger bolt (supplied). The Below Power Feed unit must be completely installed in the selected busway housing before the adjacent housing section can be installed. A terminal block is provided in the box for field terminations. Power supply cable is fed in from under the unit.

Weight
4.8 lbs

BELOW FEED UNITS: PRODUCT NUMBERS

U	B	100	T2	C	4	S	-	S	R	S	N
1. System	2. Product Type	3. Product Frame	4. Compatibility	5. Material	6. Neutral/ Ground Busbar	7. Polarization		8. Lug/Box Options	9. Lid Orientation	10. Accessories Package	11. Accessories Location

- **STD0**
12. Paint Color

1. System *(standard of measure)*
U US

2. Product Type *(section component)*
B Below Feed

3. Product Frame *(maximum amperage)*
100 100 amps

4. Compatibility *(frame compatibility)*
T2 T2 System

5. Material *(busbar material)*
C Copper

6. Neutral/Ground Busbar *(size of neutral busbar and/or ground)*
4 3 Phase plus Neutral

7. Polarization *(orientation of section for mating purposes)*
S Standard **R** Reversed

8. Lug/Box Options *(standard/double/bolt lugs and box size)*
S Standard lugs, Standard box

9. Lid Orientation *(from the terminal, side with removable lid)*
R Right

10. Accessories Package *(optional accessories for feed units)*
S Standard

11. Accessories Location *(from the terminal, side with accessory)*
N None (N/A)

12. Paint Color *(allows painting of the busway housing)*

STD0	Paint Factory Silver	**RED0**	Paint Factory Red
BLK0	Paint Factory Black	**BLU0**	Paint Factory Blue
WHT0	Paint Factory White	****RAL (please see page 2.42)**	

EXAMPLE
UB100T2C4R-SRSN-WHT0 *= US System, Below Feed, 100 amps, T2 System, Copper Conductor, 3 Phase plus Neutral, Reversed Polarization, Standard Lugs, Standard Box, Right Lid Orientation, Standard Accessory Package, No Accessory Location, Painted Factory White*

RAL COLORS

1st Character

P	Paint

2nd Character

0	100
1	101
2	102
3	103
4	200
5	201
A	300
B	301
C	302
D	303
E	400
F	401
G	500
H	501
J	502
K	600
L	601
M	602
N	603
P	700
Q	701
R	702
S	703
T	704
U	800
V	801
W	802
X	900
Y	901
Z	902

3rd Character

0	0
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9

4th Character

0	0

Example:

P B 2 0 = Paint RAL 3012

ACCESSORIES: SUPPORT HARDWARE

Threaded Rod
For mounting to 3/8 - 16 threaded rod. Can be inserted anywhere along the top full-access slot of busway. Hanger support is required every 10 feet maximum.

Part Number

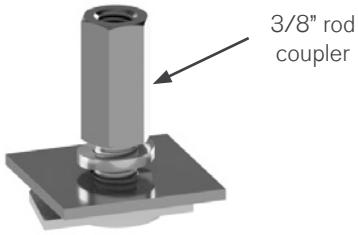
URHB-3

Available in plain zinc

or black (-BLK)

Weight

.3 lb



Standard
For mounting to strut or other flat surfaces. Twist-in design allows inserting anywhere along the top full-access slot on the busway. Hanger support is required every 10 feet maximum.

Part Number

UTHB-3 (3/8")

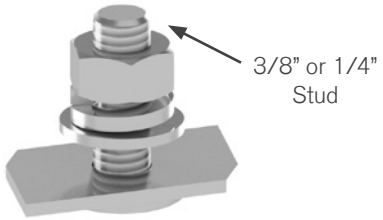
UTHB-1/4 (1/4")

Available in plain zinc

or black (-BLK)

Weight

.2 lb



Weight Hook
Can be used as a hanger to suspend the busway from chains or cables. Can also be used to hang loads of up to 50 pounds under the busway, such as light fixtures, tools and balancers.

