

160A Single-Phase (4x40A) 120V



Parts

	busSTRUT END	CABLE GLIDES	HANGERS	JOINERS	LINE FEEDS
SINGLE DECK	<p>20 AMPS M20-3-40-V-(L)</p>		<p>HM-S</p>	<p>M-JB</p>	<p>P40-3-80- UNIV-CB40-B</p>
	<p>40 AMPS M40-3-80-V-(L)</p>				<p>CROSSOVERS</p>
	<p>EMPTY-STRUT M00-(L)</p>				
DOUBLE DECK	<p>DOUBLE-STRUT</p> <p>NOTE: CIRCUITS X AND Y ON BOTTOM CIRCUITS C AND D ON TOP</p>	<p>CG-(LENGTH)</p>	<p>HD-S</p>	<p>D-JB</p>	<p>ICD-S</p>

STEEEL **busbSTRUT** 12 gauge "1 x 1 x 5/8" STEEL **busbSTRUT** features two flat wide symmetricals surrounding a central 1/2" wide flat rib. The **busbSTRUT** Amp circle offers 80s Amps Maximum with **busbSTRUT** 20; alternatively two 40 Amp circles 80s Amps Maximum with **busbSTRUT** 24. 2, 2.5, 3 and 20" length are offered for use to 277V/480. Double ends with standard hardware for trunking.

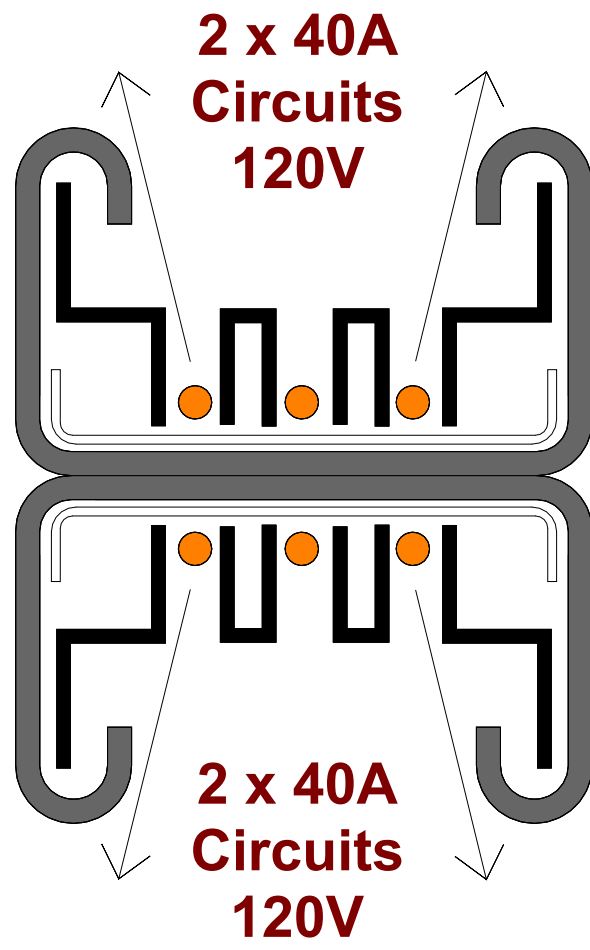
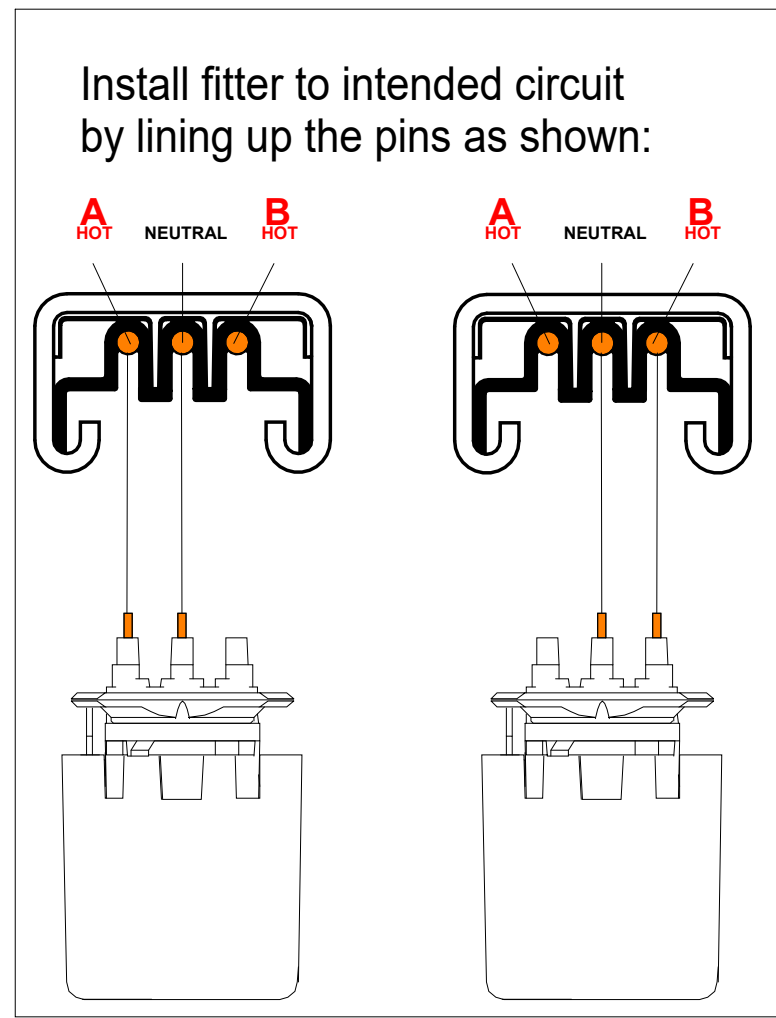
GRADED CABLE with BLAIDE For use with **busbSTRUT** Hangers/Crossovers. Includes cable-glide and cable with factory assembled cable end threaded lashed 14/20" eye bolt.

