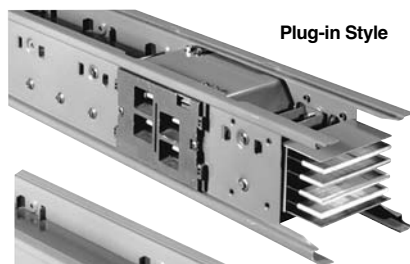




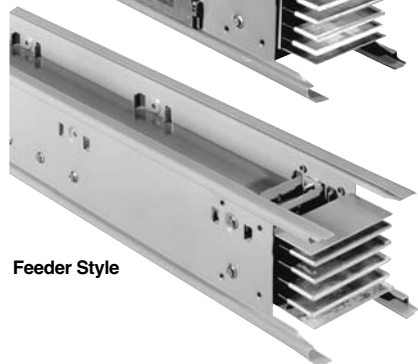
POWERBUS225



I-LINE Plug-in Busway 225-600 A



Plug-in Style



Feeder Style

I-LINE II Busway 800-5000 A



Power-Zone Busway



I-LINE Plug-In Units



Wireway

Description	Page
POWERBUS™ 225 Busway	
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• 100 Ampere-600 Volt	2
• POWERBUS Plug-in Units	3
I-LINE™ / I-LINE II Busway	
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Distinct Service Advantages make your Busway installation “hassle-free”

- **Missing Link** program guarantees shipment in a maximum of 5 working days of a small quantity of indoor feeder straight lengths and fittings. Orders for outdoor busway or for international destinations may require 2 extra days for processing.
- **Measurement Services** are offered for your critical and complex projects. Square D will assist with field measurement and assume responsibility for the layout and exact fit of all components. Contact your local Square D/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).

Electrical Data For I-Line Busway

- Standards: CSA C22.2 No. 27-1994 (Approved under CSA File No. LL-61778).
UL857 (Approved under UL File No. E22182).
IEC 439 Parts 1 and 2.
- Systems: AC - 3 phase 3 or 4 wire, 1 phase 2 or 3 wire. All neutrals are 100% capacity.
DC - 2 Pole
- Voltage: 600 Volts AC/DC, 50 Hz and 60 Hz.
- Integral Ground: 50% capacity as standard for 800A to 5000A. Optional on 225A to 600A.
- Enclosure: Indoor only for 225A to 600A.
Indoor, and Outdoor for 800A to 5000A.

POWERBUS™ 225 Busway

Class 5600

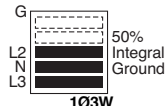
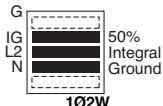
225 Ampere—240 Volt maximum



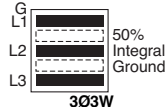
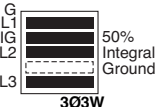
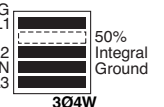
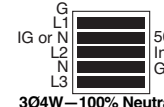
POWERBUS225 Bus is the newest in the continuing line of quality busway from Square D. Finger protection to IP2X and dust/moisture protection to IP54 are standard features of the POWERBUS225 bus. Fast installation is offered by the use of proven spring-joint connections and lightweight all-aluminum housings. All copper conductors offer maximum electrical efficiency. A variety of electrical configurations with various ground capabilities are available to suit most applications. (50% integral ground standard.)

1 Phase Systems—Straight Lengths and Fittings

Also suitable for DC applications

Component	Configuration 3E		Configuration 3B	
	Catalogue No.	Price	Catalogue No.	Price
Straight 10 ft Straight 4 ft				
	PBCP3E225ST120 PBCP3E225ST048		PBCP3B225ST120 PBCP3B225ST048	
Elbow Left Elbow Right	PBCF3E225LL PBCF3E225LR		PBCF3B225LL PBCF3B225LR	
Cross Fitting Tap Box	PBCF3E225CR PBCF3E225TB		PBCF3B225CR PBCF3B225TB	

3 Phase Systems—Straight Lengths and Fittings

Component	Configuration 3A		Configuration 4B		Configuration 4A		Configuration 5A	
	Catalogue No.	Price	Catalogue No.	Price	Catalogue No.	Price	Catalogue No.	Price
Straight 10 ft Straight 4 ft								
	PBCP3A225ST120 PBCP3A225ST048		PBCP4B225ST120 PBCP4B225ST048		PBCP4A225ST120 PBCP4A225ST048		PBCP5A225ST120 PBCP5A225ST048	
Elbow Left Elbow Right	PBCF3A225LL PBCF3A225LR		PBCF4B225LL PBCF4B225LR		PBCF4A225LL PBCF4A225LR		PBCF5A225LL PBCF5A225LR	
Cross Fitting Tap Box	PBCF3A225CR PBCF3A225TB		PBCF4B225CR PBCF4B225TB		PBCF4A225CR PBCF4A225TB		PBCF5A225CR PBCF5A225TB	

225 A Accessories

Description	Hanger	End Closure	Wall Flange	Plug-in Opening Cover
Catalogue No.	PB225FH	PB225EC	PB225WF	PBIOCVR

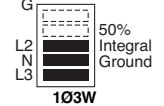
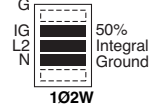
100 Ampere—600 Volt maximum



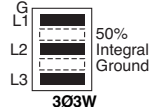
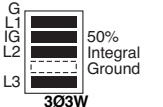
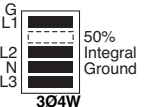

100 ampere POWERBUS busway offers the same features as the POWERBUS225 making it the best choice for smaller retail and commercial applications. A full complement of fittings and accessories allows the designer/user to quickly and simply provide the best power distribution solution at lower ampacity ratings. (50% integral ground standard.)

1 Phase Systems—Straight Lengths and Fittings

Also suitable for DC applications

Component	Configuration 3E		Configuration 3B	
	Catalogue No.	Price	Catalogue No.	Price
Straight 10 ft Straight 4 ft				
	PBCP3E100ST120 PBCP3E100ST048		PBCP3B100ST120 PBCP3B100ST048	
Elbow Left Elbow Right	PBCF3E100LL PBCF3E100LR		PBCF3B100LL PBCF3B100LR	
Cross Fitting Tap Box	PBCF3E100CR PBCF3E100TB		PBCF3B100CR PBCF3B100TB	

3 Phase Systems—Straight Lengths and Fittings

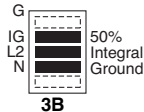
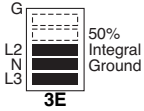
Component	Configuration 3A		Configuration 4B		Configuration 4A		Configuration 5A	
	Catalogue No.	Price	Catalogue No.	Price	Catalogue No.	Price	Catalogue No.	Price
Straight 10 ft Straight 4 ft								
	PBCP3A100ST120 PBCP3A100ST048		PBCP4B100ST120 PBCP4B100ST048		PBCP4A100ST120 PBCP4A100ST048		PBCP5A100ST120 PBCP5A100ST048	
Elbow Left Elbow Right	PBCF3A100LL PBCF3A100LR		PBCF4B100LL PBCF4B100LR		PBCF4A100LL PBCF4A100LR		PBCF5A100LL PBCF5A100LR	
Cross Fitting Tap Box	PBCF3A100CR PBCF3A100TB		PBCF4B100CR PBCF4B100TB		PBCF4A100CR PBCF4A100TB		PBCF5A100CR PBCF5A100TB	

100 A Accessories

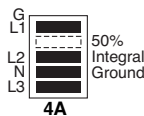
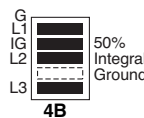
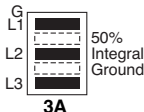
Description	Hanger	End Closure	Wall Flange	Plug-in Opening Cover
Catalogue No.	PB100FH	PB100EC	PB100WF	PBIOCVR

Busbar Configuration Code

Single Phase Systems



Three Phase Systems



POWERBUS plug-in units are rated maximum 100 ampere. The basic unit is a tap box rated IP54 Standard; three other styles are offered with provisions to accept various circuit breakers and receptacles. All units are supplied with ingress/dust and moisture protection of IP40. An optional kit is available for FA and QO units to raise the protection to IP54. This kit will also raise 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		QOR Unit	
	Catalogue Number	Price	Catalogue Number	Price	Catalogue Number	Price	Catalogue Number	Price
3E	PBPTB3E100		3 Phase systems only		PBPQO3E100		PBPQOR3E100	
3B	PBPTB3B100				PBPQO3B100		PBPQOR3B100	
3A	PBPTB3A100		PBPFA3A100		PBPQO3A100		PBPQOR3A100	
4B	PBPTB4B100		PBPFA4B100		PBPQO4B100		PBPQOR4B100	
4A	PBPTB4A100		PBPFA4A100		PBPQO4A100		PBPQOR4A100	
5A	PBPTB5A100		PBPFA5A100		PBPQO5A100		PBPQOR5A100	

▲ See bottom of page for receptacles which can be field-installed in this unit.

