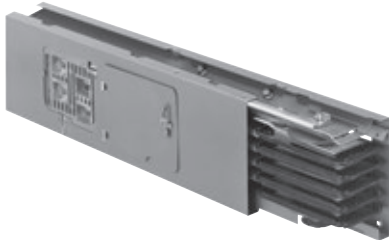
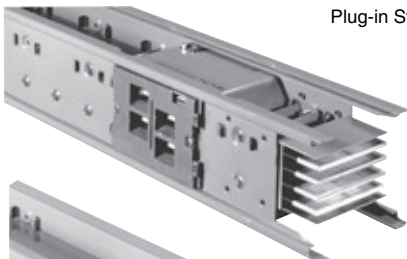




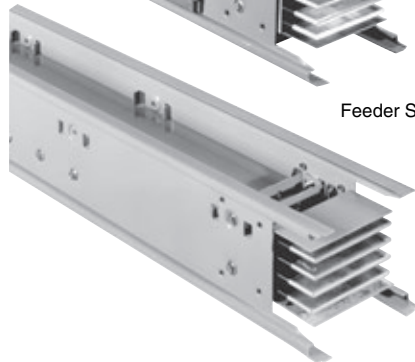
Powerbus 100–400 A pp.



I-Line Plug-in Busway 225–600 A pp.
Plug-in Style



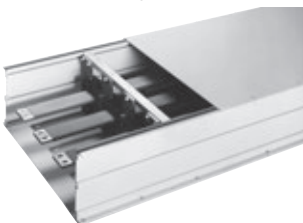
Feeder Style



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I-Line Plug-In Units pp.



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Powerbus™ Busway

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Distinct service advantages make your Busway installation “hassle-free”

- **Missing Link** Program guarantees shipment of Aluminum and Copper indoor Busway in 7 and Aluminum outdoor Busway in 21 working days. Please note that Tap boxes, Flange ends, plug-in units and IP54 rated Busways are not included in this program.
- **Measurement Services** are offered for your critical and complex projects. Schneider Electric will assist with field measurement and assume responsibility for the layout and exact fit of all components. Contact your local Schneider Electric sales office for exact details.
- **Emergency Service;** we are on call 24 hours a day, 7 days a week, 365 days a year. For emergencies, call 1-888-SquareD (1-888-778-2733).
- **Quick Ship** program provides product availability for time sensitive orders. The program is available through the product selectors and offers a limited selection of I-Line busway footage and fittings. Contact your local Schneider Electric sales office for exact details.

Powerbus™ Busway

Powerbus Busway

Class 5600 / Refer to Catalog 5600CT9101

Construction

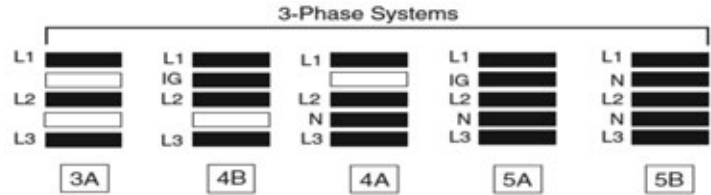
Powerbus busway construction consists of a light-weight electrical grade all-aluminum housing with up to five (5) silver-plated copper conductor bars for maximum electrical efficiency. The total product offer includes straight sections, fittings, accessories, and plug-in units for a total installation. This busway is available in 400 A, 225 A and 100 A ratings. A 50% integral ground is standard.

Straight Sections

Straight sections of busway are available in 10 ft. and 4 ft. lengths in a painted black finish. The Enhanced busway offer includes 10 plug-in openings on each side of a 10 ft. section and 3 plug-in openings on each side of a 4 ft. section.

Metering and Communications Options

Powerbus busway tap boxes and plug-in units are available with optional metering and communication capabilities, which include an integrated display and the ability to remotely monitor the busway.



303W—Powerbus Straight Lengths and Fittings▲—600 V Maximum

Amperage	Component	Configuration 3A	Configuration 4B
		Catalog No.	Catalog No.
100 A	Enhanced Straight 10 ft.	PBCE3A100AST120B	PBCE4B100AST120B
	Enhanced Straight 4 ft.	PBCE3A100AST048B	PBCE4B100AST048B
	Elbow – Left	PBCF3A100ALLB	PBCF4B100ALLB
	Elbow – Right	PBCF3A100ALRB	PBCF4B100ALRB
	Cross Fitting	PBCF3A100ACRB	PBCF4B100ACRB
	Tap Box	PBCF3A100ATBB	PBCF4B100ATBB
225 A	Tap Box w/Meter■◆	PBCF3A100ATBM()B	PBCF4B100ATBM()B
	Enhanced Straight 10 ft.	PBCE3A225AST120B	PBCE4B225AST120B
	Enhanced Straight 4 ft.	PBCE3A225AST048B	PBCE4B225AST048B
	Elbow – Left	PBCF3A225ALLB	PBCF4B225ALLB
	Elbow – Right	PBCF3A225ALRB	PBCF4B225ALRB
	Cross Fitting	PBCF3A225ACRB	PBCF4B225ACRB
400 A	Tap Box	PBCF3A225ATBB	PBCF4B225ATBB
	Tap Box w/Meter■	PBCF3A225ATBM()B	PBCF4B225ATBM()B
	Enhanced Straight 10 ft.	PBCE3A400AST120B	PBCE4B400AST120B
	Enhanced Straight 4 ft.	PBCE3A400AST048B	PBCE4B400AST048B
	Elbow – Left	PBCF3A400ALLB	PBCF4B400ALLB
	Elbow – Right	PBCF3A400ALRB	PBCF4B400ALRB
400 A	Cross Fitting	PBCF3A400ACRB	PBCF4B400ACRB
	Tap Box	PBCF3A400ATBB	PBCF4B400ATBB
	Tap Box w/Meter■	PBCF3A400ATBM()B	PBCF4B400ATBM()B

304W—Straight Lengths and Fittings▲—600 V Maximum

Amperage	Component	Configuration 4A	Configuration 5A	Configuration 5B
		Catalog No.	Catalog No.	Catalog No.
100 A	Enhanced Straight 10 ft.	PBCE4A100AST120B	PBCE5A100AST120B	PBCE5B100AST120B
	Enhanced Straight 4 ft.	PBCE4A100AST048B	PBCE5A100AST048B	PBCE5B100AST048B
	Elbow – Left	PBCF4A100ALLB	PBCF5A100ALLB	PBCF5B100ALLB
	Elbow – Right	PBCF4A100ALRB	PBCF5A100ALRB	PBCF5B100ALRB
	Cross Fitting	PBCF4A100ACRB	PBCF5A100ACRB	PBCF5B100ACRB
	Tap Box	PBCF4A100ATBB	PBCF5A100ATBB	PBCF5B100ATBB
225 A	Tap Box w/Meter■◆	PBCF4A100ATBM()B	PBCF5A100ATBM()B	PBCF5B100ATBM()B
	Enhanced Straight 10 ft.	PBCE4A225AST120B	PBCE5A225AST120B	PBCE5B225AST120B
	Enhanced Straight 4 ft.	PBCE4A225AST048B	PBCE5A225AST048B	PBCE5B225AST048B
	Elbow – Left	PBCF4A225ALLB	PBCF5A225ALLB	PBCF5B225ALLB
	Elbow – Right	PBCF4A225ALRB	PBCF5A225ALRB	PBCF5B225ALRB
	Cross Fitting	PBCF4A225ACRB	PBCF5A225ACRB	PBCF5B225ACRB
400 A	Tap Box	PBCF4A225ATBB	PBCF5A225ATBB	PBCF5B225ATBB
	Tap Box w/Meter■	PBCF4A225ATBM()B	PBCF5A225ATBM()B	PBCF5B225ATBM()B
	Enhanced Straight 10 ft.	PBCE4A400AST120B	PBCE5A400AST120B	PBCE5B400AST120B
	Enhanced Straight 4 ft.	PBCE4A400AST048B	PBCE5A400AST048B	PBCE5B400AST048B
	Elbow – Left	PBCF4A400ALLB	PBCF5A400ALLB	PBCF5B400ALLB
	Elbow – Right	PBCF4A400ALRB	PBCF5A400ALRB	PBCF5B400ALRB
400 A	Cross Fitting	PBCF4A400ACRB	PBCF5A400ACRB	PBCF5B400ACRB
	Tap Box	PBCF4A400ATBB	PBCF5A400ATBB	PBCF5B400ATBB
	Tap Box w/Meter■	PBCF4A400ATBM()B	PBCF5A400ATBM()B	PBCF5B400ATBM()B

Note: Also suitable for DC applications.

- ▲ Busway catalog numbers shown include a black painted finish. Contact your local Schneider Electric representative for a natural aluminum finish option.
- ◆ Replace the () in the Tap Box w/Meter catalog number with the meter suffix number in the table below. The meter will be configured based on the system voltage.
- ◆ For 100 A busway only, add an additional (L) for top cable access or a (U) for bottom cable access.

Accessories

Description	100 A	225 A	400 A
	Catalog No.	Catalog No.	Catalog No.
Standard Hanger	PB100FH	PB225FH	PB400FH
Side Mount Hanger	PB100HFW	PB225HFW	PB400HFW
Vertical Sway Brace	PB100VSB	PB225VSB	PB400VSB
End Closure	PB100AEC	PB225AEC	PB400AEC
Wall Flange	PB100WF	PB225WF	PB400WF
Plug-in Opening Cover	PBPIOCVR	PBPIOCVR	PBPIOCVR

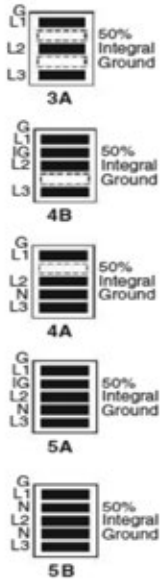
Hooksticks

Meter Suffix	System Voltage	Length	Catalog No.
1	208Y/120 V 304W	8'	515608
2	240 V 303W	14'	515614
4	415/240 V 304W	4'-8' extension pole	PBHS0408
5	480Y/277 V 304W	8'-15' extension pole	PBHS0815

Note: PBHS0408 and PBHS0815 are for single-pole operation on QO and ED circuit breakers

NOTE: For the net shelter IR Rack mounting bracket, refer to 5600CT9101 catalog.

Three-Phase Systems



Powerbus Plug-in Units

Powerbus plug-in units are rated maximum 100 A and may be offered as field installable or factory assembled units. All units conform to NEMA type 1. An optional kit is available for FA and QO units to raise the protection to IP54. This kit raises the QOR unit to moisture protection of IPX3.

Plug-In Units—Circuit breakers not included

Busbar Configuration	Space for One (1) 3 Phase FA Circuit Breaker	3 Spaces for QO/QOB Circuit Breakers	3 Spaces for QO/QOB Circuit Breakers 3 Openings for Receptacles
	Tap Box	FA Unit	QO Unit
	Catalog Number	Catalog Number	Catalog Number
3A	PBPTB3A100	PBPFA3A100	PBPQO3A100
4B	PBPTB4B100	PBPFA4B100	PBPQO4B100
4A	PBPTB4A100	PBPFA4A100	PBPQO4A100
5A	PBPTB5A100	PBPFA5A100	PBPQO5A100

Note: Plug-in tap box to be installed on 100 A and 225 A busways only.

▲ Certain NEMA receptacles can be field installed in this unit. Consult your local Schneider Electric representative.

Factory Assembled Units with FA Circuit Breakers—600 V max

Circuit Breaker Rating	3A Configuration	4A Configuration▲	5A Configuration	5B Configuration
	Catalog Number	Catalog Number	Catalog Number	Catalog Number
15	PBPFA3A100A015	PBPFA4A100A015	PBPFA5A100A015	PBPFA5B100A015
20	PBPFA3A100A020	PBPFA4A100A020	PBPFA5A100A020	PBPFA5B100A020
30	PBPFA3A100A030	PBPFA4A100A030	PBPFA5A100A030	PBPFA5B100A030
40	PBPFA3A100A040	PBPFA4A100A040	PBPFA5A100A040	PBPFA5B100A040
50	PBPFA3A100A050	PBPFA4A100A050	PBPFA5A100A050	PBPFA5B100A050
60	PBPFA3A100A060	PBPFA4A100A060	PBPFA5A100A060	PBPFA5B100A060
70	PBPFA3A100A070	PBPFA4A100A070	PBPFA5A100A070	PBPFA5B100A070
80	PBPFA3A100A080	PBPFA4A100A080	PBPFA5A100A080	PBPFA5B100A080
90	PBPFA3A100A090	PBPFA4A100A090	PBPFA5A100A090	PBPFA5B100A090
100	PBPFA3A100A100	PBPFA4A100A100	PBPFA5A100A100	PBPFA5B100A100

Note: See Section DE3 for FA circuit breaker information.

▲ The 4B configuration catalog numbers are also available the same as the 4A configuration.

120 V Factory Assembled Units

1-pole QO/QOB circuit breakers with NEMA 5-15R or 5-20R receptacles▲

Circuit Breaker		4A Configuration	5A Configuration	5B Configuration
Rating	Type	Catalog Number	Catalog Number	Catalog Number
Type 1		(3 circuit breakers w. 3 duplex receptacles)		
15	QO	PBPQOR4A100M115	PBPQOR5A100M115	PBPQOR5B100M115
15	QOB	PBPQOR4A100M115B	PBPQOR5A100M115B	PBPQOR5B100M115B
20	QO	PBPQOR4A100M120	PBPQOR5A100M120	PBPQOR5B100M120
20	QOB	PBPQOR4A100M120B	PBPQOR5A100M120B	PBPQOR5B100M120B
Type 2		(3 circuit breakers w. 2 duplex/1 locking recept.)		
15	QO	PBPQOR4A100M215	PBPQOR5A100M215	PBPQOR5B100M215
15	QOB	PBPQOR4A100M215B	PBPQOR5A100M215B	PBPQOR5B100M215B
20	QO	PBPQOR4A100M220	PBPQOR5A100M220	PBPQOR5B100M220
20	QOB	PBPQOR4A100M220B	PBPQOR5A100M220B	PBPQOR5B100M220B
Type 3		(3 circuit breakers w. 1 duplex/2 locking recept.)		
15	QO	PBPQOR4A100M315	PBPQOR5A100M315	PBPQOR5B100M315
15	QOB	PBPQOR4A100M315B	PBPQOR5A100M315B	PBPQOR5B100M315B
20	QO	PBPQOR4A100M320	PBPQOR5A100M320	PBPQOR5B100M320
20	QOB	PBPQOR4A100M320B	PBPQOR5A100M320B	PBPQOR5B100M320B
Type 4		(3 circuit breakers w. 3 locking receptacles)		
15	QO	PBPQOR4A100M415	PBPQOR5A100M415	PBPQOR5B100M415
15	QOB	PBPQOR4A100M415B	PBPQOR5A100M415B	PBPQOR5B100M415B
20	QO	PBPQOR4A100M420	PBPQOR5A100M420	PBPQOR5B100M420
20	QOB	PBPQOR4A100M420B	PBPQOR5A100M420B	PBPQOR5B100M420B

Note: See Section DE3 for QO/QOB circuit breaker information.