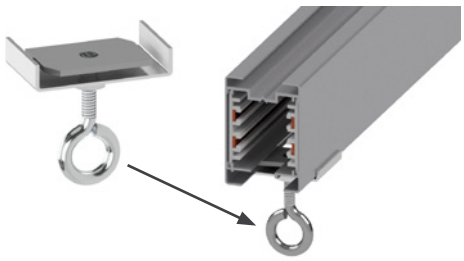
Part Number

UWHRT2

Available in plain zinc

Weight

.2 lb



ACCESSORIES: SUPPORT HARDWARE

Surface Mount
For mounting to a surface. Comes with a 3/8 inch hole.

Part Number

UMCT2-S (surface)

Available in all standard and RAL colors

T-Bar Suspended Ceiling
For mounting to an inverted T-bar. The clip locks onto T-bar and the busway is connected to the stud on the clip. T-bar is mounted with surface clip.

Part Number

UTHB-4

Available in plain zinc

Weight

.1 lb

Recessed Mount
Recessed mount brackets are used when installing busway that is recessed into a suspended ceiling.

**Hanger bolt must be ordered separately*

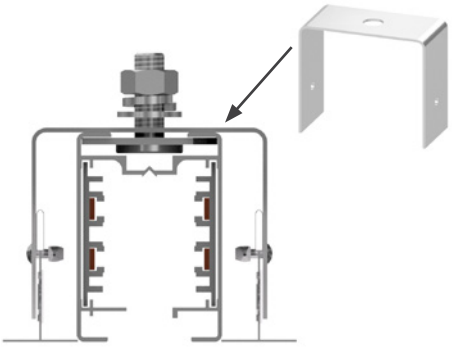
Part Number

URMT2

Available in plain zinc

Weight

.1 lb



Cable
For mounting to a 1/16 in or 3/32 in aircraft cable with easy grip clamp assembly. Cable is not included. Hanger support is every 10 feet maximum.

Part Number

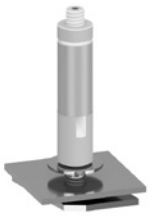
UACH-1 (1/16" cable)

UACH-2 (3/32" cable)

Available in plain zinc

Weight

.2 lb



ACCESSORIES: CONNECTION HARDWARE

Joint Kit
For the connection of adjacent busway sections. Each kit is comprised of an in-line connector and housing coupler.

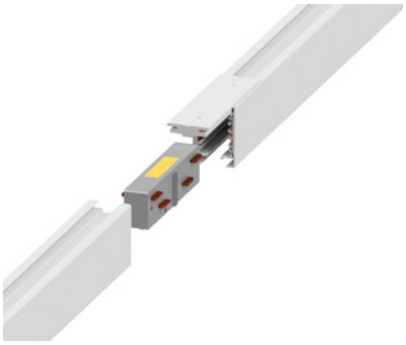
In-Line Connector: sections of busway are joined electrically by means of an in-line connector. All in-line bus connectors are polarized to prevent phase mismatch.

Housing Coupler: sections of busway are joined mechanically by means of a housing coupler. One is required per connection point.

Part Number

UJKT2-4

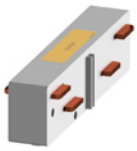
Available in all standard and RAL colors



In-Line Connector
The connector is installed by inserting it into each end of the housing sections to be joined. Hex head compression screws are tightened to make a reliable connection.

Part Number

UBCT2-4

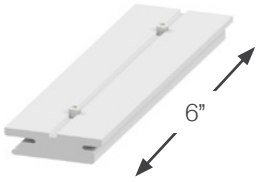


Housing Coupler
Housing couplers make the mechanical connection between sections of busway.

Part Number

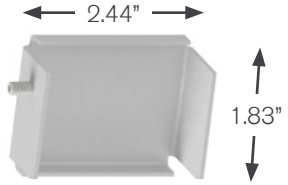
UHCT2

Available in all standard and RAL colors



End Cap
For covering the end of 60T2 or 100T2 busway.

Part Number
UECT2
Available in all standard and RAL colors
Weight:
.2 lb



Optional Closure Strip
Made of white, rigid PVC, the closure strip is used to close the continuous access slot of the busway. It may be used for aesthetic purposes, for keeping dust and dirt from entering the busway or as an added safety measure. It is easily cut to length in the field to be installed around plug-in units.