Accessories

Description	Catalogue Number	Price
Floor Operator—FA Unit	PBFO100FA	
Floor Operator—QO Unit	PBFO100QO	
Reverse Feed Kit for FA Unit	PBRFLKIT	

Field installed kit

Kit provides dust and moisture protection to IP54

Description	Catalogue Number	Price
FA Unit	PBP54100FA	
QO Unit	PBP54100QO	

Factory assembled units with FA circuit breakers—600 V maximum

Circuit Breaker Rating	3A Configuration		4B Configuration		4A Configuration		5A Configuration	
	Catalogue Number	Price	Catalogue Number	Price	Catalogue Number	Price	Catalogue Number	Price
15	PBPFA3A100A015		PBPFA4B100A015		PBPFA4A100A015		PBPFA5A100A015	
20	PBPFA3A100A020		PBPFA4B100A020		PBPFA4A100A020		PBPFA5A100A020	
30	PBPFA3A100A030		PBPFA4B100A030		PBPFA4A100A030		PBPFA5A100A030	
40	PBPFA3A100A040		PBPFA4B100A040		PBPFA4A100A040		PBPFA5A100A040	
50	PBPFA3A100A050		PBPFA4B100A050		PBPFA4A100A050		PBPFA5A100A050	
60	PBPFA3A100A060		PBPFA4B100A060		PBPFA4A100A060		PBPFA5A100A060	
70	PBPFA3A100A070		PBPFA4B100A070		PBPFA4A100A070		PBPFA5A100A070	
80	PBPFA3A100A080		PBPFA4B100A080		PBPFA4A100A080		PBPFA5A100A080	
90	PBPFA3A100A090		PBPFA4B100A090		PBPFA4A100A090		PBPFA5A100A090	
100	PBPFA3A100A100		PBPFA4B100A100		PBPFA4A100A100		PBPFA5A100A100	

See Section DE-3 for FA circuit breaker information.

120 V Factory assembled units—1-pole QO/QOB circuit breakers with NEMA 5-15R or 5-20R receptacles ■

Circuit Breaker Rating	Type	3E Configuration		4A Configuration		5A Configuration	
		Catalogue Number	Price	Catalogue Number	Price	Catalogue Number	Price
Type 1		3E configuration places a circuit breaker in the middle & bottom slot in the front cover of the unit and a receptacle in the center & right positions in the base of the unit. (See below for 2 duplex receptacles.)		(3 circuit breakers w. 3 duplex recep.)		(3 circuit breakers w. 3 duplex recep.)	
15	QO			PBPQOR4A100M115		PBPQOR5A100M115	
15	QOB			PBPQOR4A100M115B		PBPQOR5A100M115B	
20	QO			PBPQOR4A100M120		PBPQOR5A100M120	
20	QOB			PBPQOR4A100M120B		PBPQOR5A100M120B	
Type 2		(2 circuit breakers w. 2 duplex recep.)		(3 circuit breakers w. 2 duplex/1 locking)		(3 circuit breakers w. 2 duplex/1 locking)	
15	QO	PBPQOR3E100M215		PBPQOR4A100M215		PBPQOR5A100M215	
15	QOB	PBPQOR3E100M215B		PBPQOR4A100M215B		PBPQOR5A100M215B	
20	QO	PBPQOR3E100M220		PBPQOR4A100M220		PBPQOR5A100M220	
20	QOB	PBPQOR3E100M220B		PBPQOR4A100M220B		PBPQOR5A100M220B	
Type 3		(2 circuit breakers w. 1 duplex/1 locking)		(3 circuit breakers w. 1 duplex/2 locking)		(3 circuit breakers w. 1 duplex/2 locking)	
15	QO	PBPQOR3E100M315		PBPQOR4A100M315		PBPQOR5A100M315	
15	QOB	PBPQOR3E100M315B		PBPQOR4A100M315B		PBPQOR5A100M315B	
20	QO	PBPQOR3E100M320		PBPQOR4A100M320		PBPQOR5A100M320	
20	QOB	PBPQOR3E100M320B		PBPQOR4A100M320B		PBPQOR5A100M320B	
Type 4		(2 circuit breakers w. 2 locking recep.)		(3 circuit breakers w. 3 locking recep.)		(3 circuit breakers w. 3 locking recep.)	
15	QO	PBPQOR3E100M415		PBPQOR4A100M415		PBPQOR5A100M415	
15	QOB	PBPQOR3E100M415B		PBPQOR4A100M415B		PBPQOR5A100M415B	
20	QO	PBPQOR3E100M420		PBPQOR4A100M420		PBPQOR5A100M420	
20	QOB	PBPQOR3E100M420B		PBPQOR4A100M420B		PBPQOR5A100M420B	

See Section DE-1 for QO/QOB circuit breaker information. Other available QO circuit breakers include -GF1, -HID, -K, and -EPD types.

■ Many more factory assembled units are available using combinations of 1P/2P/3P circuit breakers with other receptacles shown below. Consult your nearest Schneider Electric sales office

Non-Locking Devices—Acceptable NEMA Receptacles

Wiring	Voltage	15 A	20 A
2-pole, 2-wire	120	1-15R	---
2-pole, 2-wire	240	---	2-20R
2-pole, 3-wire grounding	120	5-15R	5-20R
2-pole, 3-wire grounding	240	6-15R	6-20R
3-pole, 3-wire	120 / 240	---	10-20R
3-pole, 3-wire	3Ø 240	11-15R	11-20R
3-pole, 3-wire grounding	120 / 240	14-15R	14-20R
3-pole, 3-wire grounding	3Ø 240	15-15R	15-20R

Plug-In Units have 1.82" x 2.82" openings for receptacle bodies, and 3.28" spacing between #6-32 mounting holes

Locking Devices—Acceptable NEMA Receptacles

Wiring	Voltage	15 A	20 A	30 A
2-pole, 2-wire	120	L1-15R	---	---
2-pole, 2-wire	240	---	L2-20R	---
2-pole, 3-wire grounding	120	L5-15R	L5-20R	L5-30R
2-pole, 3-wire grounding	240	L6-15R	L6-20R	L6-30R
3-pole, 3-wire	120 / 240	---	L10-20R	L10-30R
3-pole, 3-wire	3Ø 240	L11-15R	L11-20R	L11-30R
3-pole, 4-wire grounding	120 / 240	---	L14-20R	L14-30R
3-pole, 4-wire grounding	3Ø 240	---	L15-20R	L15-30R
4-pole, 4-wire	3ØY 120/208	---	L18-20R	L18-30R
4-pole, 5-wire grounding	3ØY 120/208	---	L21-20R	L21-30R