▲ Many more factory assembled units are available using combinations of 1P/2P/3P circuit breakers with other NEMA receptacles. Maximum of 3 breaker spaces available. Consult your local Schneider Electric representative.

Factory Assembled Units

One (1) QOU circuit breaker and one (1) drop cord with connector▲

Circuit Breaker		NEMA Connector	Drop Cord Length (ft)	4A Configuration	5A Configuration	5B Configuration
Rating	Poles			Catalog Number	Catalog Number	Catalog Number
15 A	1	L5-15	3	PBPQOU4A100COOL515	PBPQOU5A100COOL515	PBPQOU5B100COOL515
20 A	1	L5-20	3	PBPQOU4A100COOL520	PBPQOU5A100COOL520	PBPQOU5B100COOL520
30 A	1	L5-30	3	PBPQOU4A100COOL530	PBPQOU5A100COOL530	PBPQOU5B100COOL530
15 A	2	L6-15	3	PBPQOU4A100COOL615	PBPQOU5A100COOL615	PBPQOU5B100COOL615
20 A	2	L6-20	3	PBPQOU4A100COOL620	PBPQOU5A100COOL620	PBPQOU5B100COOL620
30 A	2	L6-30	3	PBPQOU4A100COOL630	PBPQOU5A100COOL630	PBPQOU5B100COOL630
20 A	3	L21-20	3	PBPQOU4A100COOL2120	PBPQOU5A100COOL2120	PBPQOU5B100COOL2120
30 A	3	L21-30	3	PBPQOU4A100COOL2130	PBPQOU5A100COOL2130	PBPQOU5B100COOL2130
15 A	1	L5-15	6	PBPQOU4A100FOOL515	PBPQOU5A100FOOL515	PBPQOU5B100FOOL515
20 A	1	L5-20	6	PBPQOU4A100FOOL520	PBPQOU5A100FOOL520	PBPQOU5B100FOOL520
30 A	1	L5-30	6	PBPQOU4A100FOOL530	PBPQOU5A100FOOL530	PBPQOU5B100FOOL530
15 A	2	L6-15	6	PBPQOU4A100FOOL615	PBPQOU5A100FOOL615	PBPQOU5B100FOOL615
20 A	2	L6-20	6	PBPQOU4A100FOOL620	PBPQOU5A100FOOL620	PBPQOU5B100FOOL620
30 A	2	L6-30	6	PBPQOU4A100FOOL630	PBPQOU5A100FOOL630	PBPQOU5B100FOOL630
20 A	3	L21-20	6	PBPQOU4A100FOOL2120	PBPQOU5A100FOOL2120	PBPQOU5B100FOOL2120
30 A	3	L21-30	6	PBPQOU4A100FOOL2130	PBPQOU5A100FOOL2130	PBPQOU5B100FOOL2130

Note: See Digest Section 7 for QOU circuit breaker information. Catalog numbers shown have the breaker in the top slot in the front cover and the drop cord in the left position in the base of the unit. Other combinations are available.

▲ Factory assembled units are available using combinations of 1P/2P/3P circuit breakers with other NEMA and IEC type receptacles. Maximum of three drop cords with six breaker spaces available. Consult your local Schneider Electric representative.

Powerbus™ Busway

Plug-In Units

Class 5600 / Refer to Catalog 5600CT9101

Powerbus Plug-in Units With Metering

Powerbus plug-in units with metering are rated maximum 100 A and are offered as factory assembled units. All units conform to NEMA type 1.

Factory Assembled Units with NEMA Connectors and Metering

One (1) ED circuit breaker, one (1) drop cord with connector▲, and one (1) PM5350 meter

Circuit Breaker		NEMA Connector	Drop Cord Length (ft)	4A Configuration	5A Configuration	5B Configuration
Rating	Poles			Catalog Number	Catalog Number	Catalog Number
15 A	1	L5-15	3	PBPEDU4A100COOL515M()	PBPEDU5A100COOL515M()	PBPEDU5B100COOL515M()
20 A	1	L5-20	3	PBPEDU4A100COOL520M()	PBPEDU5A100COOL520M()	PBPEDU5B100COOL520M()
30 A	1	L5-30	3	PBPEDU4A100COOL530M()	PBPEDU5A100COOL530M()	PBPEDU5B100COOL530M()
15 A	2	L6-15	3	PBPEDU4A100COOL615M()	PBPEDU5A100COOL615M()	PBPEDU5B100COOL615M()
20 A	2	L6-20	3	PBPEDU4A100COOL620M()	PBPEDU5A100COOL620M()	PBPEDU5B100COOL620M()
30 A	2	L6-30	3	PBPEDU4A100COOL630M()	PBPEDU5A100COOL630M()	PBPEDU5B100COOL630M()
20 A	3	L21-20	3	PBPEDU4A100COOL2120M()	PBPEDU5A100COOL2120M()	PBPEDU5B100COOL2120M()
30 A	3	L21-30	3	PBPEDU4A100COOL2130M()	PBPEDU5A100COOL2130M()	PBPEDU5B100COOL2130M()
15 A	1	L5-15	6	PBPEDU4A100FOOL515M()	PBPEDU5A100FOOL515M()	PBPEDU5B100FOOL515M()
20 A	1	L5-20	6	PBPEDU4A100FOOL520M()	PBPEDU5A100FOOL520M()	PBPEDU5B100FOOL520M()
30 A	1	L5-30	6	PBPEDU4A100FOOL530M()	PBPEDU5A100FOOL530M()	PBPEDU5B100FOOL530M()
15 A	2	L6-15	6	PBPEDU4A100FOOL615M()	PBPEDU5A100FOOL615M()	PBPEDU5B100FOOL615M()
20 A	2	L6-20	6	PBPEDU4A100FOOL620M()	PBPEDU5A100FOOL620M()	PBPEDU5B100FOOL620M()
30 A	2	L6-30	6	PBPEDU4A100FOOL630M()	PBPEDU5A100FOOL630M()	PBPEDU5B100FOOL630M()
20 A	3	L21-20	6	PBPEDU4A100FOOL2120M()	PBPEDU5A100FOOL2120M()	PBPEDU5B100FOOL2120M()
30 A	3	L21-30	6	PBPEDU4A100FOOL2130M()	PBPEDU5A100FOOL2130M()	PBPEDU5B100FOOL2130M()

Note: For IP54 splash resistant construction, add an "M54" suffix.

Factory Assembled Units with IEC Connectors and Metering

Circuit Breaker		IEC 60309 (18) Connector	Drop Cord Length (ft)	4A Configuration	5A Configuration	5B Configuration
Max. Intensity	Poles			Catalog Number	Catalog Number	Catalog Number
20 A	2	2-Pole, 3 Wire Grounding	3	PBPEDU4A100COOS3420M()	PBPEDU5A100COOS3420M()	PBPEDU5B100COOS3420M()
30 A	2	2-Pole, 3 Wire Grounding	3	PBPEDU4A100COOS3430M()	PBPEDU5A100COOS3430M()	PBPEDU5B100COOS3430M()
60 A	2	2-Pole, 3 Wire Grounding	3	PBPEDU4A100COOS3460M()	PBPEDU5A100COOS3460M()	PBPEDU5B100COOS3460M()
20 A	3	3-Pole, 4 Wire Grounding	3	PBPEDU4A100COOS4420M()	PBPEDU5A100COOS4420M()	PBPEDU5B100COOS4420M()
30 A	3	3-Pole, 4 Wire Grounding	3	PBPEDU4A100COOS4430M()	PBPEDU5A100COOS4430M()	PBPEDU5B100COOS4430M()
60 A	3	3-Pole, 4 Wire Grounding	3	PBPEDU4A100COOS4460M()	PBPEDU5A100COOS4460M()	PBPEDU5B100COOS4460M()
20 A	3	4-Pole, 5 Wire Grounding	3	PBPEDU4A100COOS5420M()	PBPEDU5A100COOS5420M()	PBPEDU5B100COOS5420M()
30 A	3	4-Pole, 5 Wire Grounding	3	PBPEDU4A100COOS5430M()	PBPEDU5A100COOS5430M()	PBPEDU5B100COOS5430M()
60 A	3	4-Pole, 5 Wire Grounding	3	PBPEDU4A100COOS5460M()	PBPEDU5A100COOS5460M()	PBPEDU5B100COOS5460M()

Note: Other IEC connectors are available

See Section DE3 for ED circuit breaker information. Catalog numbers shown have the breaker in the top slot in the front cover and the drop cord in the left position in the base of the unit. Other combinations are available. The Power Meter display will be located below the breaker specs.

For remote monitoring capabilities, an EGX gateway is required. The EGX is located in the tap box with metering or in a separate EGX plug-in unit listed below. The units with metering can be daisy-chained together back to the EGX gateway. A maximum of 30 units should be daisy-chained together to one EGX.

- ▲ Factory assembled units are available using combinations of 1P/2P/3P circuit breakers with other NEMA and IEC type receptacles. Maximum of three drop cords with three breaker spaces available. Consult your local Schneider Electric representative.
- For the offer without metering , do not use suffix "M" or any numbers following.

EGX Plug-in Unit (480 V Max)

4A Configuration	5A Configuration	5B Configuration
Catalog No.	Catalog No.	Catalog No.
PBPEGX4A100T	PBPEGX5A100T	PBPEGX5B100T

Note: For remote monitoring capabilities, an EGX gateway is required. The EGX is located in the tap box with metering or in a separate EGX plug-in unit listed above. Units with metering can be daisy-chained together back to the EGX gateway.

A maximum of 30 units should be daisy-chained together to one EGX.

NEMA Receptacles and Connectors

Wiring	Voltage	NEMA Non-Locking			NEMA Locking		
		15 A	20 A	30 A	15 A	20 A	30 A
2-pole, 3-wire grounding	120	5-15	5-20	5-30	L5-15	L5-20	L5-30
2-pole, 3-wire grounding	240	6-15	6-20	6-30	L6-15	L6-20	L6-20
3-pole, 4-wire grounding	120/240	14-15	14-20	14-30	—	L14-20	L14-30
3-pole, 4-wire grounding	3Ø 240	15-15	15-20	15-30	—	L15-20	L15-30
4-pole, 5-wire grounding	3ØY 120/208	—	—	—	—	L21-20	L21-30

Note: Additional NEMA and IEC type receptacles and connectors are available.

Meter Suffix	System Voltage
1	208Y/120 V 3Ø4W
2	240 V 3Ø3W
4	415/240 V 3Ø4W
5	480Y/277 V 3Ø4W

Note: Replace () in above table with the appropriate meter suffix number.
Connectors must be rated for appropriate voltages.

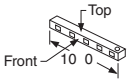
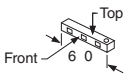
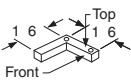
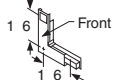
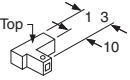
Short Circuit Current Rating

Product	Circuit Max. Intensity KA, RMS Symmetrical
	UL3-Cycle test
100 A	14 Ka
225 A	22 Ka
400 A	35 Ka

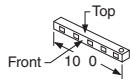
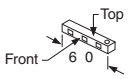
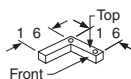
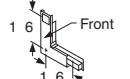
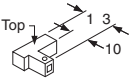
Note: See Catalogue 5600CT9101 for fuse and circuit breaker series connected ratings

DE8-4

Standard Components—Aluminum

Aluminum							
Number of Poles and Voltage	Rating (A)						
		10'-0" Length Catalog No.	6'-0" Length Catalog No.	Front Elbow▲ Catalog No.	Top Elbow▲ Catalog No.	Plug-In Tee Catalog No.	Plug-In Tap Box Catalog No.
3Ø3W	225	AP30210	AP3026	AP302LF ()	AP302LT ()	PTT23W	PTB302
	400	AP30410	AP3046	AP304LF ()	AP304LT ()	PTT33W	PBTB306
	600	AP30610	AP3066	AP306LF ()	AP306LT ()	PTT43W	PBTB306
3Ø4W	225	AP50210	AP5026	AP502LF ()	AP502LT ()	PTT24W	PTB502
	400	AP50410	AP5046	AP504LF ()	AP504LT ()	PTT34W	PBTB506
	600	AP50610	AP5066	AP506LF ()	AP506LT ()	PTT44W	PBTB506
3Ø3W + Integral Ground Bus	225	AP302G10	AP302G6	AP302GLF ()	AP302GLT ()	PTT23WG	PTB302G
	400	AP304G10	AP304G6	AP304GLF ()	AP304GLT ()	PTT33WG	PBTB306G
	600	AP306G10	AP306G6	AP306GLF ()	AP306GLT ()	PTT43WG	PBTB306G
3Ø4W + Integral Ground Bus	225	AP502G10	AP502G6	AP502GLF ()	AP502GLT ()	PTT24WG	PTB502G
	400	AP504G10	AP504G6	AP504GLF ()	AP504GLT ()	PTT34WG	PBTB506G
	600	AP506G10	AP506G6	AP506GLF ()	AP506GLT ()	PTT44WG	PBTB506G

Standard Components—Copper

Aluminum							
Number of Poles and Voltage	Rating (A)						
		10'-0" Length Catalog No.	6'-0" Length Catalog No.	Front Elbow▲ Catalog No.	Top Elbow▲ Catalog No.	Plug-In Tee Catalog No.	Plug-In Tap Box Catalog No.
3Ø3W	225	CP30210	CP3026	CP302LF ()	CP302LT ()	PTT23W	PTB302
	400	CP30410	CP3046	CP304LF ()	CP304LT ()	PTT33W	PBTB306
	600	CP30610	CP3066	CP306LF ()	CP306LT ()	PTT33W	PBTB306
3Ø4W	225	CP50210	CP5026	CP502LF ()	CP502LT ()	PTT24W	PTB502
	400	CP50410	CP5046	CP504LF ()	CP504LT ()	PTT34W	PBTB506
	600	CP50610	CP5066	CP506LF ()	CP506LT ()	PTT34W	PBTB506
3Ø3W + Integral Ground Bus	225	CP302G10	CP302G6	CP302GLF ()	CP302GLT ()	PTT23WG	PTB302G
	400	CP304G10	CP304G6	CP304GLF ()	CP304GLT ()	PTT33WG	PBTB306G
	600	CP306G10	CP306G6	CP306GLF ()	CP306GLT ()	PTT33WG	PBTB306G
3Ø4W + Integral Ground Bus	225	CP502G10	CP502G6	CP502GLF ()	CP502GLT ()	PTT24WG	PTB502G
	400	CP504G10	CP504G6	CP504GLF ()	CP504GLT ()	PTT34WG	PBTB506G
	600	CP506G10	CP506G6	CP506GLF ()	CP506GLT ()	PTT34WG	PBTB506G

▲ Add "I" for inside elbow; add "O" for outside elbow.