HANGERS: Single and Double Hangers are for use with **busbSTRUT**. Each is an integral piece of cable-glide and cable with factory assembled cable end threaded stud for use with **busbSTRUT** cable-glide.

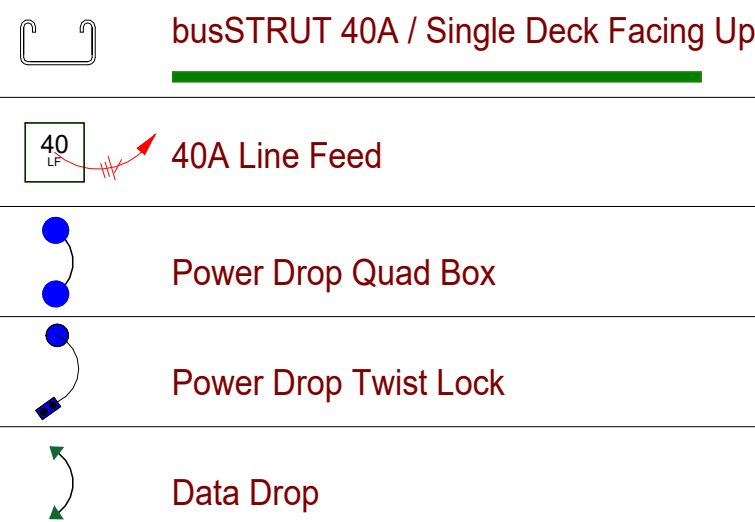
JOINERS: Single and Double are for use with **busbSTRUT**. Lengths are joined together mechanically with the **busbSTRUT** cable-glide. **Joiners** are joined both a Twist Turn Plug-in electrical strip to bridge power. And continuous grinding edges through the bus itself to maintain contact. **Joiners** permanently affixed to copper grounding bar.