I-Line™ Busway

225 A-600 A PLUG-IN BUSWAY & ACCESSORIES Class 5610

Standard Components

Aluminum													
Number of Poles and Voltage	Rating (A)	10'0" Length		6'0" Length		Front Elbow▲		Top Elbow▲		Plug-In Tee		Plug-In Tap Box	
		Catalogue No.	Price	Catalogue No.	Price	Catalogue No.	Price	Catalogue No.	Price	Catalogue No.	Price	Catalogue No.	Price
3Ø3W 600V	225	AP30210		AP3026		AP302LF ()		AP302LT ()		PTT23WG		PTB302G	
	400	AP30410		AP3046		AP304LF ()		AP304LT ()		PTT33WG		PBTB306G	
	600	AP30610		AP3066		AP306LF ()		AP306LT ()		PTT43WG		PBTB306G	
3Ø4W 347/600V	225	AP50210		AP5026		AP502LF ()		AP502LT ()		PTT24WG		PTB502G	
	400	AP50410		AP5046		AP504LF ()		AP504LT ()		PTT34WG		PBTB506G	
	600	AP50610		AP5066		AP506LF ()		AP506LT ()		PTT44WG		PBTB506G	
3Ø3W + Integral Ground Bus 600V	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 347/600V	225	AP502G10		AP502G6		AP502GLF ()		AP502GLT ()		PTT24WG		PTB502G	
	400	AP504G10		AP504G6		AP504GLF ()		AP504GLT ()		PTT34WG		PBTB506G	
	600	AP506G10		AP506G6		AP506GLF ()		AP506GLT ()		PTT44WG		PBTB506G	

Copper													
Number of Poles and Voltage	Rating (A)	10'0" Length		6'0" Length		Front Elbow▲		Top Elbow▲		Plug-In Tee		Plug-In Tap Box	
		Catalogue No.	Price	Catalogue No.	Price	Catalogue No.	Price	Catalogue No.	Price	Catalogue No.	Price	Catalogue No.	Price
3Ø3W 600V	225	CP30210		CP3026		CP302LF ()		CP302LT ()		PTT23WG		PTB302G	
	400	CP30410		CP3046		CP304LF ()		CP304LT ()		PTT33WG		PBTB306G	
	600	CP30610		CP3066		CP306LF ()		CP306LT ()		PTT43WG		PBTB306G	
3Ø4W 347/600V	225	CP50210		CP5026		CP502LF ()		CP502LT ()		PTT24WG		PTB502G	
	400	CP50410		CP5046		CP504LF ()		CP504LT ()		PTT34WG		PBTB506G	
	600	CP50610		CP5066		CP506LF ()		CP506LT ()		PTT44WG		PBTB506G	
3Ø3W + Integral Ground Bus 600V	225	CP302G10		CP302G6		CP302GLF ()		CP302GLT ()		PTT23WG		PTB302G	
	400	CP304G10		CP304G6		CP304GLF ()		CP304GLT ()		PTT33WG		PBTB306G	
	600	CP306G10		CP306G6		CP306GLF ()		CP306GLT ()		PTT43WG		PBTB306G	
3Ø4W + Integral Ground Bus 347/600V	225	CP502G10		CP502G6		CP502GLF ()		CP502GLT ()		PTT24WG		PTB502G	
	400	CP504G10		CP504G6		CP504GLF ()		CP504GLT ()		PTT34WG		PBTB506G	
	600	CP506G10		CP506G6		CP506GLF ()		CP506GLT ()		PTT44WG		PBTB506G	

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

Common Accessories

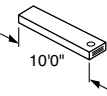


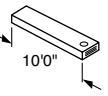


Ampere Rating		Hanger (Catalogue No.)				End Closure		Wall Flange		Floor Flange	
Aluminum	Copper	Flatwise	Vertical	Edgewise	Price	Catalogue No.	Price	Catalogue No.	Price	Catalogue No.	Price
225	225	HP2F	HP2V	HP3E		ACP2EC		ACP2WF		ACP2FF	
400	400	HP3F	HP3V	HP3E		ACP3EC		ACP3WF		ACP3FF	
600	600	HP3F	HP3V	HP3E		ACP3EC		ACP3WF		ACP3FF	
600	600	HP5F	HP4V	HP5E		ACP4EC		ACP4WF		ACP4FF	

Note: 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.

Short Circuit Rating (RMS, Symmetrical)










Amp. Rating	Type AP & CP	Type APH & CPH
225	22,000	-----
400	22,000	42,000
600	22,000	42,900

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

		Aluminum				For use on both Aluminum and Copper Busway		Copper			
											
Number of Poles	Amp Rating	10'0" Length				Plug-In Tap Box		10'0" Length			
		Feeder Style▲		Plug-In Style■		Plug-In Tap Box◆		Feeder Style▲		Plug-In Style■	
		Catalogue No.	Price	Catalogue No.	Price	Catalogue No.	Price	Catalogue No.	Price	Catalogue No.	Price
3Ø3W + Integral Ground Bus 600V Max	800	AF2308G10ST		AP2308G10ST		PTB316G ()★		CF2308G10ST		CP2308G10ST	
	1000	AF2310G10ST		AP2310G10ST		PTB316G ()		CF2310G10ST		CP2310G10ST	
	1200	AF2312G10ST		AP2312G10ST		PTB316G ()		CF2312G10ST		CP2312G10ST	
	1600	AF2316G10ST		AP2316G10ST		PTB316G ()		CF2316G10ST		CP2316G10ST	
	2000	AF2320G10ST		AP2320G10ST		...		CF2320G10ST		CP2320G10ST	
	2500	AF2325G10ST		AP2325G10ST		...		CF2325G10ST		CP2325G10ST	
3Ø4W + Integral Ground Bus 347/600V Max 100% Neutral	3000	AF2330G10ST		AP2330G10ST		...		CF2330G10ST		CP2330G10ST	
	4000	AF2340G10ST		AP2340G10ST		...		CF2340G10ST		CP2340G10ST	
	5000	...		...		...		CF2350G10ST		CP2350G10ST	
	800	AF2508G10ST		AP2508G10ST		PTB516G ()★		CF2508G10ST		CP2508G10ST	
	1000	AF2510G10ST		AP2510G10ST		PTB516G ()		CF2510G10ST		CP2510G10ST	
	1200	AF2512G10ST		AP2512G10ST		PTB516G ()		CF2512G10ST		CP2512G10ST	
	1600	AF2516G10ST		AP2516G10ST		PTB516G ()		CF2516G10ST		CP2516G10ST	
	2000	AF2520G10ST		AP2520G10ST		...		CF2520G10ST		CP2520G10ST	
	2500	AF2525G10ST		AP2525G10ST		...		CF2525G10ST		CP2525G10ST	
3000	AF2530G10ST		AP2530G10ST		...		CF2530G10ST		CP2530G10ST		
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 ft lengths.
- ◆ Add "(H)" or "(V)" to Catalogue number based on horizontal or vertical mounting arrangement.
- ★ Cannot be used for 800 A copper busway.