Common Accessories

Ampere Rating		Hanger				End Closure	Wall Flange	Floor Flange
Aluminum	Copper	Flatwise	Vertical	Edgewise	Seismic▲	Catalog No.	Catalog No.	Catalog No.
225	225	HP2F	HP2V	HP3E	HP2SH	ACP2EC	ACP2WF	ACP2FF
400	400	HP3F	HP3V	HP3E	HP3SH	ACP3EC	ACP3WF	ACP3FF
—	600	HP3F	HP3V	HP3E	HP3SH	ACP3EC	ACP3WF	ACP3FF
600	—	HP5F	HP4V	HP5E	HP5SH	ACP4EC	ACP4WF	ACP4FF

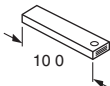
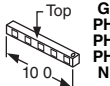
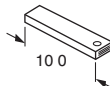
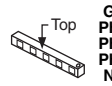
▲ For seismic applications, seismic hangers must be used with horizontal mount flatwise or edgewise busway. Vertical mount busway may use standard fixed or spring hangers.

I-Line™ II Busway

800 A–5000 A Busway

Class 5615 / Refer to Catalog 5600CT9101

Straight Lengths (10 ft.) and Plug-in Tap Box

Number of Poles	Ampere Rating	Aluminum		Both Aluminum and Copper		Copper	
							
		10'0" Length		Plug-In Tap Box ♦ ♦	10'0" Length		
		Feeder Style▲	Plug-In Style■		Feeder Style▲	Plug-In Style■	
		Catalog No.	Catalog No.	Catalog No.	Catalog No.	Catalog No.	
3Ø3W + Integral Ground Bus	800	AF2308G10ST	AP2308G10ST	PTB316G ()	CF2308G10ST	CP2308G10ST	
	1000	AF2310G10ST	AP2310G10ST	PTB316G ()	CF2310G10ST	CP2310G10ST	
	1200	AF2312G10ST	AP2312G10ST	PTB316G ()	CF2312G10ST	CP2312G10ST	
	1350	AF2313G10ST	AP2313G10ST	PTB316G ()	CF2313G10ST	CP2313G10ST	
	1600	AF2316G10ST	AP2316G10ST	PTB316G ()	CF2316G10ST	CP2316G10ST	
	2000	AF2320G10ST	AP2320G10ST	—	CF2320G10ST	CP2320G10ST	
	2500	AF2325G10ST	AP2325G10ST	—	CF2325G10ST	CP2325G10ST	
	3000	AF2330G10ST	AP2330G10ST	—	CF2330G10ST	CP2330G10ST	
	3200	—	—	—	CF2332G10ST	CP2332G10ST	
	4000	AF2340G10ST	AP2340G10ST	—	CF2340G10ST	CP2340G10ST	
5000	—	—	—	CF2350G10ST	CP2350G10ST		
3Ø4W + Integral Ground Bus	800	AF2508G10ST	AP2508G10ST	PTB516G ()	CF2508G10ST	CP2508G10ST	
	1000	AF2510G10ST	AP2510G10ST	PTB516G ()	CF2510G10ST	CP2510G10ST	
	1200	AF2512G10ST	AP2512G10ST	PTB516G ()	CF2512G10ST	CP2512G10ST	
	1350	AF2513G10ST	AP2513G10ST	PTB516G ()	CF2513G10ST	CP2513G10ST	
	1600	AF2516G10ST	AP2516G10ST	PTB516G ()	CF2516G10ST	CP2516G10ST	
	2000	AF2520G10ST	AP2520G10ST	—	CF2520G10ST	CP2520G10ST	
	2500	AF2525G10ST	AP2525G10ST	—	CF2525G10ST	CP2525G10ST	
	3000	AF2530G10ST	AP2530G10ST	—	CF2530G10ST	CP2530G10ST	
	3200	—	—	—	CF2532G10ST	CP2532G10ST	
	4000	AF2540G10ST	AP2540G10ST	—	CF2540G10ST	CP2540G10ST	
	5000	—	—	—	CF2550G10ST	CP2550G10ST	

▲ Feeder style also available in lengths from 16 to 119 inches.

■ Plug-in style also available in 4, 6, and 8 foot lengths.

♦ To complete the catalog number, replace the blank with an "H" for the plug-in unit to be mounted on horizontally—oriented busway and "V" for the plug-in unit to be mounted on vertically oriented busway

★ Cannot be used for 800 A copper busway.

Fittings (All Feeder Style)

Number of Poles	Ampere Rating	Aluminum			Copper		
							
		End Tap Box	Edgewise Elbow	Flatwise Elbow	End Tap Box	Edgewise Elbow	Flatters Elbow
		Catalog No.	Catalog No.	Catalog No.	Catalog No.	Catalog No.	Catalog No.
3Ø3W with Integral Ground Bus	800	AF2308GETBMB	AF2308GLEM11	AF2308GLFM11	CF2308GETBMB	CF2308GLEM11	CF2308GLFM11
	1000	AF2310GETBMB	AF2310GLEM11	AF2310GLFM12	CF2310GETBMB	CF2310GLEM11	CF2310GLFM11
	1200	AF2312GETBMB	AF2312GLEM11	AF2312GLFM12	CF2312GETBMB	CF2312GLEM11	CF2312GLFM12
	1350	AF2313GETBMB	AF2313GLEM11	AF2313GLFM13	CF2313GETBMB	CF2313GLEM11	CF2313GLFM12
	1600	AF2316GETBMB	AF2316GLEM11	AF2316GLFM13	CF2316GETBMB	CF2316GLEM11	CF2316GLFM12
	2000	AF2320GETBMB	AF2320GLEM11	AF2320GLFM15	CF2320GETBMB	CF2320GLEM11	CF2320GLFM13
	2500	AF2325GETBMB	AF2325GLEM11	AF2325GLFM17	CF2325GETBMB	CF2325GLEM11	CF2325GLFM15
	3000	AF2330GETBMB	AF2330GLEM11	AF2330GLFM18	CF2330GETBMB	CF2330GLEM11	CF2330GLFM16
	3200	—	—	—	CF2332GETBMB	CF2332GLEM11	CF2332GLFM17
	4000	AF2340GETBMB	AF2340GLEM11	AF2340GLFM22	CF2340GETBMB	CF2340GLEM11	CF2340GLFM21
3Ø4W with Integral Ground Bus	5000	—	—	—	CF2350GETBMB	CF2350GLEM11	CF2350GLFM21
	800	AF2508GETBMB	AF2508GLEM11	AF2508GLFM11	CF2508GETBMB	CF2508GLEM11	CF2508GLFM11
	1000	AF2510GETBMB	AF2510GLEM11	AF2510GLFM12	CF2510GETBMB	CF2510GLEM11	CF2510GLFM11
	1200	AF2512GETBMB	AF2512GLEM11	AF2512GLFM12	CF2512GETBMB	CF2512GLEM11	CF2512GLFM12
	1350	AF2513GETBMB	AF2513GLEM11	AF2513GLFM13	CF2513GETBMB	CF2513GLEM11	CF2513GLFM12
	1600	AF2516GETBMB	AF2516GLEM11	AF2516GLFM13	CF2516GETBMB	CF2516GLEM11	CF2516GLFM12
	2000	AF2520GETBMB	AF2520GLEM11	AF2520GLFM15	CF2520GETBMB	CF2520GLEM11	CF2520GLFM13
	2500	AF2525GETBMB	AF2525GLEM11	AF2525GLFM17	CF2525GETBMB	CF2525GLEM11	CF2525GLFM15
	3000	AF2530GETBMB	AF2530GLEM11	AF2530GLFM18	CF2530GETBMB	CF2530GLEM11	CF2530GLFM16
	3200	—	—	—	CF2532GETBMB	CF2532GLEM11	CF2532GLFM17
	4000	AF2540GETBMB	AF2540GLEM11	AF2540GLFM22	CF2540GETBMB	CF2540GLEM11	CF2540GLFM21
	5000	—	—	—	CF2550GETBMB	CF2550GLEM11	CF2550GLFM21

Accessories

Ampere Rating		Hangers					End Closure	Wall Flange
Al	Cu	Horizontal Mount Busway		Vertical Mount Busway		Seismic▲	Catalog No.	Catalog No.
		Flatwise	Edgewise	Fixed	Spring			
—	800	HF38F	HF43E	HFV	See page DE8-7	HF38SH	ACF38EC	ACF38WF
800	1000	HF43F	HF43E	HFV		HF43SH	ACF43EC	ACF43WF
1000	1200	HF53F	HF58E	HFV		HF53SH	ACF53EC	ACF53WF
—	1350	HF58F	HF58E	HFV		HF58SH	ACF58EC	ACF58WF
1200	—	HF63F	HF67E	HFV		HF63SH	ACF63EC	ACF63WF
—	1600	HF67F	HF67E	HFV		HF67SH	ACF67EC	ACF67WF
1350	—	HF73F	HF78E	HFV		HF73SH	ACF73EC	ACF73WF
—	2000	HF78F	HF78E	HFV		HF78SH	ACF78EC	ACF78WF
1600	—	HF88F	HF88E	HFV		HF88SH	ACF88EC	ACF88WF
2000	2500	HF13F	HF13E	HFV		HF13SH	ACF13EC	ACF13WF
—	3000	HF15F	HF15E	HFV		HF15SH	ACF15EC	ACF15WF
2500	3200	HF16F	HF16E	HFV		HF16SH	ACF17EC	ACF17WF
3000	—	HF19F	HF19E	HFV		HF19SH	ACF19EC	ACF19WF
4000	—	HF26F	HF26E	HFV		HF26SH	ACF26EC	ACF26WF
—	4000	HF24F	HF24E	HFV		HF24SH	ACF24EC	ACF24WF
—	5000	HF25F	HF26E	HFV		HF25SH	ACF25EC	ACF25WF

▲ For seismic applications, seismic hangers must be used with horizontal mount flatwise or edgewise busway. Vertical mount busway may use standard fixed or spring hangers.

Miscellaneous Additions and Accessories

Additions and Accessories

Description

Integral Weather Seal Vapor Barrier

(Required when busway passes through an exterior wall or roof)

Roof Collar

(Required when busway penetrates an exterior roof)

Roof Flange Kit

(Optional when busway penetrates an exterior roof)

Hanger, Horizontal Flatwise and Edgewise

Hangers, Vertical Fixed (HF-V)

Hangers, Vertical Spring

Aluminum Busway

- 800 A through 1200 A
- 2000 A through 2500 A
- 3000 A through 4000 A

Copper Busway

- 800 A through 1200 A HFVS1
- 1350 A through 2000 A HFVS2
- 2500 A through 5000 A HFVS8

Lugs – Other than Square D Standard

Lugs – Square D Standard added to flanged end

Sway Brace Collar HP1SBC

Assembly Tool AT2

Finger Protection to IP2X

(For each plug-in opening) Plug-in Busway only

Note: Finger protection can be ordered on I-Line II (800–5000 A) plug-in busway only.

I-Line™ II Busway

Additions, Accessories, and Electrical Data

Class 5600 / Refer to Catalog 5600CT9101

Standard Straight Lengths

The basic component of a busway system is a straight section with a “joint pak” factory affixed to one end. Plug-in busway is available in standard lengths of 4, 6, 8, and 10 feet. Feeder busway is available in lengths from 16” to 120” in increments of 1”.

Riser Busway

We also offer a “Riser” Plug-In busway with openings on one side only for riser installations. This busway offers the same short circuit ratings as our standard plug-in busway.

Indoor Drip Resistant and IP54 Splash Resistant Busway

These water resistant features are available as an option for indoor plug-in and feeder busway.

Outdoor Construction

Outdoor construction is only available in feeder busway. It prevents the entry of rain and can be installed in any mounting position.

High Short Circuit Bracing

I-Line busway is available with either standard short circuit bracing or high short circuit bracing. Electrical Data for I-Line II Busway, page 1-10 lists maximum short circuit ratings for each busway type and rating.

Hangers

Indoor horizontal busway requires one hanger for every 10 feet of busway. Vertical indoor busway requires one hanger for every 16 feet. Outdoor feeder busway requires one hanger for every 5 feet in horizontal mounting and one hanger for every 10 feet in vertical mounting.

Elbows

90° elbows are standard. 91° elbows to 179° elbows in 1° increments are also available.

Tee

90° flatwise tees fittings are standard. Edgewise tees and crosses are also available.

Indoor Tap Boxes

Feeder cable tap boxes are used at the end (-ETBMB) or center (-CTB) of a busway run and incorporate a short section of busway into their construction. See 5600CT9101 for the length of the tap box. Plug-in cable tap boxes are plugged into the side of the busway (at any opening except the very last opening of a run). Lugs other than standard mechanical lugs are available.

Service Heads

Service heads are of outdoor construction and include Square D™ brand standard lugs.

Unfused Reducer

Unfused reducers are used to reduce from a higher amperage busway to a lower amperage.

Note: The National Electric Code does not allow the use of unfused reducers in vertical riser installations. Refer to the NEC for restrictions in industrial installations.

Fused or Circuit Breaker Cubicle

These are used as in-line overcurrent protection devices. They can be used in conjunction with an unfused reducer to offer a device which reduces a run of busway in ampacity and offers overcurrent protection.

I-Line to I-Line II Adapter

This adapter is used to join I-Line II busway (800 A–5000 A) to existing installations of original I-Line busway. If connecting to an existing “slot end” of original I-Line, use a “bolt end” adapter (-12B), and vice versa.

Expansion Fittings

The expansion fitting is built into a 3 ft. – 4 in. straight length for 800 A–5000 A and a 5 feet – 0 inch straight length for 225 A–600 A. Limit of expansion or contraction is $\pm 1\frac{1}{2}$ inches. Not available in outdoor construction.

Bussed Transformer Connection

A bussed transformer connection is used when the busway physically attaches (other than cable) to a three phase transformer. For power company vault termination information, consult the factory.

Transformer Taps

Transformer taps are used to make cable connection to transformers. Lugs other than standard Square D brand lugs are available.

Note that taps need **NOT** be located directly above transformers for cable connections.

Finger Protection to IP2X

This feature provides improved protection from accidental contact with live parts during insertion and removal of plug-in units. This feature meets the IP2X rating as defined by IEC529 standard.