LINE FEEDS: For use with Line Feeding single-ended **busbSTRUT**. Junction Box features energy code type "limiter" (breaker/fuse holder) and 3 Pole Fuses. Available up to 277V/480. **Line Feeds** are used anywhere along **busbSTRUT** to reduce the lengths of Hangers.

CROSSOVERS: For use with intersecting **busbSTRUT**. Each is an assembled two-part unit for building and connecting two parallel **busbSTRUT**. The upper piece includes a threaded stud for use with **busbSTRUT** cable-glide.



Legend



Bill of Materials

busSTRUT Parts Total				
Type Comments	Type	Ampacity	Rated Voltage	Count
CABLE GLIDE	CG-15-G			3
DROP	BR-MESH-W-10 with non-metalic JB	20 A	120 V	2
DROP	MD15-2-120-CB15-DC-1 9-W-SB	15 A	120 V	1
DROP	MD40-2-120-CB15-DC- XX-W-ST	20 A	120 V	1
FEED	P40-3-80-UNIV-CB40-W	40 A	277 V	1
FEED	P40-3-80-UNIV-CB40-W	40 A	277 V	1
HANGER	HD-S-W WITH 15' CABLE GLIDE			3
LENGTH	M40-3-80-277-07-G-2B	40 A	277 V	2
Grand total				14