Fittings (all Feeder style)

		Aluminum						Copper						
														
Number of Poles	Amp Rating	End Tap Box		Edgewise Elbow		Flatwise Elbow		End Tap Box		Edgewise Elbow		Flatwise Elbow		
		Catalogue No.	Price	Catalogue No.	Price	Catalogue No.	Price	Catalogue No.	Price	Catalogue No.	Price	Catalogue No.	Price	
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		
3Ø4W with Integral Ground Bus	2500	AF2325GETBMB		AF2325GLEM11		AF2325GLFM17		CF2325GETBMB		CF2325GLEM11		CF2325GLFM15		
	3000	AF2330GETBMB		AF2330GLEM11		AF2330GLFM18		CF2330GETBMB		CF2330GLEM11		CF2330GLFM16		
	4000	AF2340GETBMB		AF2340GLEM11		AF2340GLFM22		CF2340GETBMB		CF2340GLEM11		CF2340GLFM21		
	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			
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		Price	Catalogue No.	Price	Catalogue No.	Price
		Flatwise	Edgewise	Fixed	Spring					
...	800	HF38F	HF43E	HFV			ACF38EC		ACF38WF	
800	1000	HF43F	HF43E	HFV			ACF43EC		ACF43WF	
1000	1200	HF53F	HF53E	HFV			ACF53EC		ACF53WF	
...	1350	HF58F	HF58E	HFV			ACF58EC		ACF58WF	
1200	...	HF63F	HF67E	HFV			ACF63EC		ACF63WF	
...	1600	HF67F	HF67E	HFV			ACF67EC		ACF67WF	
1350	...	HF73F	HF78E	HFV			ACF73EC		ACF73WF	
...	2000	HF78F	HF78E	HFV			ACF78EC		ACF78WF	
1600	...	HF88F	HF88E	HFV			ACF88EC		ACF88WF	
2000	2500	HF13F	HF13E	HFV			ACF13EC		ACF13WF	
...	3000	HF15F	HF15E	HFV			ACF15EC		ACF15WF	
2500	...	HF16F	HF16E	HFV			ACF17EC		ACF17WF	
3000	...	HF19F	HF19E	HFV			ACF19EC		ACF19WF	
4000	...	HF26F	HF26E	HFV			ACF26EC		ACF26WF	
...	4000	HF24F	HF24E	HFV			ACF24EC		ACF24WF	
...	5000	HF25F	HF26E	HFV			ACF25EC		ACF25WF	

Additions, Accessories, and Electrical Data

Class 5615

Miscellaneous Additions & Accessories

- **Integral Weather Seal** (Vapor Barrier)
(Required when busway passes through an exterior wall or roof)
- **Roof Flange Kit**
(Required when busway penetrates an exterior roof)
- **Hanger, Horizontal Flatwise and Edgewise**
- **Hangers, Vertical Fixed (HF-V)**
- **Hangers, Vertical Spring**

Aluminum Busway	Copper Busway	
800 A thru 1200 A	800 A thru 1200 A	HFVS1
2000 A thru 2500 A	1350 A thru 2000 A	HFVS2
3000 A thru 4000 A	2500 A thru 5000 A	HFVS8
- **Lugs** – Other than Square D Standard
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

Example: 10 foot Indoor Plug-In Busway with Finger Protection to IP2X (Catalogue No. AP2516G10STY).

10 foot Indoor Riser Busway with Finger Protection to IP2X (Catalogue No. AR2516G10STY).

▲ Add a Y suffix for the IP2X feature.

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

Electrical Data For I-LINE™ Busway

Standards:	UL857 (File Number E22182); CSA C22.2 No. 27-1994 (File Number LL-61778); 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: UL 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
4000	150	200	200	...	150	200	200	...
5000	...	...	...	...	150	200	200	...

30 - 1600 Amps
575 VAC Max.

Application Data
Fusible Plug-in Units

Application Data - Plug-in Unit

Industrial uses of plug-in busway frequently involve cycling of heavy duty loads such as welders, induction furnaces, molding machines and air compressors. The peak currents obtained and the duty cycle of the equipment involved affect the selection of plug-in busway and plug-in units.

Plug-in units used on **aluminum** busway must be selected in accordance with table below. **Equipment warranty is void** on installations which do not comply with this selection table.

Fusible Switch Standard Ratings apply when code fuses are installed and Maximum Ratings apply when class R or J HRC fuses are installed.

Voltage	Plug-In Unit Amp Rating	Motor - 3 Phase Horsepower				Resistance Welder		60 Hz Induction Device Heaters, Furnaces, Die Cast and Moulding Machines	
		Fusible Switch		Circuit Breaker		Maximum kVA			
		Standard	Maximum	Ordinary Service	Heavy Service▲	1 Phase	3 Phase		
240 VAC	30	3	7.5	---	---	5	8	Fusible Switch or Circuit Breaker Frame size must be at least 2 times device name-plate ampere rating (including internal motors etc).	
	60	7.5	15	---	---	10	15		
	100	15	30	25	---	15	25		
	200	25	60	50	---	30	50		
	400	---	---	100	---	60	100		
	600	---	---	150	---	100	175		
480 VAC	30	5	15	---	---	10	15		Fuse size or circuit breaker trip rating should be selected in accordance with CEC and good engineering practices.
	60	15	30	---	---	20	35		
	100	25	30	50	30	30	50		
	200	50	125	100	60	60	100		
	400	---	---	250	125	125	200		
	600	---	---	350	200	150	250		
600 VAC	30	7.5	20	---	---	---	---		
	60	15	50	---	---	---	---		
	100	30	60	50	30	---	---		
	200	60	150	100	60	---	---		
	400	125	350	100	100	---	---		
	600	250	500	---	---	---	---		

▲ Over 25 starts per hour or over 5 starts per minute.

Plug-in Units Fusible - Floor-Operable Quick-Make, Quick-Break

Amp Rating	Type of Connection	240 Vac		120/208 Vac		600 Vac		347/600 Vac	
		3P-3 Fuse + G	Price	4P-3 Fuse + G	Price	3P-3 Fuse + G	Price	4P-3 Fuse + G	Price
30	Plug-in	PQ3203G		PQ4203G		PQ3603G		PQ4603G	
60		PQ3206G		PQ4206G		PQ3606G		PQ4606G	
100		PQ3210G		PQ4210G		PQ3610G		PQ4610G	
200		PQ3220G		PQ4220G		PQ3620G		PQ4620G	
200*		PS3220G*		PS4220G*		PS3620G*		PS4620G*	
400		PBQ3640GΔ		PBQ4640GΔ		PBQ3640GΔ		PBQ4640GΔ	
600	PBQ3660GΔ		PBQ4660GΔ		PBQ3660GΔ		PBQ4660GΔ		
800	Bolt-on‡	-----		-----		PTQ3680G ()■		PTQ4680G ()■	
1000		-----		-----		PTQ36100G ()■		PTQ46100G ()■	
1200		-----		-----		PTQ36120G ()■		PTQ46120G ()■	
1600		-----		-----		PTQ36160G ()■		PTQ46160G ()■	

Class J Fuses

Provisions for installing Class J fuses are included in 30 through 600 ampere 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.

‡ This device uses bolt-on connection. It may be used only on plug-in busway with same number of poles, i.e. do not use 3-pole unit on 3Ø4W busway, or 3Ø4W unit on 3-pole busway. Not for use on series 1 & 2 original I-LINE busway.

Δ For vertical riser applications order auxiliary mounting kit - Catalogue 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 (V) for vertical applications. not for use on 800A copper busway.

Class R Fuse Kits - A Discount

Switch Size	Voltage Rating	Kit☆ Catalogue Number	Price
30	250V†	QMB-30R	
	600V†	QMB-36R	
	250V†	QMB-36R	
60	600V†	QMB-60R	
	All	HRK1020	
100A & 200A	All	QMB4060R	
400A & 600A	All		

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

† Contains parts to convert 2 units.

☆Kit must be field installed.

I-Line™ Busway

Circuit Breaker Plug-in Units

15 - 400 Amps
600 VAC Max.