Electrical Data for I-Line II Busway

Standards:	UL857 (File Number E22182); CSA C22.2 No. 27-1994; IEC 439 Part 2
Systems:	AC—3Ø3W, 3Ø4W, 1Ø2W, 1Ø3W. DC—2-pole. All neutrals are 100% capacity.
Voltage:	600 volts AC/DC, 50 Hz and 60 Hz
Integral Ground:	50% capacity as standard for 800 A to 5000 A, as an option on 225 A to 600 A
Enclosure:	Indoor, indoor drip resistant and outdoor (indoor drip resistant and outdoor are available in I-Line II [800–5000 A] busway only)

Short Circuit Ratings: CUL 3 Cycle▲Test (KA, RMS Symmetrical)

Ampere Rating	Aluminum				Copper			
	AOF2 AF2	AOFH2 AFH2	AP AP2/AR2	APH APH2/ARH2	COF2 CF2	COFH2 CFH2	CP CP2/CR2	CPH CPH2/CRH2
225	—	—	22	—	—	—	22	—
400	—	—	22	42	—	—	22	42
600	—	—	22	42	—	—	22	42
800	50	85	50	75	50	85	50	75
1000	50	100	50	100	50	85	50	75
1200	50	100	50	100	50	100	50	100
1350	50	100	50	100	50	100	50	100
1600	50	100	50	100	50	100	50	100
2000	100	100	125	150	50	100	65	100
2500	100	150	125	150	100	150	125	150
3000	100	150	125	150	100	150	125	150
3200	—	—	—	—	100	150	125	150
4000	150	200	200	—	150	200	200	—
5000	—	—	—	—	150	200	200	—

▲ 6-cycle and 30-cycle, and fuse/circuit breaker series connected ratings are available. Please reference 5600CT9101

I-Line™ II Busway

Plug-In Units

Class 5615, 5630 / Refer to Catalog 5600CT9101



"Hook-Swing" Mounting

Fusible Plug-in Units, Class R Fuse Kits

Fusible Plug-In Units

Ampere Rating	Type of Connection	240 Vac 3-Pole, 3 Fuse + G	120/208 Vac, (240 Vac Max.) 4-Pole, 3 Fuse + G	600 Vac 3-Pole, 3 Fuse + G	347/600 Vac, (600 Vac Max.) 4-Pole, 3 Fuse + G
		Catalog No.	Catalog No.	Catalog No.	Catalog No.
30 60 100 200 200▲ 400 600	Plug-in	PQ3203G PQ3206G PQ3210G PQ3220G PS3220G ▲ PBQ3640G ■ PBQ3660G ■	PQ4203G PQ4206G PQ4210G PQ4220G PS4220G ▲ PBQ4640G ■ PBQ4660G ■	PQ3603G PQ3606G PQ3610G PQ3620G PS3620G ▲ PBQ3640G ■ PBQ3660G ■	PQ4603G PQ4606G PQ4610G PQ4620G PS4620G ▲ PBQ4640G ■ PBQ4660G ■
800 1000 1200	Bolt-on	— — —	— — —	PTQ36080G () ◆ PTQ36100G () ◆ PTQ36120G () ◆	PTQ46080G () ◆ PTQ46100G () ◆ PTQ46120G () ◆

Class J Fuses – Provisions for installing Class J fuses are included in 30 through 600 A fusible devices. Conversion to Class J fuse spacing requires relocating the load side fuse base assembly from standard Class H fuse location to an alternate position in the enclosure.

- ▲ For use on vertical riser applications only.
- For vertical riser applications order auxiliary mounting kit—Catalog Number PBQ4060RMK.
- ◆ This device uses bolt-on connection. It may be used only on plug-in busway with same number of poles. Add suffix (H) for horizontal applications and suffix (V) for vertical applications. Not for use on 800 A copper busway.

Note: For IP54 splash resistant construction, add "M54" suffix. IP54 price adder is 15%.

There are three different types of plug-in connections:

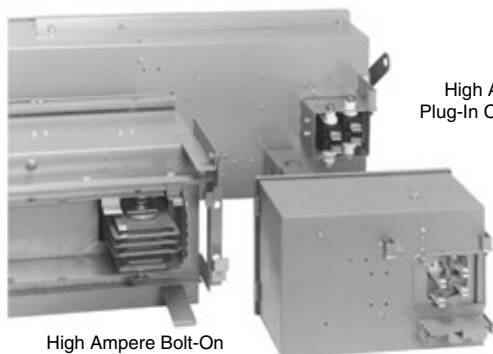
- High Ampere Bolt-On Connection (catalog numbers that begin with "PT") - bolted "joint pack" type connection
 - Used on I-Line/I-Line II busway amperages 800 A aluminum and greater.
 - Used on I-Line/I-Line II busway amperages 1000 A copper and greater.
- High Ampere Plug-In Connection (catalog numbers that begin with "PB") - individual bolted jaws for connections
- Low Ampere Plug-In Connection (catalog numbers that begin with "P," except for "PB" and "PT")—spring pressure jaws for connection

Class R Fuse Kits★

Switch Size (A)	Voltage Rating	Kit ★ Catalog No.
30	250 V ▼ 600 V ▼	QMB30R QMB36R
60	250 V ▼ 600 V ▼	QMB36R QMB60R
100 200	All	HRK1020
400 600	All	QMB4060R

Class R Fuse Kits when installed reject all but class R fuses.

- ★ Kit must be field installed.
- ▼ Contains parts to convert two units.



High Ampere Bolt-On Connection

Low Ampere Plug-In Connection

F-Frame Circuit Breaker Plug-in Units

Circuit Breaker Frame	Trip Rating (A)	240 Vac 3-Pole + G	120/208 Vac (240 Vac Max.) 3Ø4W + G	480 Vac 3-Pole + G	600 Vac 3-Pole + G	347/600 Vac (600 Vac Max.) 3Ø4W + G
		Catalog No.	Catalog No.	Catalog No.	Catalog No.	Catalog No.
FA	15	PFA32015G	PFA32015GN	PFA34015G	PFA36015G	PFA36015GN
	20	PFA32020G	PFA32020GN	PFA34020G	PFA36020G	PFA36020GN
	30	PFA32030G	PFA32030GN	PFA34030G	PFA36030G	PFA36030GN
	40	PFA32040G	PFA32040GN	PFA34040G	PFA36040G	PFA36040GN
	50	PFA32050G	PFA32050GN	PFA34050G	PFA36050G	PFA36050GN
	60	PFA32060G	PFA32060GN	PFA34060G	PFA36060G	PFA36060GN
	70	PFA32070G	PFA32070GN	PFA34070G	PFA36070G	PFA36070GN
	80	PFA32080G	PFA32080GN	PFA34080G	PFA36080G	PFA36080GN
	90	PFA32090G	PFA32090GN	PFA34090G	PFA36090G	PFA36090GN
	100	PFA32100G	PFA32100GN	PFA34100G	PFA36100G	PFA36100GN
FH	15	—	—	—	PFH36015G	PFH36015GN
	20	—	—	—	PFH36020G	PFH36020GN
	30	—	—	—	PFH36030G	PFH36030GN
	40	—	—	—	PFH36040G	PFH36040GN
	50	—	—	—	PFH36050G	PFH36050GN
	60	—	—	—	PFH36060G	PFH36060GN
	70	—	—	—	PFH36070G	PFH36070GN
	80	—	—	—	PFH36080G	PFH36080GN
	90	—	—	—	PFH36090G	PFH36090GN
	100	—	—	—	PFH36100G	PFH36100GN

▲ All these devices use plug-in connections.

Surge Protective Device Plug-In Units

All Busway SPD Plug-In Units include as standard:

- Individually Fused Modules
- Circuit Breaker Disconnect
- Cover Mounted Diagnostic Panel
- EMI/RFI Filter
- Audible Alarm with Test/Disable/Enable

Surge Capacity

System Voltage	60,000 Amperes Per Phase	240,000 Amperes Per Phase
	Catalog Number	Catalog Number
208Y/120 Vac, 3Ø4W/Grd.	PIU2IMA16	PIU2IMA24
240Y/120 Vac, 3Ø4W/Grd.	PIU3IMA16	PIU3IMA24
480Y/277 Vac, 3Ø4W/Grd.	PIU4IMA16	PIU4IMA24
600Y/347 Vac, 3Ø4W/Grd.	PIU8IMA16	PIU8IMA24

Note: For IP54 splash resistant construction, add an "M54" suffix. The IP54 price adder is 15%.

Options

Description	When Required Add Suffix to Catalog Number
Surge Counter and Dry Contacts	—
Remote Monitor with Dry Contacts	M

I-Line™ II Busway

PowerPact™ H-, and J-Frame Plug-in Units Class 5600 / Refer to Catalog 5600CT9101

H-Frame Circuit Breaker Plug-in Units—Standard (80%) Rated—3Ø3W

Trip Rating Ampere	D Interrupting	G Interrupting	J Interrupting	L Interrupting
	Catalog No.	Catalog No.	Catalog No.	Catalog No.
3Ø3W + G, 600 Vac 50/60 Hz				
15	PHD36015G	PHG36015G	PHJ36015G	PHL36015G
20	PHD36020G	PHG36020G	PHJ36020G	PHL36020G
30	PHD36030G	PHG36030G	PHJ36030G	PHL36030G
40	PHD36040G	PHG36040G	PHJ36040G	PHL36040G
50	PHD36050G	PHG36050G	PHJ36050G	PHL36050G
60	PHD36060G	PHG36060G	PHJ36060G	PHL36060G
70	PHD36070G	PHG36070G	PHJ36070G	PHL36070G
80	PHD36080G	PHG36080G	PHJ36080G	PHL36080G
90	PHD36090G	PHG36090G	PHJ36090G	PHL36090G
100	PHD36100G	PHG36100G	PHJ36100G	PHL36100G
125	PHD36125G	PHG36125G	PHJ36125G	PHL36125G
150	PHD36150G	PHG36150G	PHJ36150G	PHL36150G

H-Frame Circuit Breaker Plug-in Units—Standard (80%) Rated—3Ø4W

Trip Rating Ampere	D Interrupting	G Interrupting	J Interrupting	L Interrupting
	Catalog No.	Catalog No.	Catalog No.	Catalog No.
3Ø4W + G, 277/480 Vac (600 Vac Max.) 50/60 Hz				
15	PHD36015GN	PHG36015GN	PHJ36015GN	PHL36015GN
20	PHD36020GN	PHG36020GN	PHJ36020GN	PHL36020GN
30	PHD36030GN	PHG36030GN	PHJ36030GN	PHL36030GN
40	PHD36040GN	PHG36040GN	PHJ36040GN	PHL36040GN
50	PHD36050GN	PHG36050GN	PHJ36050GN	PHL36050GN
60	PHD36060GN	PHG36060GN	PHJ36060GN	PHL36060GN
70	PHD36070GN	PHG36070GN	PHJ36070GN	PHL36070GN
80	PHD36080GN	PHG36080GN	PHJ36080GN	PHL36080GN
90	PHD36090GN	PHG36090GN	PHJ36090GN	PHL36090GN
100	PHD36100GN	PHG36100GN	PHJ36100GN	PHL36100GN
125	PHD36125GN	PHG36125GN	PHJ36125GN	PHL36125GN
150	PHD36150GN	PHG36150GN	PHJ36150GN	PHL36150GN

J-Frame Circuit Breaker Plug-in Units—Standard (80%) Rated—3Ø3W

Trip Rating Ampere	D Interrupting	G Interrupting	J Interrupting	L Interrupting
	Catalog No.	Catalog No.	Catalog No.	Catalog No.
3Ø3W + G, 600 Vac 50/60 Hz				
175	PJD36175G	PJG36175G	PJJ36175G	PJL36175G
200	PJD36200G	PJG36200G	PJJ36200G	PJL36200G
225	PJD36225G	PJG36225G	PJJ36225G	PJL36225G
250	PJD36250G	PJG36250G	PJJ36250G	PJL36250G

J-Frame Circuit Breaker Plug-in Units—Standard (80%) Rated—3Ø4W

Trip Rating Ampere	D Interrupting	G Interrupting	J Interrupting	L Interrupting
	Catalog No.	Catalog No.	Catalog No.	Catalog No.
3Ø4W + G, 277/480 Vac (600 Vac Max.) 50/60 Hz				
175	PJD36175GN	PJG36175GN	PJJ36175GN	PJL36175GN
200	PJD36200GN	PJG36200GN	PJJ36200GN	PJL36200GN
225	PJD36225GN	PJG36225GN	PJJ36225GN	PJL36225GN
250	PJD36250GN	PJG36250GN	PJJ36250GN	PJL36250GN

▲ All these devices use plug-in connections.
Note: For IP54 splash resistant construction, add an "M54" suffix. The IP54 price adder is 15%.

Circuit Breaker Interrupting Ratings

Interrupting Ratings (kA)	D	G	J	L	R
240 V	25	65	100	125	200
480 V	18	35	65	100	200
600 V	14	18	25	50	100

PowerPact™ H-, J-, and L-Frame Plug-in Units

Class 5600 / Refer to Catalog 5600CT9101

H- and J-Frame Circuit Breaker Plug-in Units with Electronic Trip—Standard (80%) Rated—3Ø3W

Trip Rating Ampere	Trip Function▲	Trip Unit	D Interrupting	G Interrupting	J Interrupting	L Interrupting
			Catalog Number■	Catalog Number■	Catalog Number■	Catalog Number■
Micrologic Standard Trip Unit						
3Ø3W + G, 600 Vac 50/60 Hz						
60 100 150 250	LI	3.2	PHD36060GU31X PHD36100GU31X PHD36150GU31X PJD36250GU31X	PHG36060GU31X PHG36100GU31X PHG36150GU31X PJG36250GU31X	PHJ36060GU31X PHJ36100GU31X PHJ36150GU31X PJJ36250GU31X	PHL36060GU31X PHL36100GU31X PHL36150GU31X PJL36250GU31X
60 100 150 250	LSI	3.2 S	PHD36060GU33X PHD36100GU33X PHD36150GU33X PJD36250GU33X	PHG36060GU33X PHG36100GU33X PHG36150GU33X PJG36250GU33X	PHJ36060GU33X PHJ36100GU33X PHJ36150GU33X PJJ36250GU33X	PHL36060GU33X PHL36100GU33X PHL36150GU33X PJL36250GU33X
Micrologic Ammeter Trip Unit						
3Ø3W + G, 600 Vac 50/60 Hz						
60 100 150 250	LSI	5.2 A	PHD36060GU43X PHD36100GU43X PHD36150GU43X PJD36250GU43X	PHG36060GU43X PHG36100GU43X PHG36150GU43X PJG36250GU43X	PHJ36060GU43X PHJ36100GU43X PHJ36150GU43X PJJ36250GU43X	PHL36060GU43X PHL36100GU43X PHL36150GU43X PJL36250GU43X

H- and J-Frame Circuit Breaker Plug-in Units with Electronic Trip—Standard (80%) Rated—3Ø4W

Trip Rating Ampere	Trip Function ▲	Trip Unit	D Interrupting		G Interrupting		J Interrupting		L Interrupting			
			Catalog Number ■		Catalog Number ■		Catalog Number ■		Catalog Number ■			
Micrologic Standard Trip Unit												
3Ø4W + G, 600 Vac 50/60 Hz												
60 100 150 250	LI	3.2		PHD36060GNU31X PHD36100GNU31X PHD36150GNU31X PJD36250GNU31X		PHG36060GNU31X PHG36100GNU31X PHG36150GNU31X PJG36250GNU31X		PHJ36060GNU31X PHJ36100GNU31X PHJ36150GNU31X PJJ36250GNU31X		PHL36060GNU31X PHL36100GNU31X PHL36150GNU31X PJL36250GNU31X		
60 100 150 250			LSI	3.2 S		PHD36060GNU33X PHD36100GNU33X PHD36150GNU33X PJD36250GNU33X		PHG36060GNU33X PHG36100GNU33X PHG36150GNU33X PJG36250GNU33X		PHJ36060GNU33X PHJ36100GNU33X PHJ36150GNU33X PJJ36250GNU33X		PHL36060GNU33X PHL36100GNU33X PHL36150GNU33X PJL36250GNU33X
Micrologic Ammeter Trip Unit												
3Ø4W + G, 600 Vac 50/60 Hz												
60 100 150 250	LSI	5.2 A		PHD36060GNU43X PHD36100GNU43X PHD36150GNU43X PJD36250GNU43X		PHG36060GNU43X PHG36100GNU43X PHG36150GNU43X PJG36250GNU43X		PHJ36060GNU43X PHJ36100GNU43X PHJ36150GNU43X PJJ36250GNU43X		PHL36060GNU43X PHL36100GNU43X PHL36150GNU43X PJL36250GNU43X		

▲ If alternate trip functions are required, contact your local Schneider Electric field office for pricing.