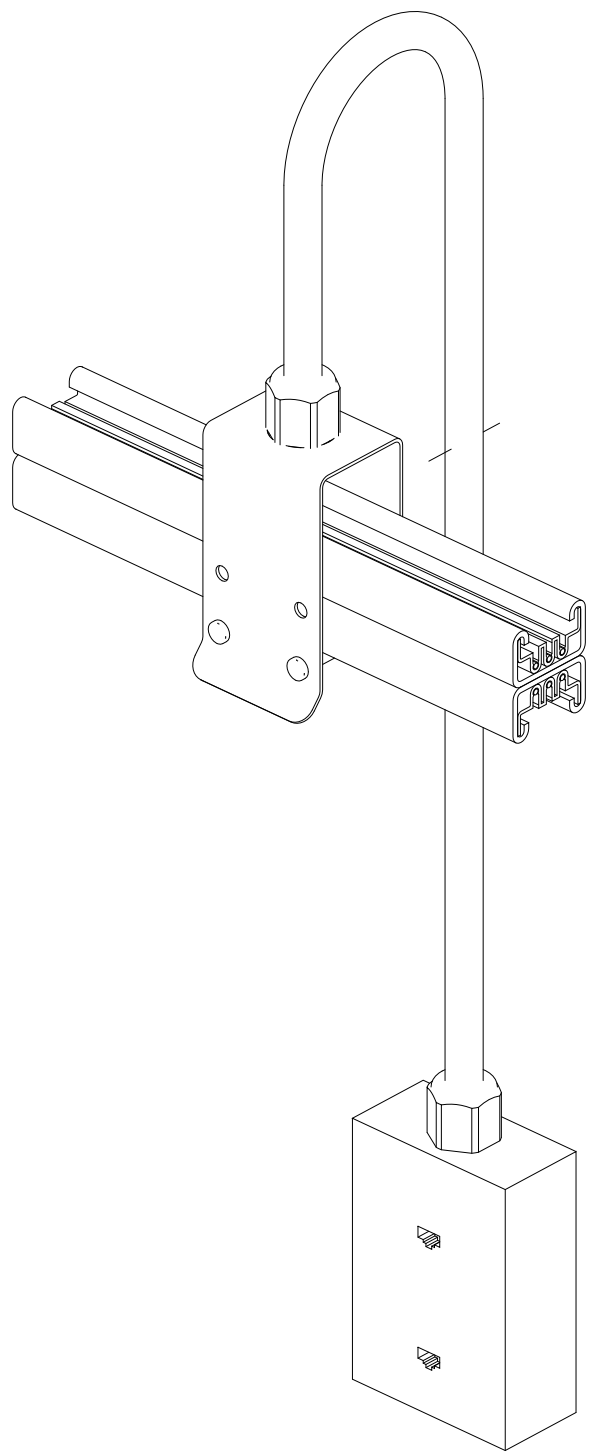
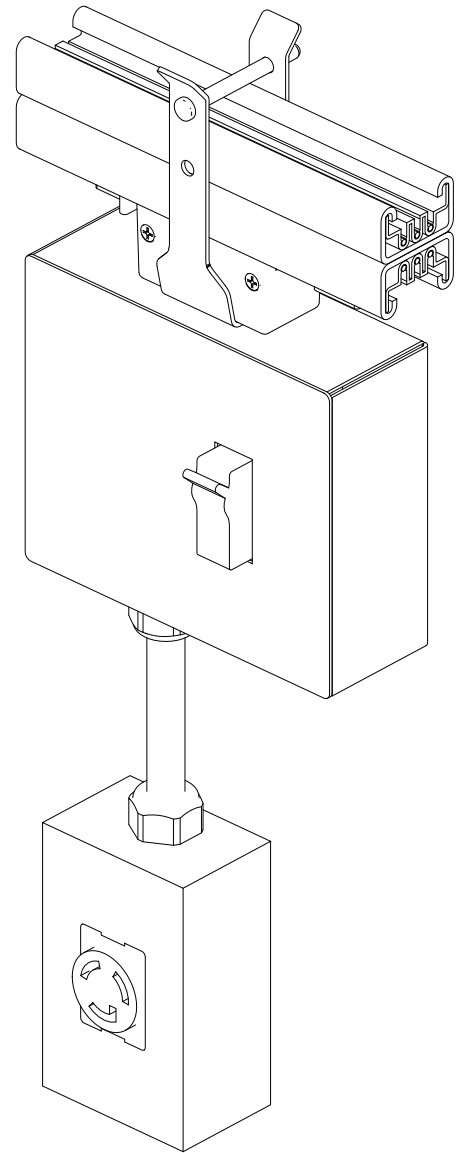
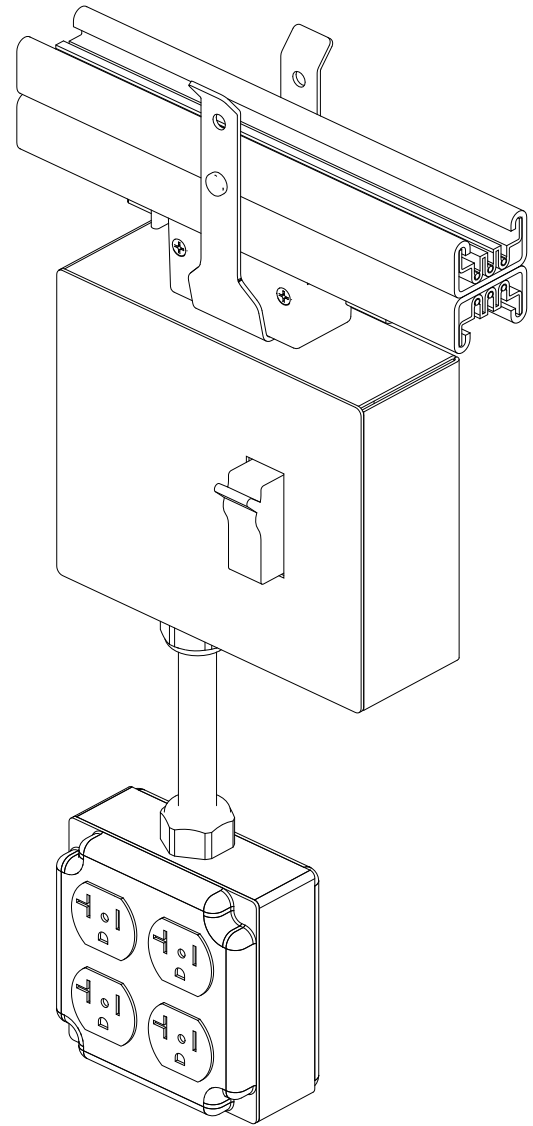
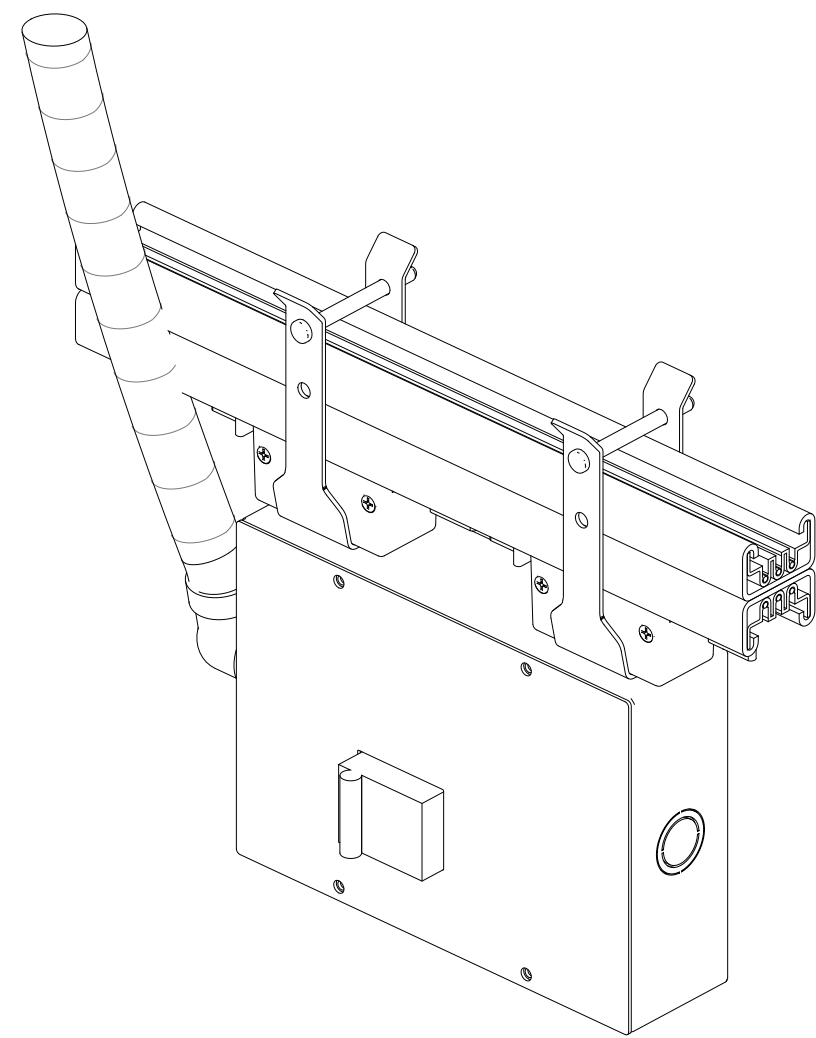
Labor Hours

busSTRUT provides time-tested standard labor hours per part, which are then multiplied by the project's Bill of Materials.

Labor Hrs					
Type Comments	Manufacturer	Count	Standardized Labor Min	Standardized Labor Hrs	Total Hrs
DROP	busSTRUT	4	8.00 min	0.13 h	0.53 h
FEED	busSTRUT	2	15.00 min	0.25 h	0.50 h
HANGER	busSTRUT	3	25.00 min	0.42 h	1.25 h
LENGTH	busSTRUT	2	2.75 min	0.05 h	0.09 h
Grand total					2.38 h

ISO Details

DROPPING POWER



Plan

Coordination of Power/Data drops to equipment detailed on Sheet E-b3 Circuiting Plan.