Circuit Breaker Plug-in Units - Standard Interrupting Capacity

FA Breakers													
Breaker Frame	Rating Amps	240VAC		120/208VAC		480VAC		277/480VAC		600VAC		347/600VAC	
		Trip Catalogue Number	Price	Trip Catalogue Number	Price	Trip Catalogue Number	Price	Trip Catalogue Number	Price	Trip Catalogue Number	Price	Trip Catalogue Number	Price
FA ▲	15	PFA32015G		PFA32015GN		PFA34015G		PFA34015GN		PFA36015G		PFA36015GN	
	20	PFA32020G		PFA32020GN		PFA34020G		PFA34020GN		PFA36020G		PFA36020GN	
	30	PFA32030G		PFA32030GN		PFA34030G		PFA34030GN		PFA36030G		PFA36030GN	
	40	PFA32040G		PFA32040GN		PFA34040G		PFA34040GN		PFA36040G		PFA36040GN	
	50	PFA32050G		PFA32050GN		PFA34050G		PFA34050GN		PFA36050G		PFA36050GN	
	60	PFA32060G		PFA32060GN		PFA34060G		PFA34060GN		PFA36060G		PFA36060GN	
	70	PFA32070G		PFA32070GN		PFA34070G		PFA34070GN		PFA36070G		PFA36070GN	
	90	PFA32090G		PFA32090GN		PFA34090G		PFA34090GN		PFA36090G		PFA36090GN	
	100	PFA32100G		PFA32100GN		PFA34100G		PFA34100GN		PFA36100G		PFA36100GN	

▲ Other trip ratings available on an order only basis. Contact Schneider Electric sales office for order details.

L-Frame Circuit Breaker Plug-in Units

Circuit Breaker Frame	Trip Rating Amps	600VAC		277/480VAC (600VAC Max.)	
		Trip Catalogue Number	Price	Trip Catalogue Number	Price
LA	300	PBLA36300G		PBLA36300GN	
	350	PBLA36350G		PBLA36350GN	
	400	PBLA36400G		PBLA36400GN	
LH	300	PBLH36300G		PBLH36300GN	
	350	PBLH36350G		PBLH36350GN	
	400	PBLH36400G		PBLH36400GN	
LC ■	300	PBLC34300G		PBLC34300GN	
	350	PBLC34350G		PBLC34350GN	
	400	PBLC34400G		PBLC34400GN	
	600	PBLC34600G		PBLC34600GN	
LX ◆	300	PBLX36300G		PBLX36300GN	
	350	PBLX36350G		PBLX36350GN	
	400	PBLX36400G		PBLX36400GN	
	600	PBLX36600G		PBLX36600GN	
LE ◆★	300	PBLE36300GLS		PBLE36300GNLS	
	350	PBLE36350GLS		PBLE36350GNLS	
	400	PBLE36400GLS		PBLE36400GNLS	
	600	PBLE36600GLS		PBLE36600GNLS	

- ▼ All these devices use plug-in connections.
- LC units are only rated up to 480 Vac max.
- ◆ LX and LE circuit breakers are supplied with -LSI (long time, short time, instantaneous pickup) adjustable trip unit functions. Contact your local Schneider Electric field office for pricing if alternate trip unit functions are required.
- ★ LE circuit breakers are 100% rated.

Current Limiting Circuit Breaker Plug-In Units

Breaker Frame	Trip Rating Amps	480VAC		277/480VAC	
		Trip Catalogue Number	Price	Trip Catalogue Number	Price
FI	20	PFI34020G		PFI34020GN	
	30	PFI34030G		PFI34030GN	
	40	PFI34040G		PFI34040GN	
	50	PFI34050G		PFI34050GN	
	60	PFI34060G		PFI34060GN	
	70	PFI34070G		PFI34070GN	
	80	PFI34080G		PFI34080GN	
	90	PFI34090G		PFI34090GN	
	100	PFI34100G		PFI34100GN	
	KI	125	PKI34125G		PKI34125GN
150		PKI34150G		PKI34150GN	
175		PKI34175G		PKI34175GN	
200		PKI34200G		PKI34200GN	
225		PKI34225G		PKI34225GN	
LI	250	PKI34250G		PKI34250GN	
	300	PBLI34300G		PBLI34300GN	
	350	PBLI34350G		PBLI34350GN	
	400	PBLI34400G		PBLI34400GN	
	600	PBLI34600G		PBLI34600GN	
LXI ■	300	PBLXI36300G		PBLXI36300GN	
	350	PBLXI36350G		PBLXI36350GN	
	400	PBLXI36400G		PBLXI36400GN	
	500	PBLXI36500G		PBLXI36500GN	
	600	PBLXI36600G		PBLXI36600GN	

- ▼ All these devices use plug-in connections.
- LXI circuit breakers are rated up to 600 Vac max. and are supplied with -LSI (long time, short time, instantaneous pickup) adjustable trip unit functions. Contact your local Schneider Electric field office for pricing if alternate trip unit functions are required.

Interrupting Capacity of Circuit Breaker Plug-in Units

Catalogue Number Prefix	Trip Range (Amperes)	UL Listed Interrupting Rating - RMS Symmetrical Amperes		
		240 V. AC	480 V. AC	600 V. AC
With Moulded Case Circuit Breakers - Standard Interrupting Capacity				
PFA	15-100	10,000	18,000	18,000
PKA	125-250	42,000	25,000	22,000
PBLA	250-400	42,000	30,000	22,000
PTMA	500-1000	42,000	30,000	22,000
PTPA	1200-1600	65,000	50,000	42,000
With Moulded Case Circuit Breakers - High Interrupting Capacity and Solid State Trip				
PFH	15-100	65,000	25,000	18,000
PKH	125-250	65,000	35,000	25,000
PBLH	250-400	65,000	35,000	25,000
PTME, PTMH	500-1000	65,000	65,000	25,000
PTPE, PTPH	1200-1600	125,000	100,000	65,000
With Moulded Case I-Limiter Current Limiting Circuit Breakers				
PFI	15-100	200,000	200,000	Not CSA nor UL
PKI	125-250	200,000	200,000	approved or tested
PBLI	250-400	200,000	200,000	at 600 VAC

15 - 250 Amps
600 VAC Max.

H & J Circuit Breaker Plug-in Units

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

Trip Rating Amps	D Interrupting		G Interrupting		J Interrupting		L Interrupting	
	Catalogue Number	Price	Catalogue Number	Price	Catalogue Number	Price	Catalogue Number	Price
3-pole + G, 600 Vac 50/60 Hz								
15	PHD36015G		PHG36015G		PHJ36015G		PHL36015G	
20	PHD36020G		PHG36020G		PHJ36020G		PHL36020G	
25	PHD36025G		PHG36025G		PHJ36025G		PHL36025G	
30	PHD36030G		PHG36030G		PHJ36030G		PHL36030G	
35	PHD36035G		PHG36035G		PHJ36035G		PHL36035G	
40	PHD36040G		PHG36040G		PHJ36040G		PHL36040G	
45	PHD36045G		PHG36045G		PHJ36045G		PHL36045G	
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	
110	PHD36110G		PHG36110G		PHJ36110G		PHL36110G	
125	PHD36125G		PHG36125G		PHJ36125G		PHL36125G	
150	PHD36150G		PHG36150G		PHJ36150G		PHL36150G	

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

Trip Rating Amps	D Interrupting		G Interrupting		J Interrupting		L Interrupting	
	Catalogue Number	Price	Catalogue Number	Price	Catalogue Number	Price	Catalogue Number	Price
3Ø4W + G, 277/480 Vac (600 Vac Max) 50/60 Hz								
15	PHD36015GN		PHG36015GN		PHJ36015GN		PHL36015GN	
20	PHD36020GN		PHG36020GN		PHJ36020GN		PHL36020GN	
25	PHD36025GN		PHG36025GN		PHJ36025GN		PHL36025GN	
30	PHD36030GN		PHG36030GN		PHJ36030GN		PHL36030GN	
35	PHD36035GN		PHG36035GN		PHJ36035GN		PHL36035GN	
40	PHD36040GN		PHG36040GN		PHJ36040GN		PHL36040GN	
45	PHD36045GN		PHG36045GN		PHJ36045GN		PHL36045GN	
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	
110	PHD36110GN		PHG36110GN		PHJ36110GN		PHL36110GN	
125	PHD36125GN		PHG36125GN		PHJ36125GN		PHL36125GN	
150	PHD36150GN		PHG36150GN		PHJ36150GN		PHL36150GN	