■ All these devices use plug-in connections.

Note: For IP54 splash resistant construction, add an "M54" suffix. The IP54 price adder is 15%.

L-Frame Circuit Breaker Plug-in Units with Electronic Trip—Standard (80%) Rated—3Ø3W

Trip Rating Ampere	Trip Function▲	Trip Unit	D Interrupting	G Interrupting	J Interrupting	L Interrupting	R Interrupting
			Catalog Number■	Catalog Number■	Catalog Number■	Catalog Number■	Catalog Number■
Micrologic Standard Trip Unit							
3Ø3W + G, 600 Vac 50/60 Hz							
250 400 600	LI	3.3	PBLD36250GU31X PBLD36400GU31X PBLD36600GU31X	PBLG36250GU31X PBLG36400GU31X PBLG36600GU31X	PBLJ36250GU31X PBLJ36400GU31X PBLJ36600GU31X	PBL36250GU31X PBL36400GU31X PBL36600GU31X	PBLR36250GU31X PBLR36400GU31X PBLR36600GU31X
250 400 600	LSI	3.3 S	PBLD36250GU33X PBLD36400GU33X PBLD36600GU33X	PBLG36250GU33X PBLG36400GU33X PBLG36600GU33X	PBLJ36250GU33X PBLJ36400GU33X PBLJ36600GU33X	PBL36250GU33X PBL36400GU33X PBL36600GU33X	PBLR36250GU33X PBLR36400GU33X PBLR36600GU33X
Micrologic Ammeter Trip Unit							
3Ø3W + G, 600 Vac 50/60 Hz							
400 600	LSI	5.3 A	PBLD36400GU43X PBLD36600GU43X	PBLG36400GU43X PBLG36600GU43X	PBLJ36400GU43X PBLJ36600GU43X	PBL36400GU43X PBL36600GU43X	PBLR36400GU43X PBLR36600GU43X

L-Frame Circuit Breaker Plug-in Units with Electronic Trip—Standard (80%) Rated—3Ø4W

Trip Rating Ampere	Trip Function ▲	Trip Unit	D Interrupting	G Interrupting	J Interrupting	L Interrupting	R Interrupting
			Catalog Number ■	Catalog Number ■	Catalog Number ■	Catalog Number ■	Catalog Number ■
Micrologic Standard Trip Unit							
3Ø4W + G, 600 Vac 50/60 Hz							
250 400 600	LI	3.3	PBLD36250GNU31X PBLD36400GNU31X PBLD36600GNU31X	PBLG36250GNU31X PBLG36400GNU31X PBLG36600GNU31X	PBLJ36250GNU31X PBLJ36400GNU31X PBLJ36600GNU31X	PBL36250GNU31X PBL36400GNU31X PBL36600GNU31X	PBLR36250GNU31X PBLR36400GNU31X PBLR36600GNU31X
250 400 600	LSI	3.3 S	PBLD36250GNU33X PBLD36400GNU33X PBLD36600GNU33X	PBLG36250GNU33X PBLG36400GNU33X PBLG36600GNU33X	PBLJ36250GNU33X PBLJ36400GNU33X PBLJ36600GNU33X	PBL36250GNU33X PBL36400GNU33X PBL36600GNU33X	PBLR36250GNU33X PBLR36400GNU33X PBLR36600GNU33X
Micrologic Ammeter Trip Unit							
3Ø4W + G, 600 Vac 50/60 Hz							
400 600	LSI	5.3 A	PBLD36400GNU43X PBLD36600GNU43X	PBLG36400GNU43X PBLG36600GNU43X	PBLJ36400GNU43X PBLJ36600GNU43X	PBL36400GNU43X PBL36600GNU43X	PBLR36400GNU43X PBLR36600GNU43X
400 600	LSIG	6.3 A	PBLD36400GNU44X PBLD36600GNU44X	PBLG36400GNU44X PBLG36600GNU44X	PBLJ36400GNU44X PBLJ36600GNU44X	PBL36400GNU44X PBL36600GNU44X	PBLR36400GNU44X PBLR36600GNU44X

▲ If alternate trip functions are required, contact your local Schneider Electric field office for pricing.

■ All these devices use plug-in connections.

Note: For IP54 splash resistant construction, add an "M54" suffix. The IP54 price adder is 15%.

I-Line™ II Busway

PowerPact™ M-Frame Plug-in Units

Class 5600 / Refer to Catalog 5600CT9101

M-Frame Circuit Breaker Plug-in Units with Basic Electronic Trip Unit (ET 1.0)—3Ø3W

Trip Rating Ampere	G Interrupting	J Interrupting
	Catalog Number ▲ ■ ◆	Catalog Number ▲ ■ ◆
3Ø3W + G, 600 Vac 50/60 Hz		
300	PTMG36300G()	PTMJ36300G()
350	PTMG36350G()	PTMJ36350G()
400	PTMG36400G()	PTMJ36400G()
450	PTMG36450G()	PTMJ36450G()
500	PTMG36500G()	PTMJ36500G()
600	PTMG36600G()	PTMJ36600G()
700	PTMG36700G()	PTMJ36700G()
800	PTMG36800G()	PTMJ36800G()

M-Frame Circuit Breaker Plug-in Units with Basic Electronic Trip Unit (ET 1.0)—3Ø4W

Trip Rating Ampere	G Interrupting	J Interrupting
	Catalog Number ▲ ■ ◆	Catalog Number ▲ ■ ◆
3Ø4W + G, 600 Vac 50/60 Hz		
300	PTMG36300GN()	PTMJ36300GN()
350	PTMG36350GN()	PTMJ36350GN()
400	PTMG36400GN()	PTMJ36400GN()
450	PTMG36450GN()	PTMJ36450GN()
500	PTMG36500GN()	PTMJ36500GN()
600	PTMG36600GN()	PTMJ36600GN()
700	PTMG36700GN()	PTMJ36700GN()
800	PTMG36800GN()	PTMJ36800GN()

- ▲ The ET 1.0 trip unit cannot be field replaced or have the long-time trip point setting adjusted.
 ■ All these devices use bolt-on connection. It may be used only on busway with same number of poles. Not for use on 800 A copper busway.
 ◆ To complete the catalog number, replace the blank with an "H" for horizontal applications and "V" for vertical applications.

Note: For IP54 splash resistant construction, add "M54" suffix. IP54 price adder is 15%.

P-Frame Circuit Breaker Plug-in Units—3Ø3W

Trip Rating Ampere	Trip Function	Trip Unit	Interrupting Rating	
			G	J
			Catalog Number▲■◆	Catalog Number▲■◆
Micrologic Standard Trip Unit				
3Ø3W + G, 600 Vac 50/60 Hz				
400 600 800 1000 1200	LI	3.0	PTPG36040G()U31A	PTPJ36040G()U31A
			PTPG36060G()U31A	PTPJ36060G()U31A
			PTPG36080G()U31A	PTPJ36080G()U31A
			PTPG36100G()U31A	PTPJ36100G()U31A
			PTPG36120G()U31A	PTPJ36120G()U31A
400 600 800 1000 1200	LSI	5.0	PTPG36040G()U33A	PTPJ36040G()U33A
			PTPG36060G()U33A	PTPJ36060G()U33A
			PTPG36080G()U33A	PTPJ36080G()U33A
			PTPG36100G()U33A	PTPJ36100G()U33A
			PTPG36120G()U33A	PTPJ36120G()U33A
Micrologic Ammeter Trip Unit				
3Ø3W + G, 600 Vac 50/60 Hz				
400 600 800 1000 1200	LI	3.0 A	PTPG36040G()U41A	PTPJ36040G()U41A
			PTPG36060G()U41A	PTPJ36060G()U41A
			PTPG36080G()U41A	PTPJ36080G()U41A
			PTPG36100G()U41A	PTPJ36100G()U41A
			PTPG36120G()U41A	PTPJ36120G()U41A
400 600 800 1000 1200	LSI	5.0 A	PTPG36040G()U43A	PTPJ36040G()U43A
			PTPG36060G()U43A	PTPJ36060G()U43A
			PTPG36080G()U43A	PTPJ36080G()U43A
			PTPG36100G()U43A	PTPJ36100G()U43A
			PTPG36120G()U43A	PTPJ36120G()U43A
400 600 800 1000 1200	LSIG	6.0 A	PTPG36040G()U44A	PTPJ36040G()U44A
			PTPG36060G()U44A	PTPJ36060G()U44A
			PTPG36080G()U44A	PTPJ36080G()U44A
			PTPG36100G()U44A	PTPJ36100G()U44A
			PTPG36120G()U44A	PTPJ36120G()U44A

P-Frame Circuit Breaker Plug-in Units—3Ø4W

Trip Rating Ampere	Trip Function	Trip Unit	Interrupting Rating				
			G	J			
			Catalog Number▲ ■ ◆	Catalog Number▲ ■ ◆			
Micrologic Standard Trip Unit							
3Ø4W + G, 600 Vac 50/60 Hz							
400 600 800 1000 1200	LI	3.0	PTPG36040GN()U31A PTPG36060GN()U31A PTPG36080GN()U31A PTPG36100GN()U31A PTPG36120GN()U31A	PTPJ36040GN()U31A PTPJ36060GN()U31A PTPJ36080GN()U31A PTPJ36100GN()U31A PTPJ36120GN()U31A			
400 600 800 1000 1200			LSI	5.0	PTPG36040GN()U33A PTPG36060GN()U33A PTPG36080GN()U33A PTPG36100GN()U33A PTPG36120GN()U33A	PTPJ36040GN()U33A PTPJ36060GN()U33A PTPJ36080GN()U33A PTPJ36100GN()U33A PTPJ36120GN()U33A	
Micrologic Ammeter Trip Unit							
3Ø4W + G, 600 Vac 50/60 Hz							
400 600 800 1000 1200	LI	3.0 A	PTPG36040GN()U41A PTPG36060GN()U41A PTPG36080GN()U41A PTPG36100GN()U41A PTPG36120GN()U41A	PTPJ36040GN()U41A PTPJ36060GN()U41A PTPJ36080GN()U41A PTPJ36100GN()U41A PTPJ36120GN()U41A			
400 600 800 1000 1200			LSI	5.0 A	PTPG36040GN()U43A PTPG36060GN()U43A PTPG36080GN()U43A PTPG36100GN()U43A PTPG36120GN()U43A	PTPJ36040GN()U43A PTPJ36060GN()U43A PTPJ36080GN()U43A PTPJ36100GN()U43A PTPJ36120GN()U43A	
400 600 800 1000 1200	LSIG	6.0 A	PTPG36040GN()U44A PTPG36060GN()U44A PTPG36080GN()U44A PTPG36100GN()U44A PTPG36120GN()U44A	PTPJ36040GN()U44A PTPJ36060GN()U44A PTPJ36080GN()U44A PTPJ36100GN()U44A PTPJ36120GN()U44A			

- ▲ The standard rating plug supplied with a trip unit will be the "A" rating plug. To specify an alternative rating plug, replace the "A" at the end of the catalog number with the applicable suffix letter.
- All these devices use bolt-on connection. It may be used only on busway with same number of poles. Not for use on 800 A copper busway. To complete the catalog number, replace the blank with an "H" for horizontal applications and "V" for vertical applications.
- ◆ Listed catalog numbers are for 80% rated circuit breakers. For 100% rated circuit breakers, replace the blank with an "HC" for horizontal applications and "VC" for vertical applications. For example, the catalog number for a 100% standard trip unit with standard LI trip functions at 800 A 3Ø3W for a horizontal application would be PTPG36080GHCU31A.

Notes:

- For IP54 splash resistant construction, add a "M54" suffix. IP54 price adder is 15%.
- The 250 A is available as a special device. Contact your local Schneider Electric field office for ordering information.