Part Number

UCST2

Available in black & white

Maximum Cut Length: 20 ft

SERVICES

Starline Services offers a comprehensive suite of services from startup and system certification through on-going support contracts and extended warranty programs. To ensure that your Busway system is installed properly you can trust Starline's team of factory certified technicians to perform services throughout the long life of your Starline Track Busway system. Our complete line of services include:

- Load Bank Testing and Equipment Rentals
- Meter Services
- Startup and System Certification
- Engineering Studies
- On-Site Installation Support
- On-Site Product Training
- Extended Warranty and Enhanced Service Plans

Contact your Starline Representative today to add services to your Track Busway order, or download the detailed Statement of Work documents at **downloads.starlinepower.com**.

With over 30 years of experience in the busway market, Starline has the knowledge and expertise to ensure that your Track Busway system is functioning at a best-in-class level. We are currently offering the following services:

Load Bank Testing and Equipment Rentals
Whether you are in need of rental equipment to test your power system or a team of technicians to test the system for you, Starline Services has you covered. Select testing equipment from our inventory of load banks and associated gear, or work with a Starline engineer to customize your own test plan to suit your individual needs.

Meter Services
Factory trained and certified technicians will provide comprehensive on-site meter commissioning that includes meter inspection, programming and detailed documentation. Our technicians will program CPM meters and offer optional integration services to your BMS or DCIM for any and all meters located within your facility.

Startup and System Certification
Certified technicians inspect and validate that the installation meets factory standards, ensuring ongoing reliability and compliance with facility safety requirements. Upon successful completion of system startup, Starline's standard one (1) year manufacturer's warranty will be automatically extended in duration.

- Double the length of the standard factory warranty
- Ensure all joint and feed connections are properly installed with continuity testing
- Ensure proper installation of all plug-in units
- Validate that system will perform to your specified requirements
- Full certification report delivered electronically at conclusion of service

Engineering Studies (US Only)
Understanding the dangers and implementing a safety program is imperative to maintaining a safe work environment. Our professional engineers will conduct comprehensive facility electrical studies and recommend corrective actions, confirming your systems reliability and compliance with government and safety requirements.

Turnkey Installation Services (UK Only)
Our trained and factory certified Busbar installers are looking forward to completing your next job. You can order your best-in-class power distribution system and leave the rest to us. Our technicians will complete your installation quickly and safely and will reduce your overall TCO by extending your product warranty.

SERVICES

On-Site Installation Support
On-site installation support begins by scheduling a site trip during your system installation. All work is performed by certified technicians- including review of installation best practices prior to the job, visual inspection of safe system installation, contractor installation oversight, and inspection and verification of functionality after rework.

On-Site Product Training
Certified technicians will provide a comprehensive training course curriculum that meets our high factory system standards, ensuring ongoing reliability of the system while also emphasizing operational safety. This course curriculum takes place in both a classroom and on-site with equipment.

Extended Warranty and Enhanced Service Plans
Ensure that your equipment investment is always covered. Select from an extended factory warranty or one of our many Enhanced Service Plans to meet your organizational requirements.

Contact your Starline Representative today to add services to your Track Busway order, or download detailed Statement of Work documents at **downloads.starlinepower.com**.

Choice of Extended Warranty or Enhanced: Silver, Gold or Platinum Service Plans	Extended 1, 2, 3, 4 years	Silver 1, 2, 3, 4 years	Gold 1, 2, 3, 4 years	Platinum 2, 3, 4 years
Repair or replacement of defective parts throughout life of service agreement	X	X	X	X
24/7 technical support hotline	X	X	X	X
Visual inspection of meters		X	X	X
Visual inspection of all joints for visible gaps		X	X	X
Update firmware and verify all Starline CPMs		X	X	X
Includes travel and expenses		X	X	X
One (1) service site visit per year		X		
Two (2) service site visits per year			X	X
Thermal imaging of all plug-in units			X	X
Thermal imaging of all Busway joints			X	X
Thermal imaging of all end feed units			X	X
Detailed and fully executed thermography report			X	X
Online portal for test reports & documentation			X	X
Spare parts inventory management program				X

Starline, a brand of Legrand, has been a leader in power distribution since 1924. The company's founders led the way for many new technologies in the power distribution equipment industry. Today, Starline continues to pave the way for safer, more innovative and more reliable electrical power distribution systems. Visit **StarlinePower.com** to learn more about our flexible power solutions.

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