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

Trip Rating Amps	D Interrupting		G Interrupting		J Interrupting		L Interrupting	
	Catalogue Number	Price	Catalogue Number	Price	Catalogue Number	Price	Catalogue Number	Price
3-pole + 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—Plug-in Units—Standard (80%) Rated—3Ø4W

Trip Rating Amps	D Interrupting		G Interrupting		J Interrupting		L Interrupting	
	Catalogue Number	Price	Catalogue Number	Price	Catalogue Number	Price	Catalogue Number	Price
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	

Interrupting Ratings

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

I-Line™ Busway

PowerPact™ H-, J-, and M-Frame Plug-in Units Class 5600

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

Trip Rating Amps	Trip Function ▲	Trip Unit	D Interrupting		G Interrupting		J Interrupting		L Interrupting	
			Catalogue Number ■	Price	Catalogue Number ■	Price	Catalogue Number ■	Price	Catalogue Number ■	Price
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	
60 100 150 250	LSIG	6.2 A	PHD36060GU44X PHD36100GU44X PHD36150GU44X PJD36250GU44X		PHG36060GU44X PHG36100GU44X PHG36150GU44X PJG36250GU44X		PHJ36060GU44X PHJ36100GU44X PHJ36150GU44X PJJ36250GU44X		PHL36060GU44X PHL36100GU44X PHL36150GU44X PJL36250GU44X	

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

Trip Rating Amps	Trip Function ▲	Trip Unit	D Interrupting		G Interrupting		J Interrupting		L Interrupting	
			Catalogue Number ■	Price	Catalogue Number ■	Price	Catalogue Number ■	Price	Catalogue Number ■	Price
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	
60 100 150 250	LSIG	6.2 A	PHD36060GNU44X PHD36100GNU44X PHD36150GNU44X PJD36250GNU44X		PHG36060GNU44X PHG36100GNU44X PHG36150GNU44X PJG36250GNU44X		PHJ36060GNU44X PHJ36100GNU44X PHJ36150GNU44X PJJ36250GNU44X		PHL36060GNU44X PHL36100GNU44X PHL36150GNU44X PJL36250GNU44X	

▲ 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%.

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

Trip Rating Amps	G Interrupting		J Interrupting	
	Catalogue Number ▲■◆	Price	Catalogue Number ▲■◆	Price
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 Amps	G Interrupting		J Interrupting	
	Catalogue Number ▲■◆	Price	Catalogue Number ▲■◆	Price
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.

◆ Add suffix (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 Amps	Trip Function	Trip Unit	G Interrupting			J Interrupting		
			Catalogue Number ▲■◆	Price		Catalogue Number ▲■◆	Price	
				80 % Rated	100 % Rated		80 % Rated	100 % Rated
Micrologic Standard Trip Unit								
3Ø3W + G, 600 Vac 50/60 Hz								
400	LI	3.0	PTPG36040G()U31A			PTPJ36040G()U31A		
600			PTPG36060G()U31A			PTPJ36060G()U31A		
800			PTPG36080G()U31A			PTPJ36080G()U31A		
1000			PTPG36100G()U31A			PTPJ36100G()U31A		
1200			PTPG36120G()U31A			PTPJ36120G()U31A		
400	LSI	5.0	PTPG36040G()U33A			PTPJ36040G()U33A		
600			PTPG36060G()U33A			PTPJ36060G()U33A		
800			PTPG36080G()U33A			PTPJ36080G()U33A		
1000			PTPG36100G()U33A			PTPJ36100G()U33A		
1200			PTPG36120G()U33A			PTPJ36120G()U33A		
Micrologic Ammeter Trip Unit								
3Ø3W + G, 600 Vac 50/60 Hz								
400	LI	3.0 A	PTPG36040G()U41A			PTPJ36040G()U41A		
600			PTPG36060G()U41A			PTPJ36060G()U41A		
800			PTPG36080G()U41A			PTPJ36080G()U41A		
1000			PTPG36100G()U41A			PTPJ36100G()U41A		
1200			PTPG36120G()U41A			PTPJ36120G()U41A		
400	LSI	5.0 A	PTPG36040G()U43A			PTPJ36040G()U43A		
600			PTPG36060G()U43A			PTPJ36060G()U43A		
800			PTPG36080G()U43A			PTPJ36080G()U43A		
1000			PTPG36100G()U43A			PTPJ36100G()U43A		
1200			PTPG36120G()U43A			PTPJ36120G()U43A		
400	LSIG	6.0 A	PTPG36040G()U44A			PTPJ36040G()U44A		
600			PTPG36060G()U44A			PTPJ36060G()U44A		
800			PTPG36080G()U44A			PTPJ36080G()U44A		
1000			PTPG36100G()U44A			PTPJ36100G()U44A		
1200			PTPG36120G()U44A			PTPJ36120G()U44A		

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

Trip Rating Amps	Trip Function	Trip Unit	G Interrupting			J Interrupting		
			Catalogue Number ▲■◆	Price		Catalogue Number ▲■◆	Price	
				80 % Rated	100 % Rated		80 % Rated	100 % Rated
Micrologic Standard Trip Unit								
3Ø4W + G, 600 Vac 50/60 Hz								
400	LI	3.0	PTPG36040GN()U31A			PTPJ36040GN()U31A		
600			PTPG36060GN()U31A			PTPJ36060GN()U31A		
800			PTPG36080GN()U31A			PTPJ36080GN()U31A		
1000			PTPG36100GN()U31A			PTPJ36100GN()U31A		
1200			PTPG36120GN()U31A			PTPJ36120GN()U31A		
400	LSI	5.0	PTPG36040GN()U33A			PTPJ36040GN()U33A		
600			PTPG36060GN()U33A			PTPJ36060GN()U33A		
800			PTPG36080GN()U33A			PTPJ36080GN()U33A		
1000			PTPG36100GN()U33A			PTPJ36100GN()U33A		
1200			PTPG36120GN()U33A			PTPJ36120GN()U33A		
Micrologic Ammeter Trip Unit								
3Ø4W + G, 600 Vac 50/60 Hz								
400	LI	3.0 A	PTPG36040GN()U41A			PTPJ36040GN()U41A		
600			PTPG36060GN()U41A			PTPJ36060GN()U41A		
800			PTPG36080GN()U41A			PTPJ36080GN()U41A		
1000			PTPG36100GN()U41A			PTPJ36100GN()U41A		
1200			PTPG36120GN()U41A			PTPJ36120GN()U41A		
400	LSI	5.0 A	PTPG36040GN()U43A			PTPJ36040GN()U43A		
600			PTPG36060GN()U43A			PTPJ36060GN()U43A		
800			PTPG36080GN()U43A			PTPJ36080GN()U43A		
1000			PTPG36100GN()U43A			PTPJ36100GN()U43A		
1200			PTPG36120GN()U43A			PTPJ36120GN()U43A		
400	LSIG	6.0 A	PTPG36040GN()U44A			PTPJ36040GN()U44A		
600			PTPG36060GN()U44A			PTPJ36060GN()U44A		
800			PTPG36080GN()U44A			PTPJ36080GN()U44A		
1000			PTPG36100GN()U44A			PTPJ36100GN()U44A		
1200			PTPG36120GN()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 catalogue number with the applicable suffix letter. See the chart on page DE3-34 for rating plug catalog suffix letters.
- 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 catalogue 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

R-frame Circuit Breakers 80% Rated

600 - 1600 Amps
600 VAC Max.