I-Line™ Busway

PowerPact™ R-Frame Plug-in Units

Class 5600 / Refer to Catalog 5600CT9101

R-Frame Circuit Breaker Plug-in Units—3Ø3W

Trip Rating Ampere	Trip Function	Trip Unit	Interrupting Rating		
			G	J	L
			Catalog Number▲■◆	Catalog Number▲■◆	Catalog Number▲■◆
Micrologic Standard Trip Unit					
3Ø3W + G, 600 Vac 50/60 Hz					
800 1000 1200 1600	LI	3.0	PTRG36080G()U31A	PTRJ36080G()U31A	PTRL36080G()U31A
			PTRG36100G()U31A	PTRJ36100G()U31A	PTRL36100G()U31A
			PTRG36120G()U31A	PTRJ36120G()U31A	PTRL36120G()U31A
			PTRG36160G()U31A	PTRJ36160G()U31A	PTRL36160G()U31A
800 1000 1200 1600	LSI	5.0	PTRG36080G()U33A	PTRJ36080G()U33A	PTRL36080G()U33A
			PTRG36100G()U33A	PTRJ36100G()U33A	PTRL36100G()U33A
			PTRG36120G()U33A	PTRJ36120G()U33A	PTRL36120G()U33A
			PTRG36160G()U33A	PTRJ36160G()U33A	PTRL36160G()U33A
Micrologic Ammeter Trip Unit					
3Ø3W + G, 600 Vac 50/60 Hz					
800 1000 1200 1600	LI	3.0 A	PTRG36080G()U41A	PTRJ36080G()U41A	PTRL36080G()U41A
			PTRG36100G()U41A	PTRJ36100G()U41A	PTRL36100G()U41A
			PTRG36120G()U41A	PTRJ36120G()U41A	PTRL36120G()U41A
			PTRG36160G()U41A	PTRJ36160G()U41A	PTRL36160G()U41A
800 1000 1200 1600	LSI	5.0 A	PTRG36080G()U43A	PTRJ36080G()U43A	PTRL36080G()U43A
			PTRG36100G()U43A	PTRJ36100G()U43A	PTRL36100G()U43A
			PTRG36120G()U43A	PTRJ36120G()U43A	PTRL36120G()U43A
			PTRG36160G()U43A	PTRJ36160G()U43A	PTRL36160G()U43A
800 1000 1200 1600	LSIG	6.0 A	PTRG36080G()U44A	PTRJ36080G()U44A	PTRL36080G()U44A
			PTRG36100G()U44A	PTRJ36100G()U44A	PTRL36100G()U44A
			PTRG36120G()U44A	PTRJ36120G()U44A	PTRL36120G()U44A
			PTRG36160G()U44A	PTRJ36160G()U44A	PTRL36160G()U44A

R-Frame Circuit Breaker Plug-in Units—3Ø4W

Trip Rating Ampere	Trip Function	Trip Unit	Interrupting Rating		
			G	J	L
			Catalog Number▲■◆	Catalog Number▲■◆	Catalog Number▲■◆
Micrologic Standard Trip Unit					
3Ø4W + G, 277/480 Vac (600 Vac Max.) 50/60 Hz					
800 1000 1200 1600	LI	3.0	PTRG36080GN()U31A	PTRJ36080GN()U31A	PTRL36080GN()U31A
			PTRG36100GN()U31A	PTRJ36100GN()U31A	PTRL36100GN()U31A
			PTRG36120GN()U31A	PTRJ36120GN()U31A	PTRL36120GN()U31A
			PTRG36160GN()U31A	PTRJ36160GN()U31A	PTRL36160GN()U31A
800 1000 1200 1600	LSI	5.0	PTRG36080GN()U33A	PTRJ36080GN()U33A	PTRL36080GN()U33A
			PTRG36100GN()U33A	PTRJ36100GN()U33A	PTRL36100GN()U33A
			PTRG36120GN()U33A	PTRJ36120GN()U33A	PTRL36120GN()U33A
			PTRG36160GN()U33A	PTRJ36160GN()U33A	PTRL36160GN()U33A
Micrologic Ammeter Trip Unit					
3Ø4W + G, 277/480 Vac (600 Vac Max.) 50/60 Hz					
800 1000 1200 1600	LI	3.0 A	PTRG36080GN()U41A	PTRJ36080GN()U41A	PTRL36080GN()U41A
			PTRG36100GN()U41A	PTRJ36100GN()U41A	PTRL36100GN()U41A
			PTRG36120GN()U41A	PTRJ36120GN()U41A	PTRL36120GN()U41A
			PTRG36160GN()U41A	PTRJ36160GN()U41A	PTRL36160GN()U41A
800 1000 1200 1600	LSI	5.0 A	PTRG36080GN()U43A	PTRJ36080GN()U43A	PTRL36080GN()U43A
			PTRG36100GN()U43A	PTRJ36100GN()U43A	PTRL36100GN()U43A
			PTRG36120GN()U43A	PTRJ36120GN()U43A	PTRL36120GN()U43A
			PTRG36160GN()U43A	PTRJ36160GN()U43A	PTRL36160GN()U43A
800 1000 1200 1600	LSIG	6.0 A	PTRG36080GN()U44A	PTRJ36080GN()U44A	PTRL36080GN()U44A
			PTRG36100GN()U44A	PTRJ36100GN()U44A	PTRL36100GN()U44A
			PTRG36120GN()U44A	PTRJ36120GN()U44A	PTRL36120GN()U44A
			PTRG36160GN()U44A	PTRJ36160GN()U44A	PTRL36160GN()U44A

- ▲ The standard rating plug supplied with a trip unit will be the "A" rating plug. To specify an alternative rating plug, replace the "A" at the end of the catalog number with the applicable suffix letter.
- All these devices use bolt-on connection. It may be used only on busway with same number of poles. Not for use on 800 A copper busway. To complete the catalog number, replace the blank with an "H" for horizontal applications and "V" for vertical applications.
- ◆ Listed catalog numbers are for 80% rated circuit breakers. For 100% rated circuit breakers, replace the blank with an "HC" for horizontal applications and "VC" for vertical applications. For example, the catalog number for a 100% standard trip unit with standard LI trip functions at 800 A 3Ø3W for a horizontal application would be PTRG36080GHCU31A.

Notes:

- For IP54 splash resistant construction, add a "M54" suffix. IP54 price adder is 15%.
- The 600 A is available as a special device. Contact your local Schneider Electric field office for ordering information.

General Description

Housing Construction: Ventilated or totally enclosed indoor or outdoor.

Housing Material: Aluminum, steel, or stainless steel.

Conductors: Silver plated copper or tin plated aluminum.

Conductor Supports: Glass reinforced polyester or porcelain.

Insulation: NORYL® Tubing, epoxy, heat shrink tubing.

POWER ZONE™ metal-enclosed, non-segregated phase medium and low voltage bus systems are custom designed and manufactured. Standard sizes and ratings and a complete line of components allow each system to be tailored to suit the requirements of each application while at the same time providing the reliability that POWER ZONE name has stood for around the world for so many years. Standard bus systems are available in three basic voltage classes; 600V, 5000V and 15,000V with continuous self-cooled current ratings of 1200A, 1600A, 2000A, 2500A, 3000A, 4000A, 5000A, and 6000A and momentary current ratings of 60kA, 75kA, 80kA, 100kA, and 150kA RMS asymmetrical. Other voltage classes and current ratings are available upon request. Components such as equipment terminations, horizontal and vertical elbows, tee-taps, phase transportations, expansion joints, earthquake and vibration joints, misalignment joints, wall and floor penetration assemblies, fire and smoke barriers, bus supports, etc. are available for all sizes and ratings.

POWER ZONE™ bus design and construction is in strict accordance with ANSI Std. C37.23 and NEC Article 364. It can be supplied with full round edge 98% IACS copper or 57% IACS aluminum bars. Copper contact surfaces are silverplated. Aluminum contact are tinplated over a bronze strike by the Alstan-80A process and all aluminum electrical connections are fitted with conical washers to maintain a constant contact pressure. Standard hardware for conductor joints is zinc dichromated steel for bare connections not exposed to weather or insulated connections where the bus rating does not exceed 4000 amperes. Hardware is stainless steel for bare connections exposed to weather and all connection where the bus ratings exceeds 4000 amperes.

With the exception of 600V class, which is normally uninsulated, the bus conductors are insulated with a slip-on extruded sleeve of track resistant, flame retardant, nonhygroscopic, high dielectric strength phenylene-oxide (NORYL® EN-265) or liquid baked epoxy. Heat shrink tubing is also available. On 5000V bus and above, the conductor joints are insulated with tape to meet the required voltage rating, or when specifically required, insulated with flame retardant PVC insulating boots. The bus conductors are mounted and secured against short circuit forces in moulded, track resistant, flame retardant, non-hygroscopic support blocks of either glass reinforced polyester or high alumina ceramic material as required. The moulded support blocks are ribbed to maximize both tracking distance and mechanical strength. They are spaced as appropriate to maintain the required short circuit strength of the bus. Semi-conducting silicone rubber corona suppression inserts are used between the conductor and support blocks..

The bus conductors are completely enclosed in a grounded metal housing for the protection of both personnel and property. The housings may be totally enclosed or ventilated depending on the type of installation and may be fabricated from painted aluminum, steel or stainless steel. Aluminum housings are standard and are recommended for current ratings above 2000A due to the deleterious effects of hysteresis associated with ferrous, magnetic housing materials such as steel. On outdoor applications, top covers are sloped to shed water and bottom covers are equipped with screened breathers to eliminate the accumulation of moisture within the housing. In addition, manually or thermostatically controlled electric strip heaters are provided to aid condensation control.

To complete the system, a line of galvanized steel or aluminum structural supports is also available for both indoor outdoor applications.

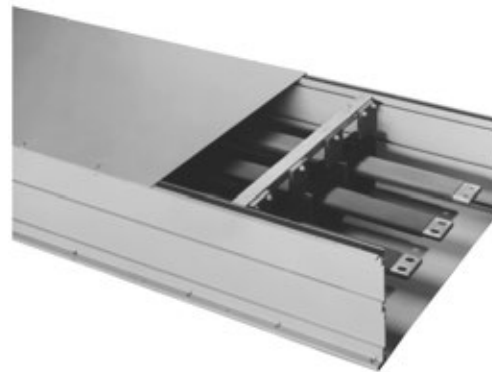
Fitting Description

- Non segregated phase bus
- 600V thru 15kV (1200A - 4000A)s
- Aluminum, steel, or stainless steel housing
- Aluminum or copper bus bars
- Insulated NORYL® Tubing/Liquid-baked Epoxy or Heat Shrink Tubing (5kV -15kV)
- Complete line of fittings provides for any configuration

- Indoor trapeze and outdoor column supports
- For use in utilities, industrial and commercial facilities

Flanged Ends – A flanged end is used to terminate the bus into switchgear, motor control centers, switchboards, or any rigid bus-to-bus connection. It consists of a gasketed equipment flange, up to 1'-0" of 3Ø3W conductor (3Ø4W as applicable), necessary insulation tapes, and required bolting hardware.

Cable Tap Box – A cable tap box includes a gasketed and accessible termination box, lugs, necessary insulation tape (between bus and lugs only), and required bolting hardware. Lug sizes and quantity should be specified by purchaser.



POWER-ZONE bus is custom designed, manufactured and tested per ANSI C37.23 standards to meet customer specifications. The 600V product is also UL listed. It is a completely coordinated package of equipment with all the auxiliary material and supports for connecting transformers, switchgear, MCCs and motors, in all types of utility, industrial and commercial facilities.

Transformer/Generator Connection — This type of termination should be used whenever the bus is connecting to a transformer, generator, motor, switch or any connection where the bus bars are connecting to porcelain mounted equipment terminals. It will include the same components as a flanged end plus one set of flexible braid type connectors and a terminal box (if required).

Bushing Box (Weatherhead) — A bushing box is used on service entrance run where the cable connection to the bus must be made via porcelain bushings. It is comprised of the same components as a transformer connection plus 3 through stud type apparatus bushings, bushing stud connectors (lug pads) and a strip heater.

Ground Bus – The bus housing is designed and constructed to provide an electrically continuous ground path. The side rails of the bus housings are capable of carrying the full rated phase current continuously and, under short circuit conditions, are capable of carrying up to 60 kA RMS asymmetrical fault current for 3 seconds. Consequently, a separate ground bus is not necessary unless specified.

Wall Entrance Seal – A wall entrance seal consists of a wall throat, wall flange (one side of wall only), and a barrier which prevents air or vapor from passing from one room to another or from outdoors to indoors. It also carries a 1/2 hour fire rating. Consult factory for higher fire ratings. If additional wall flanges are required, they should be added at the prices given on page 12-19.

Equipment Entrance Seal – An equipment entrance seal should be used whenever a barrier is required to prevent the passing of flame and/or gasses between the bus housing and the terminating equipment

Expansion Fittings – An expansion fitting is used to counteract the strain placed on the bus due to the expansion and contraction of the building or the bus itself. One should be priced whenever the bus run crosses a building expansion joint and whenever a straight run of bus exceeds 60 feet.

Flexible Housing (Misalignment) Collar – Required at terminations or wall penetrations when vibrations due to seismic forces may cause damage to the bus. It may also be used to adjust for the "settling" of terminating equipment after installation.

Power-Zone™ Busway

Non-Segregated Bus

Class 6090 / Refer to Catalog 5600CT9101

Supporting Steel (Hangers) – Supports should be added on the basis of one for every 10 ft. for indoor and one for every 12 ft. for outdoor. Indoor supports are a trapeze type hanger while outdoor supports are a single or double column type support. Consult factory for other type supports.

Hazardous or Seismic Locations – Consult factory for bus runs which are to be installed in a location which is classified as hazardous or in a Zone 3 or Zone 4 seismic location.

Standard Construction:

- Conductor (plating): Copper (silver) or Aluminum (tin)
- Conductor Insulation (5 kV and 15 kV only): epoxy
- Conductor Supports: Glass reinforced polyester blocks
- Housing Material: Extruded Aluminum (1/8-inch Nominal)
- Housing Construction: Totally Enclosed Non-ventilated
- Joint Insulation: EPR and PVC tape
- BIL Rating: 25 kV (600 V), 60 kV (5 kV) and 95 kV (15 kV)
- Momentary (Short Circuit) Rating: 75 kA (600 V) and 60 kA (5 kV, 15 kV)
- Ground Conductor: Housing (100% rated)

General Instructions — Prepare a layout sketch (if applicable) of the run(s) showing all dimensions in feet and inches, all wall and floor locations and thicknesses and all fittings such as elbows, tees, flanged ends, cable tap boxes, expansion fittings, transformer connections, etc. Add all dimensions together using the center line of the bus and adjust the total to the higher whole foot.

Weatherproof Bus — All weatherproof runs must be equipped with strip heaters to eliminate condensation and, if applicable, a thermostat. A heater should be used for every seven (7) foot of bus and no more than 20 heaters can be controlled by one thermostat. Each bus run should have its own thermostat. The heaters are rated 240V, 500 watts and operate at 120V, 125 watts.

Footing and Fittings Availability

Conductor Material	System	Current Rtg	600 Volt	5 kV (See note 2 below)	5 kV (See note 2 below)
Aluminum	3 Phase 3 Wire	1200 A	A	A	A
		1600 A	A	A	A
		2000 A	A	A	A
		2500 A	A	A	A
		3000 A	N/A	A	A
		3200 A	A	N/A	N/A
	3 Phase 4 wire 100% Neutral	1200 A	A	A	A
		1600 A	A	A	A
		2000 A	A	A	A
		2500 A	A	A	A
		3000 A	N/A	A	A
		3200 A	A	N/A	N/A
Copper	3 Phase 3 Wire	1200 A	A	A	A
		1600 A	A	A	A
		2000 A	A	A	A
		2500 A	A	A	A
		3000 A	N/A	A	A
		3200 A	A	N/A	N/A
		4000 A	A	A	A
		5000 A	A	A	A
		6000 A	A	A	A
	3 Phase 4 wire 100% Neutral	1200 A	A	A	A
		1600 A	A	A	A
		2000 A	A	A	A
		2500 A	A	A	A
		3000 A	N/A	A	A
		3200 A	A	N/A	N/A
		4000 A	A	A	A
		5000 A	A	A	A
		6000 A	A	A	A

Space Heaters/Thermostats

Space heaters must be priced for all weatherproof applications. One heater should be priced for every 7 feet of outdoor bus. If a thermostat is specified to control the heaters, at least one should be priced for each bus run. No more than 20 heaters can be controlled by each thermostat.