R-frame -- Standard (80%) Rated -- 3Ø3W

Circuit Breaker Type - Micrologic Standard Trip Unit ▲◆

Rating Ampere	G Interrupting		J Interrupting		L Interrupting	
	Catalogue Number	Price	Catalogue Number	Price	Catalogue Number	Price
3-pole + G, 600 Vac 50/60 Hz With LI Trip Functions (Micrologic 3.0)						
600	PTRG36060G(U)U31A■		PTRJ36060G(U)U31A■		PTRL36060G(U)U31A■	
800	PTRG36080G(U)U31A		PTRJ36080G(U)U31A		PTRL36080G(U)U31A	
1000	PTRG36100G(U)U31A		PTRJ36100G(U)U31A		PTRL36100G(U)U31A	
1200	PTRG36120G(U)U31A		PTRJ36120G(U)U31A		PTRL36120G(U)U31A	
1600	PTRG36160G(U)U31A		PTRJ36160G(U)U31A		PTRL36160G(U)U31A	
3-pole, 600 Vac 50/60 Hz With LSI Trip Functions (Micrologic 5.0)						
600	PTRG36060G(U)U33A■		PTRJ36060G(U)U33A■		PTRL36060G(U)U33A■	
800	PTRG36080G(U)U33A		PTRJ36080G(U)U33A		PTRL36080G(U)U33A	
1000	PTRG36100G(U)U33A		PTRJ36100G(U)U33A		PTRL36100G(U)U33A	
1200	PTRG36120G(U)U33A		PTRJ36120G(U)U33A		PTRL36120G(U)U33A	
1600	PTRG36160G(U)U33A		PTRJ36160G(U)U33A		PTRL36160G(U)U33A	

Micrologic Ammeter Trip Unit ▲◆

3-pole, 600 Vac 50/60 Hz With LI Trip Functions (Micrologic 3.0A)

600	PTRG36060G(U)U41A■		PTRJ36060G(U)U41A■		PTRL36060G(U)U41A■	
800	PTRG36080G(U)U41A		PTRJ36080G(U)U41A		PTRL36080G(U)U41A	
1000	PTRG36100G(U)U41A		PTRJ36100G(U)U41A		PTRL36100G(U)U41A	
1200	PTRG36120G(U)U41A		PTRJ36120G(U)U41A		PTRL36120G(U)U41A	
1600	PTRG36160G(U)U41A		PTRJ36160G(U)U41A		PTRL36160G(U)U41A	

3-pole, 600 Vac 50/60 Hz With LSI Trip Functions (Micrologic 5.0A)

600	PTRG36060G(U)U43A■		PTRJ36060G(U)U43A■		PTRL36060G(U)U43A■	
800	PTRG36080G(U)U43A		PTRJ36080G(U)U43A		PTRL36080G(U)U43A	
1000	PTRG36100G(U)U43A		PTRJ36100G(U)U43A		PTRL36100G(U)U43A	
1200	PTRG36120G(U)U43A		PTRJ36120G(U)U43A		PTRL36120G(U)U43A	
1600	PTRG36160G(U)U43A		PTRJ36160G(U)U43A		PTRL36160G(U)U43A	

3-pole, 600 Vac 50/60 Hz With LSI Trip Functions (Micrologic 6.0A)

600	PTRG36060G(U)U44A■		PTRJ36060G(U)U44A■		PTRL36060G(U)U44A■	
800	PTRG36080G(U)U44A		PTRJ36080G(U)U44A		PTRL36080G(U)U44A	
1000	PTRG36100G(U)U44A		PTRJ36100G(U)U44A		PTRL36100G(U)U44A	
1200	PTRG36120G(U)U44A		PTRJ36120G(U)U44A		PTRL36120G(U)U44A	
1600	PTRG36160G(U)U44A		PTRJ36160G(U)U44A		PTRL36160G(U)U44A	

R-frame -- Standard (80%) Rated -- 3Ø4W

Circuit Breaker Type - Micrologic Standard Trip Unit ▲◆

Rating Ampere	G Interrupting		J Interrupting		L Interrupting	
	Catalogue Number	Price	Catalogue Number	Price	Catalogue Number	Price
3Ø4W + G 277/480 Vac (600 Vac Max) 50/60 Hz With LI Trip Functions (Micrologic 3.0)						
600	PTRG36060GN(U)U31A■		PTRJ36060GN(U)U31A■		PTRL36060GN(U)U31A■	
800	PTRG36080GN(U)U31A		PTRJ36080GN(U)U31A		PTRL36080GN(U)U31A	
1000	PTRG36100GN(U)U31A		PTRJ36100GN(U)U31A		PTRL36100GN(U)U31A	
1200	PTRG36120GN(U)U31A		PTRJ36120GN(U)U31A		PTRL36120GN(U)U31A	
1600	PTRG36160GN(U)U31A		PTRJ36160GN(U)U31A		PTRL36160GN(U)U31A	
3Ø4W + G 277/480 Vac (600 Vac Max) 50/60 Hz With LSI Trip Functions (Micrologic 5.0)						
600	PTRG36060GN(U)U33A■		PTRJ36060GN(U)U33A■		PTRL36060GN(U)U33A■	
800	PTRG36080GN(U)U33A		PTRJ36080GN(U)U33A		PTRL36080GN(U)U33A	
1000	PTRG36100GN(U)U33A		PTRJ36100GN(U)U33A		PTRL36100GN(U)U33A	
1200	PTRG36120GN(U)U33A		PTRJ36120GN(U)U33A		PTRL36120GN(U)U33A	
1600	PTRG36160GN(U)U33A		PTRJ36160GN(U)U33A		PTRL36160GN(U)U33A	

Micrologic Ammeter Trip Unit ▲◆

3Ø4W + G 277/480 Vac (600 Vac Max) 50/60 Hz With LI Trip Functions (Micrologic 3.0A)

600	PTRG36060GN(U)U41A■		PTRJ36060GN(U)U41A■		PTRL36060GN(U)U41A■	
800	PTRG36080GN(U)U41A		PTRJ36080GN(U)U41A		PTRL36080GN(U)U41A	
1000	PTRG36100GN(U)U41A		PTRJ36100GN(U)U41A		PTRL36100GN(U)U41A	
1200	PTRG36120GN(U)U41A		PTRJ36120GN(U)U41A		PTRL36120GN(U)U41A	
1600	PTRG36160GN(U)U41A		PTRJ36160GN(U)U41A		PTRL36160GN(U)U41A	

3Ø4W + G 277/480 Vac (600 Vac Max) 50/60 Hz With LSI Trip Functions (Micrologic 5.0A)

600	PTRG36060GN(U)U43A■		PTRJ36060GN(U)U43A■		PTRL36060GN(U)U43A■	
800	PTRG36080GN(U)U43A		PTRJ36080GN(U)U43A		PTRL36080GN(U)U43A	
1000	PTRG36100GN(U)U43A		PTRJ36100GN(U)U43A		PTRL36100GN(U)U43A	
1200	PTRG36120GN(U)U43A		PTRJ36120GN(U)U43A		PTRL36120GN(U)U43A	
1600	PTRG36160GN(U)U43A		PTRJ36160GN(U)U43A		PTRL36160GN(U)U43A	

3Ø4W + G 277/480 Vac (600 Vac Max) 50/60 Hz With LSI Trip Functions (Micrologic 6.0A)

600	PTRG36060GN(U)U44A■		PTRJ36060GN(U)U44A■		PTRL36060GN(U)U44A■	
800	PTRG36080GN(U)U44A		PTRJ36080GN(U)U44A		PTRL36080GN(U)U44A	
1000	PTRG36100GN(U)U44A		PTRJ36100GN(U)U44A		PTRL36100GN(U)U44A	
1200	PTRG36120GN(U)U44A		PTRJ36120GN(U)U44A		PTRL36120GN(U)U44A	
1600	PTRG36160GN(U)U44A		PTRJ36160GN(U)U44A		PTRL36160GN(U)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 catalogue number with the applicable suffix letter. See chart on page DE3-34 for rating plug catalogue suffix letters.

■ Special device. Contact your local Schneider Electric Field Office for ordering information.

◆ All these devices use bolt-on connection. It may be used only on 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:

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

2. The 600 A is available as a special device. Contact your local Schneider Electric field office for ordering information.

Interrupting Ratings

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

600 - 1200 Amps
600 VAC Max.