Thermostats/Space Heaters

Description
Thermostat
120 V, 125 W space heater (240 V, 500 W rated)

Hangers/Supports

One indoor hanger for every 10 feet (maximum) of indoor bus and one outdoor support for every 12 feet (maximum) of outdoor bus (if required).

Hangers/Supports

Support Description	Maximum Height
Indoor Trapeze Hanger	—
Outdoor, Single Column Support	6 feet 8 feet 10 feet 12 feet
Outdoor, Double Column Support	14 feet 16 feet 18 feet 20 feet 22 feet

Construction Options**Momentary (Asymmetrical Short Circuit) Ratings**

Voltage Class	Amperes	\$ Price Per Foot ♦ Multiplier
600 V	75 KA 100 KA 150 KA	Standard
5 kV	60 KA 80 KA 100 KA	Standard
15 kV	60 KA 80 KA 100 KA 150 KA	Standard

Bus Enclosures

Material and Finish
Painted Aluminum (1/8" Nominal)
Painted 14 Gauge Steel
Painted 11 Gauge Steel
Unpainted 14 Gauge 304 Stainless Steel
Unpainted 14 Gauge 316 Stainless Steel

Wireway-SQUARE-Duct

General Purpose-NEMA Type 1

Class 5100 / Refer to Catalog 5100CT0101

Standards

NEMA Type 1 Square-Duct wireway is CSA and UL listed.

Sizes

2-1/2", 4", and 6" sizes are manufactured from 16 gauge steel. Straight lengths are available with or without knockouts. Knockouts are of various sizes in sides and bottom of wireway. 8", 10", and 12" sizes are made of 14 gauge steel and are furnished without knockouts.



Painted Hinge-Cover★
Type LDB—ANSI 49 Gray
Polyester Powder Finish

(Connectors not supplied; order separately▲)

Component	2-1/2" x 2-1/2"		4" x 4"		6" x 6"		8" x 8"	10" x 10"	12" x 12"★
	Catalog Number		Catalog Number		Catalog Number		Cat. No.	Cat. No.	Cat. No.
	With Knockouts	Without Knockouts	With Knockouts	Without Knockouts	With Knockouts	Without Knockouts	Without Knockouts	Without Knockouts	Without Knockouts
1' Length	LDB21KO	LDB21	LDB41KO	LDB41	LDB61KO	LDB61	LDB81	LDB101	LDB121
2' Length	LDB22KO	LDB22	LDB42KO	LDB42	LDB62KO	LDB62	LDB82	LDB102	LDB122
3' Length	LDB23KO	LDB23	LDB43KO	LDB43	LDB63KO	LDB63	LDB83	LDB103	LDB123
4' Length	LDB24KO	LDB24	LDB44KO	LDB44	LDB64KO	LDB64	LDB84	LDB104	LDB124
5' Length	LDB25KO	LDB25	LDB45KO	LDB45	LDB65KO	LDB65	LDB85	LDB105	LDB125
6' Length	—	—	LDB46KO	LDB46	LDB66KO	LDB66	LDB86	LDB106	—
10' Length	LDB210KO	LDB210	LDB410KO	LDB410	LDB610KO	LDB610	LDB810	LDB1010	LDB1210
90° L	—	LDB290L	—	LDB490L	—	LDB690L	LDB890L	LDB1090L	LDB1290L
90° Sweep L	—	LDB290LS	—	LDB490LS	—	LDB690LS	LDB890LS	LDB1090LS	LDB1290LS
45° L	—	LDB245L	—	LDB445L	—	LDB645L	LDB845L	LDB1045L	LDB1245L
Tee	—	LDB2T	—	LDB4T	—	LDB6T	LDB8T	LDB10T	LDB12T
Junction Box	—	LDB2J	—	LDB4J	—	LDB6J	LDB8J	LDB10J	LDB12J
Telescope Ftg.	—	LDB2TF	—	LDB4TF	—	LDB6TF	LDB8TF	LDB10TF	LDB12TF
Connector▲	—	LDB2C	—	LDB4C	—	LDB6C	LDB8C	LDB10C	LDB12C
Drop/Brkt Hgr.	—	LDB2H	—	LDB4H	—	LDB6H	LDB8H	LDB10H	LDB12H
Support Hanger	—	LDB2SH	—	LDB4SH	—	LDB6SH	LDB8SH	LDB10SH	LDB12SH
Closing Plate	LDB2CPKO	LDB2CP	LDB4CPKO	LDB4CP	LDB6CPKO	LDB6CP	LDB8CP■	LDB10CP■	LDB12CP■
Panel Adapter	—	LDB2A	—	LDB4A	—	LDB6A	LDB8A	LDB10A	LDB12A
Open Adapter	—	LDB2OA	—	LDB4OA	—	LDB6OA	LDB8OA	LDB10OA	LDB12OA
Reducer	—	—	—	LDB42R	—	LDB64R	LDB86R	LDB108R	LDB1210R
Adapter to "LD"◆	—	—	—	—	—	—	—	—	LDB128R
Adapter to "LD"◆	—	LDB2GASK	—	LDB4GAS	—	LDB6GAS	LDB8GASK	LDB10GASK	—
Barrier Kit—5 ft. long w/hardware	—	—	—	LJB45B	—	LJB65B	LJB85B	—	—
5 pc. Barrier Pack—5 ft. long	—	—	—	LJB45BKM	—	LJB65BKM	—	—	—
5 pc. Barrier Bracket—2 compartment	—	—	—	LJB4BB2C	—	LJB6BB2C	—	—	—
5 pc. Barrier Bracket—3 compartment	—	—	—	LJB4BB3C	—	LJB6BB3C	—	—	—

- ▲ Add connectors for all lengths and fittings, except closing plates, reducers, and adapters.
 ■ These closing plates also available with knockout. Add "KO" to cat #; price is the same.
 ◆ Adapters to competitors' wireways also available. Contact your nearest Schneider Electric sales office for price and availability.
 ★ Painted 12" x 12" wireway is not furnished with hinge-cover (screw-cover only).

Standards: SQUARE-Duct type 12 Oiltight Wireway is CSA and UL listed

Class 5100 / Refer to Catalog 5100CT0101

Type LJB Oiltight lay-in wireway is fully gasketed and used to protect runs of electrical wiring from oil, water, coolants, dirt, or dust as well as physical damage.



Lengths and fittings are made of 14 gauge steel with 10 gauge end flanges. Straight lengths and fittings have hinged covers with oil resistant gasket all around and are held closed with pull-down latches. All lengths and fittings are without knockouts. Type LJB lay-in Wireway is finished with ANSI-49 gray polyester powder finish over a corrosion resistant phosphate preparation.

Type LJB Lay-in▲

Description	2-1/2" x 2-1/2"	4" x 4"	6" x 6"	8" x 8"	12" x 6"
	Catalog No.	Catalog No.	Catalog No.	Catalog No.	Catalog No.
1" Nipple	LJB201	LJB401	LJB601	—	—
2" Nipple	LJB202	LJB402	LJB602	—	—
3" Nipple	LJB203	LJB403	LJB603	—	—
6" Length	LJB206	LJB406	LJB606	LJB806	LJB12606
1' Length	LJB21	LJB41	LJB61	LJB81	LJB1261
2' Length	LJB22	LJB42	LJB62	LJB82	LJB1262
3' Length	LJB23	LJB43	LJB63	LJB83	LJB1263
4' Length	LJB24	LJB44	LJB64	LJB84	LJB1264
5' Length	LJB25	LJB45	LJB65	LJB85	LJB1265
10' Length	LJB210	LJB410	LJB610	LJB810	LJB12610
45° Top Opening	LJB245LT	LJB445LT	LJB645LT	LJB845LT	LJB12645LT
45° Inside Opening	LJB245LI	LJB445LI	LJB645LI	LJB845LI	—
45° Outside Opening	LJB245LO	LJB445LO	LJB645LO	LJB845LO	—
90° Inside Opening	LJB290LI	LJB490LI	LJB690LI	LJB890LI	LJB12690LI
90° Outside Opening	LJB290LO	LJB490LO	LJB690LO	LJB890LO	LJB12690LO
90° Outside Top Opening	—	LJB490LOT	LJB690LOT	LJB890LOT	—
90° Top Opening	LJB290LT	LJB490LT	LJB690LT	LJB890LT	LJB12690LT
Tee—Top Opening	LJB2TT	LJB4TT	LJB6TT	LJB8TT	LJB126TT
Tee—Outside Opening	LJB2TO	LJB4TO	LJB6TO	LJB8TO	—
Cross	LJB2X	LJB4X	LJB6X	LJB8X	LJB126X
Junction Box	LJB2JB	LJB4JB	LJB6JB	LJB8JB	—
Telescopic Fitting	LJB2TF	LJB4TF	LJB6TF	LJB8TF	LJB126TF
Closing Plate	LJB2CP	LJB4CP	LJB6CP	LJB8CP	LJB126CP
Panel Adapter	LJB2A	LJB4A	LJB6A	LJB8A	LJB126A
Bracket Hanger	LJB2BH	LJB4BH	LJB6BH	LJB8BH	—
Drop Hanger	LJB2DH	LJB4DH	LJB6DH	LJB8DH	—
Extra Connector Kit▲	LJB2C	LJB4C	LJB6C	LJB8C	LJB126C
90° Connector	LJB290C	LJB490C	LJB690C	LJB890C	LJB12690C
Reducer to 2"	—	LJB42R	—	—	—
Reducer to 4"	—	—	LJB64R	—	LJB1264R
Reducer to 6"	—	—	—	LJB86R	LJB1266R
Cut-off fitting—not Lay-in	LJB2CF	LJB4CF	LJB6CF	LJB8CF	LJB126CF
Cut-off fitting—Lay-in	LJB2CFL	LJB4CFL	LJB6CFL	LJB8CFL	LJB126CFL
Transposition Fitting—CCW (Str)	LJB21CCW	LJB41CCW	LJB61CCW	—	—
Transposition Fitting—CW (Str)	LJB21CW	LJB41CW	LJB61CW	—	—
Transposition Elbow—CCW	LJB290LCCW	LJB490LCCW	LJB690LCCW	LJB890LCCW	—
Transposition Elbow—CW	LJB290LCW	LJB490LCW	LJB690LCW	LJB890LCW	—
Swivel fitting—Wireway to Wireway	LJB2S	LJB4S	LJB6S	LJB8S	—
Swivel fitting—Wireway to Box	LJB2SB	LJB4SB	LJB6SB	LJB8SB	—
Flex Fitting—Feed Through	LJB2FF	LJB4FF	LJB6FF	LJB8FF	—
Barrier Kit—5 ft. long w/hardware	—	LJB45B	LJB65B	LJB85B	LJB1265B
5 pc. Barrier Pack—5 ft. long	—	LJB45BKM	LJB65BKM	—	—
5 pc. Barrier Bracket—2 compartment	—	LJB4BB2C	LJB6BB2C	—	—
5 pc. Barrier Bracket—3 compartment	—	LJB4BB3C	LJB6BB3C	—	—

▲ Connector kit furnished with each length and fitting.

Raintight Wireway—NEMA Type 3R

Outdoor raintight wireway is used to protect electrical wiring against rain, sleet, and physical damage. Unique drip shield cover protects wiring from weather and maintains the "lay-in" feature for ease of wiring installation. Lengths and fittings are constructed of 16 gauge galvanized steel with ANSI-49 gray polyester powder finish over a corrosion resistant phosphate preparation. Underwriters Laboratories Listed as steel enclosed wireway and auxiliary gutter (*horizontal mounting only*). Conforms to NEMA Type 3R.

Raintight Wireway

Description▲	4" x 4"	6" x 6"	8" x 8"
	Catalog Number	Catalog Number	Catalog Number
1' Length	LDRB41M	LDRB61M	LDRB81M
5' Length	LDRB45M	LDRB65M	LDRB85M
10' Length	LDRB410M	LDRB610M	LDRB810M
90° L	LDRB490L	LDRB690L	LDRB890L
30° Sweep L	LDRB430SE	LDRB630SE	LDRB830SE
Tee	LDRB4T	LDRB6T	LDRB8T
Junction Box	LDRB4J	LDRB6J	LDRB8J
Panel Adapter	LDRB44A	LDRB66A	LDRB88A
Connector▲	LDRB4C	LDRB6C	LDRB8C
Closing Plate	LDRB4CP	LDRB6CP	LDRB8CP
Drop Hanger	LDRB4DH	LDRB6DH	LDRB8DH
Wall Hanger	LDRB4WH	LDRB6WH	LDRB8WH
Reducer	—	LDRB64R	LDRB86R

▲ Add connectors for all lengths and fittings.

Raintight Trough—NEMA Type 3R

Raintight trough is designed for ganging meter devices, panelboards, switches, and circuit breaker enclosures. Each length is a completely enclosed section with a removable cover that has provisions for sealing.

Design: 4" and 6" wireway is constructed of 16 gauge galvanized steel. 8", 10", and 12" wireway is constructed of 14 gauge galvanized steel. All raintight troughs conform to NEMA Type 3R.

Finish: ANSI-49 gray polyester powder finish over a corrosion resistant phosphate preparation. All raintight troughs are Underwriters Laboratories listed as steel enclosed wireway and auxiliary gutter (*horizontal mounting only*).

Raintight Trough

Length	4" x 4"	6" x 6"	8" x 8"	10" x 10"	12" x 12"
	Cat. No.	Cat. No.	Cat. No.	Cat. No.	Cat. No.
1'	RDB41	RDB61	—	—	—
2'	RDB42	RDB62	RDB82	RDB102	RDB122
3'	RDB43	RDB63	RDB83	RDB103	RDB123
4'	RDB44	RDB64	RDB84	—	—
5'	RDB45	RDB65	RDB85	RDB105	RDB125
6'	—	RDB66	RDB86	RDB106	RDB126

Wireway-SQUARE-Duct

Class 5100 / Refer to Catalog 5100CT0101

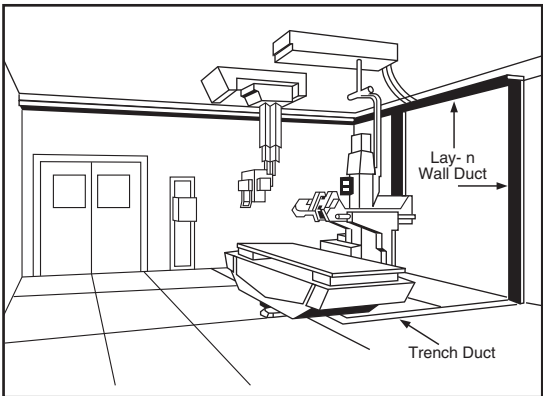
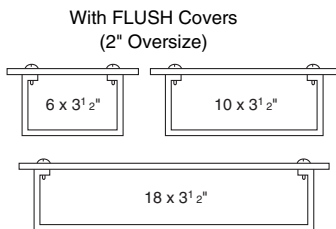
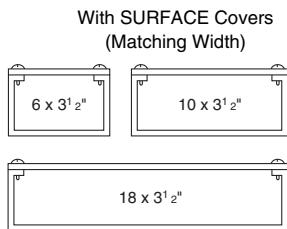
Class 5250—Wall Duct

For enclosure of wiring to X-Ray Machines, also available in Aluminum for MRI application.

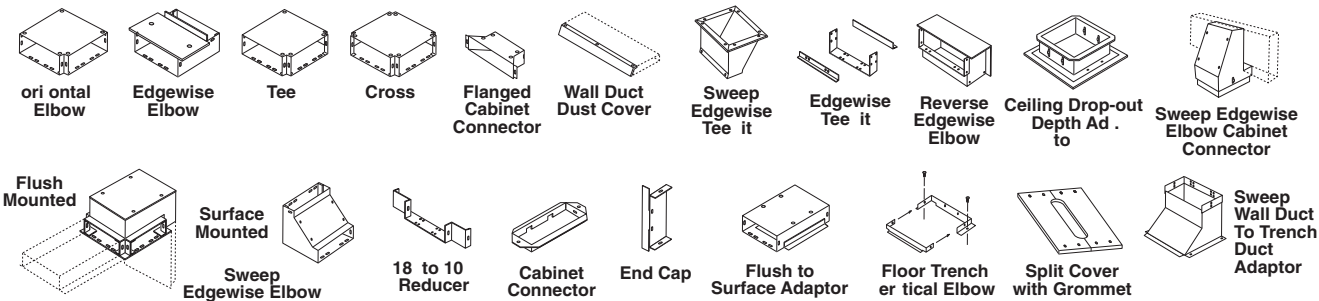
Wall duct is used as the continuation for standard trench duct in the floor. Wall duct can be routed up the wall and across the ceiling or under the finished floor (in ceiling space below) to provide a continuous lay-in raceway system from control consoles and floor equipment to overhead apparatus. Devices are furnished complete with covers and are available for either flush or surface mounted installations.

General Notes:

- Standard construction is 14 gauge steel with gray electrodeposition paint. Alternate construction is painted aluminum.
- Covers and coupling devices are furnished with each device.
- Wire retainers are furnished with each device.
- Straight lengths are field cut to length.
- Partitions and tunnels are to be field modified and installed where required.
- Hangers or other mounting devices to be furnished by others.



Components and Accessories



Lay-In Wall Duct Components

Component	Flush Cover		Surface Cover	
	Catalog Number	Weight Lbs.	Catalog Number	Weight Lbs.
5'-0" Straight Length With Cover 6"W	RWT06S60	22.5	RWT06S60S	20.4
	RWT10S60	39.2	RWT10S60S	36.4
	RWT18S60	62.2	RWT18S60S	59.4
1'-6" Straight Length With Cover 6"W	RWT06S18	12.6	RWT06S18S	12.6
	RWT10S18	16.4	RWT10S18S	16.3
	RWT18S18	23.3	RWT18S18S	23.3
Horizontal Elbow With Cover—90° 6"W	RWT06HE	6.5	RWT06HES	6.0
	RWT10HE	9.3	RWT10HES	8.1
	RWT18HE	24.9	RWT18HES	23.7
Horizontal Elbow With Cover—45° 6"W	—	—	RWT06HE45S	6.0
	—	—	RWT10HE45S	8.1
	—	—	RWT18HE45S	23.7
Edgewise Elbow With Cover 6"W	RWT06EE	5.5	RWT06EES	5.5
	RWT10EE	7.5	RWT10EES	7.4
	RWT18EE	11.1	RWT18EES	11.0
Tee With Cover 6"W	RWT06TE	6.2	RWT06TES	5.9
	RWT10TE	8.5	RWT10TES	7.3
	RWT18TE	24.1	RWT18TES	22.9
Cross With Cover 10"W	RWT10XE	1.3	RWT10XES	6.2
	RWT18XE	1.8	RWT18XES	21.8
Flanged Cabinet Connector With Cover 10"W	RWT10CUC	8.0	RWT10CUCS	7.8
Reverse Edgewise Elbow With Cover 6"W	RWT06REE	5.8	RWT06REES	5.7
	RWT10REE	7.5	RWT10REES	7.4
	RWT18REE	11.1	RWT18REES	11.0
Sweep Edgewise Elbow With Cover 6"W	—	10.0	RWT06SSEES	4.8
	RWT10SFEE	12.0	RWT10SSEES	11.8
	RWT18SFEE	16.5	RWT18SSEES	16.3
Sweep Edgewise Elbow Cabinet Connector 10"W	—	—	RWT10SWEECC	14.0
	—	—	RWT18SWEECC	20.0

Note: All devices available in aluminum. Add "A" suffix to the catalog number. Contact your local Schneider Electric sales office for pricing.

Wall Duct Accessories

Lay-In Wall Duct Accessories

Accessories	Catalog Number	Weight Lbs.
5'-0" Partition	RWTP60	5.4
Straight through tunnel for tees ▲ 10"W 18"W	RWT10ST RWT18ST	2.9 3.8
90° Elbow tunnel for crosses ▲ 10"W 18"W	RWT10ET RWT18ET	3.2 5.1
3 compartment tunnel for tees 10"W 18"W	RWT10PTE RWT18PTE	5.0 6.0
3 compartment tunnel for crosses 10"W 18"W	RWT10PXE RWT18PXE	8.0 9.0
Edgewise Tee Kit 10"W 18"W	RWT10ETK RWT18ETK	1.3 2.1
Sweep Edgewise Tee Kit 10"W 18"W	RWT10SWET RWT18SWET	8.0 8.0
Flush to Surface Adaptor 10"W 18"W	RWT10FS RWT18FS	11.9 16.4
Ceiling Drop-Out 12x12 Flush Cover 8"x8"	RWTCDO	15.0
Extra Coupling Device 10"W 18"W	RWT10COUP RWT18COUP	.4 .5
Extra Straight Cover—30" long (Order 2 pcs. for 5 ft. of duct.) Flush 10"W 18"W Surface 10"W 18"W	RWT10SCOV RWT18SCOV RWT10SCOVs RWT18SCOVs	7.2 13.0 6.1 11.8

▲ Tunnels form a 3" wide compartment.
Note: All devices available in aluminum. Add "A" suffix to the catalog number. Contact your local Schneider Electric sales office for pricing.

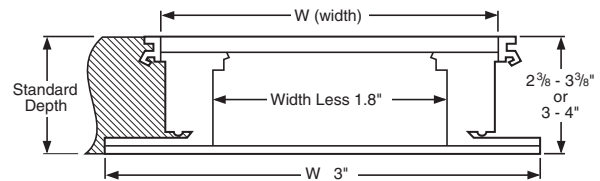
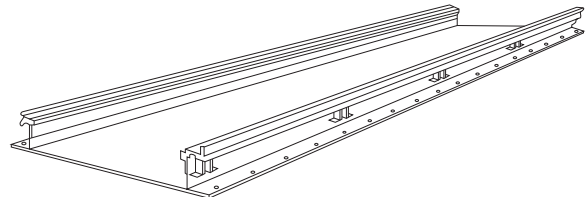
Wall Duct Accessories

Accessories	Catalog Number	Weight Lbs.
Reducer Coupling—18" to 10" 10" to 6"	RWTRC RWT06RC	2.1 1.6
Cabinet Connector 6"W 10"W 18"W	RWT06CC RWT10CC RWT18CC	1.0 1.3 2.4
End Cap 6"W 10"W 18"W	RWT06EC RWT10EC RWT18EC	1.0 1.3 1.8
Vertical Elbows for: 6" Trench to 6" Wall Duct 12" Trench to 10" Wall Duct 12" Trench to 18" Wall Duct	RWT06FTVE06 RWT10FTVE12 RWT18FTVE12	1.1 1.2
18" Trench to 10" Wall Duct 18" Trench to 18" Wall Duct	RWT10FTVE18 RWT18FTVE18	1.2 1.3
Sweep Trench Duct to Wall Duct Adapter (available in surface cover only) 12" Trench to 10" Wall Duct 18" Trench to 18" Wall Duct	RWT10SWFTVE12 RWT18SWFTVE18	10.0 14.0
Split Cover with Grommet 12" long—3"x 8" Opening Flush 6"W 10"W 18"W	RWT06ACP RWT10ACP RWT18ACP	2.6 3.1 4.8
Surface 6"W 10"W 18"W	RWT06ACPS RWT10ACPS RWT18ACPS	2.0 2.7 4.0
Dust Cover—5 ft. long	RWTDCCOV60	5.5
Grommet—100 ft. roll	RWTBG100	

Note: All devices available in aluminum. Add "A" suffix to the catalog number. Contact your local Schneider Electric sales office for pricing.

Trench Duct

- STANDARD LENGTH of trench duct is 10 ft. Gasketed cover plates are ordered and shipped separately.
- FEATURES of trench duct:
 - Trench duct width is cover plate width.
 - Tub width is trench duct width less 1.8".
 - Overall width (bottom flange to flange) is 3" wider than trench duct width.
 - Standard depth is adjustable from 2-3/8" to 3-3/8". Also available as standard is depth adjustable from 3" to 4". To order, change "2" to "3". Ex. RSV063100120. Applies to trench duct, elbows, crosses, tees, and reducers. Same price as standard device. Other depths available.
 - Tees, crosses, horizontal elbows, and reducers are shipped complete with cover plates assembled.
 - Grey vinyl tile trim is furnished as standard. Aluminum is available when requested.
 - All compartments over 17" wide must be supported with dividers or posts.



Assembled Trench Duct

All part numbers listed below are for 2 3/8"-3 3/8" deep, one compartment trench with vinyl tile trims.

Straight Sections	Trench Duct			Complete Device	
	Length	Width	Catalog Number		
Full Length	10'-0"	6"	RSV062100120		
		9"	RSV092100120		
		12"	RSV122100120		
		18"	RSV182100120		
		24"	RSV242100120		
		30"	RSV302100120		
	Covers Only (5 Plates per 10' Length) ■				
	24"	6"	RCP0624		
		9"	RCP0924		
		12"	RCP1224		
		18"	RCP1824		
		24"	RCP2424		
		30"	RCP3024		
	12"	12"	RCP1212		
		18"	RCP1812		
Factory Cut-to- Length (12" Wide Only)	6'-0"L	12"	RSV122100072		
	4'-3-1/2"L	12"	RSV122100051.5		
	3'-3-1/2"L	12"	RSV122100039.5		
	2'-0"L	12"	RSV122100024		
	1'-0"L	12"	RSV122100012		
	0'-3-1/2"L	12"	RSV122100003.5		
	3-24" Long Covers ♦				
	2-24" Long Covers & 1 - Wall Duct Vertical Elbow ♦				
	1-24" & 1-12" Long Cover & 1—Wall Duct Vertical Elbow ♦				
	1-24" Long Cover ♦				
	1-12" Long Cover ♦				
	1—Wall Duct Vertical Elbow ♦				

- Straight length cover plates are shipped separately and must be ORDERED SEPARATELY.
♦ Covers and/or vertical elbows for connecting trench duct to lay-in wall duct—ORDER SEPARATELY.

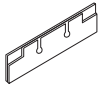
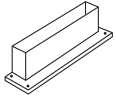
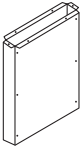
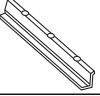
All ordered separately

Wall Duct

Straight Sections and Fittings

Class 5200 / Refer to Catalog 5230CT9601

Trench Duct Fittings

Item	Width	Catalog No.
	6"	REC06
	9"	REC09
	12"	REC12
	18"	REC18
	24"	REC24
	30"	REC30
	6"	RVE06
	9"	RVE09
	12"	RVE12
	18"	RVE18
	24"	RVE24
	30"	RVE30
	6"	RRC06
	9"	RRC09
	12"	RRC12
	18"	RRC18
	24"	RRC24
	30"	RRC30
	Z-Divider 5'-0"▲ Adjustable Barrier and Support Strip	
	RZD60	
Tape for Trench Duct (180 ft. rolls)		G1414
Marker for Cellular Floor		G1426

▲ For 3" to 4" trench duct, add a "3" to end of catalog number.

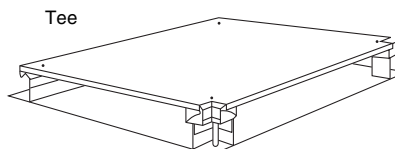
Note: All devices through 18" width are available in aluminum. Height is factory-set to customer specifications from 2-1/2 to 4 inches. (Non-Adjustable)

Trench Duct Elbows, Tees, and Crosses

Item	Complete Device	
	Width	Catalog Number
90° Horizontal▲ Elbows 	6"	RHV062100009
	9"	RHV092100012
	12"	RHV122100015
	18"	RHV182100021
	24"	RHV242100027
	30"	RHV302100033
45° Horizontal Elbow▲ Tees▲ 	12"	RHV12245
Crosses▲ 	6"	RTV062100011
	9"	RTV092100014
	12"	RTV122100017
	18"	RTV182100023
	24"	RTV242100029
	30"	RTV302100035
Crosses▲ 	6"	RXV062100012
	9"	RXV092100015
	12"	RXV122100018
	18"	RXV182100024
	24"	RXV242100030
	30"	RXV302100036

▲ Includes cover; shipped attached.

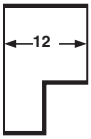
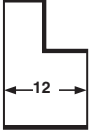
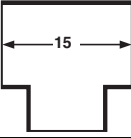
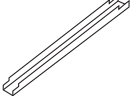
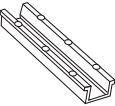
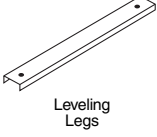
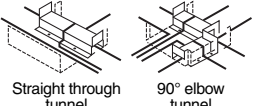
Tee



Note: All cover plate corner notches are 1-1/2" deep.

Accessories and Components

Trench Duct Accessories

Item/Catalog Number		Item/Catalog Number	
	Right Hand Reducer 18" to 12" Cover Included	RRV182100012RR	
	Left Hand Reducer 18" to 12" Cover Included	RRV182100012LR	
	Reducing Tee 18" to 12" Cover Included	RTV182100017	
	Spacer Bar and Barrier Adjustment Gage	6" RSB06 9" RSB09 12" RSB12 18" RSB18 24" RSB24 30" RSB30	
	U-Compartment 5'-0" Long x 3 -1/2" Wide with Adjustable Height Sides	RUC60	
	Leveling Legs Leveling Legs Not Included 5/16 x 18 x 3"	G1500T12 G1500T24 G1500T36	
	Cover Lifter (Suction Cup Device)	G1735S	
	Tunnels for Trench Duct Elbows (Tee or Cross) Straight through tunnel 90° elbow tunnel	90° tunnel for 12" trench 90° tunnel for 18" trench Straight tunnel for 12" trench Straight tunnel for 18" trench	RSV122ET RSV182ET RSV122ST RSV182ST

Grommets

Grommet Material (50 ft. rolls)	RG50
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