R-frame Circuit Breakers 100% Rated

R-frame -- 100% Rated -- 3Ø3W

Circuit Breaker Type - Micrologic 100% Trip Unit ▲◆

Trip Rating Amps	G Interrupting		J Interrupting		L Interrupting	
	Catalogue Number	Price	Catalogue Number	Price	Catalogue Number	Price
3Ø3W + G, 600 Vac 50/60 Hz With LI Trip Functions (Micrologic 3.0)						
600	PTRG36060G()CU31A■		PTRJ36060G()CU31A■		PTRL36060G()CU31A■	
800	PTRG36080G()CU31A		PTRJ36080G()CU31A		PTRL36080G()CU31A	
1000	PTRG36100G()CU31A		PTRJ36100G()CU31A		PTRL36100G()CU31A	
1200	PTRG36120G()CU31A		PTRJ36120G()CU31A		PTRL36120G()CU31A	
3Ø3W + G, 600 Vac 50/60 Hz With LSI Trip Functions (Micrologic 5.0)						
600	PTRG36060G()CU33A■		PTRJ36060G()CU33A■		PTRL36060G()CU33A■	
800	PTRG36080G()CU33A		PTRJ36080G()CU33A		PTRL36080G()CU33A	
1000	PTRG36100G()CU33A		PTRJ36100G()CU33A		PTRL36100G()CU33A	
1200	PTRG36120G()CU33A		PTRJ36120G()CU33A		PTRL36120G()CU33A	
Micrologic Ammeter Trip Unit ▲◆						
3Ø3W + G, 600 Vac 50/60 Hz With LI Trip Functions (Micrologic 3.0A)						
600	PTRG36060G()CU41A■		PTRJ36060G()CU41A■		PTRL36060G()CU41A■	
800	PTRG36080G()CU41A		PTRJ36080G()CU41A		PTRL36080G()CU41A	
1000	PTRG36100G()CU41A		PTRJ36100G()CU41A		PTRL36100G()CU41A	
1200	PTRG36120G()CU41A		PTRJ36120G()CU41A		PTRL36120G()CU41A	
3Ø3W + G, 600 Vac 50/60 Hz With LSI Trip Functions (Micrologic 5.0A)						
600	PTRG36060G()CU43A■		PTRJ36060G()CU43A■		PTRL36060G()CU43A■	
800	PTRG36080G()CU43A		PTRJ36080G()CU43A		PTRL36080G()CU43A	
1000	PTRG36100G()CU43A		PTRJ36100G()CU43A		PTRL36100G()CU43A	
1200	PTRG36120G()CU43A		PTRJ36120G()CU43A		PTRL36120G()CU43A	
3Ø3W + G, 600 Vac 50/60 Hz With LSIG Trip Functions (Micrologic 6.0A)						
600	PTRG36060G()CU44A■		PTRJ36060G()CU44A■		PTRL36060G()CU44A■	
800	PTRG36080G()CU44A		PTRJ36080G()CU44A		PTRL36080G()CU44A	
1000	PTRG36100G()CU44A		PTRJ36100G()CU44A		PTRL36100G()CU44A	
1200	PTRG36120G()CU44A		PTRJ36120G()CU44A		PTRL36120G()CU44A	

R-frame -- 100% Rated -- 3Ø4W

Circuit Breaker Type - Micrologic 100% Trip Unit ▲◆

Trip Rating Amps	G Interrupting		J Interrupting		L Interrupting	
	Catalogue Number	Price	Catalogue Number	Price	Catalogue Number	Price
3Ø4W + G, 600 Vac 50/60 Hz With LI Trip Functions (Micrologic 3.0)						
600	PTRG36060GN()CU31A■		PTRJ36060GN()CU31A■		PTRL36060GN()CU31A■	
800	PTRG36080GN()CU31A		PTRJ36080GN()CU31A		PTRL36080GN()CU31A	
1000	PTRG36100GN()CU31A		PTRJ36100GN()CU31A		PTRL36100GN()CU31A	
1200	PTRG36120GN()CU31A		PTRJ36120GN()CU31A		PTRL36120GN()CU31A	
3Ø4W + G, 600 Vac 50/60 Hz With LSI Trip Functions (Micrologic 5.0)						
600	PTRG36060GN()CU33A■		PTRJ36060GN()CU33A■		PTRL36060GN()CU33A■	
800	PTRG36080GN()CU33A		PTRJ36080GN()CU33A		PTRL36080GN()CU33A	
1000	PTRG36100GN()CU33A		PTRJ36100GN()CU33A		PTRL36100GN()CU33A	
1200	PTRG36120GN()CU33A		PTRJ36120GN()CU33A		PTRL36120GN()CU33A	
Micrologic Ammeter Trip Unit ▲◆						
3Ø4W + G, 600 Vac 50/60 Hz With LI Trip Functions (Micrologic 3.0A)						
600	PTRG36060GN()CU41A■		PTRJ36060GN()CU41A■		PTRL36060GN()CU41A■	
800	PTRG36080GN()CU41A		PTRJ36080GN()CU41A		PTRL36080GN()CU41A	
1000	PTRG36100GN()CU41A		PTRJ36100GN()CU41A		PTRL36100GN()CU41A	
1200	PTRG36120GN()CU41A		PTRJ36120GN()CU41A		PTRL36120GN()CU41A	
3Ø4W + G, 600 Vac 50/60 Hz With LSI Trip Functions (Micrologic 5.0A)						
600	PTRG36060GN()CU43A■		PTRJ36060GN()CU43A■		PTRL36060GN()CU43A■	
800	PTRG36080GN()CU43A		PTRJ36080GN()CU43A		PTRL36080GN()CU43A	
1000	PTRG36100GN()CU43A		PTRJ36100GN()CU43A		PTRL36100GN()CU43A	
1200	PTRG36120GN()CU43A		PTRJ36120GN()CU43A		PTRL36120GN()CU43A	
3Ø4W + G, 600 Vac 50/60 Hz With LSIG Trip Functions (Micrologic 6.0A)						
600	PTRG36060GN()CU44A■		PTRJ36060GN()CU44A■		PTRL36060GN()CU44A■	
800	PTRG36080GN()CU44A		PTRJ36080GN()CU44A		PTRL36080GN()CU44A	
1000	PTRG36100GN()CU44A		PTRJ36100GN()CU44A		PTRL36100GN()CU44A	
1200	PTRG36120GN()CU44A		PTRJ36120GN()CU44A		PTRL36120GN()CU44A	

▲ 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 catalogue number with the applicable suffix letter. See chart on page DE3-34 for rating plug catalogue suffix letters.

■ Special device. Contact your local Schneider Electric Field Office for ordering information.

◆ All these devices use bolt-on connection. It may be used only on 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:

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

2. The 600 A is available as a special device. Contact your local Schneider Electric field office for ordering information.

Interrupting Ratings

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

Plug-in Units

Speciality Types

Circuit Breaker Type—High Interrupting and Current Limiting

Breaker Frame	Trip Rating Amps	Type of Connection	High Interrupting Capacity				Breaker Frame	Trip Rating Amps	Type of Connection	Current Limiting			
			600 Vac 3-Pole + G		277/480 Vac (600 Vac Max.) 3Ø4W + G					480 Vac 3-Pole + G		277/480 Vac 3Ø4W + G	
			Catalogue No.	Price	Catalogue No.	Price				Catalogue No.	Price	Catalogue No.	Price
FH	15	Plug-in	PFH36015G		PFH36015GN		FI	Plug-in	...		PF134020GN		
	20		PFH36020G		PFH36020GN				PF134030G		PF134030GN		
	30		PFH36030G		PFH36030GN				PF134040G		PF134040GN		
	40		PFH36040G		PFH36040GN				PF134050G		PF134050GN		
	50		PFH36050G		PFH36050GN				PF134060G		PF134060GN		
	60		PFH36060G		PFH36060GN				PF134070G		PF134070GN		
	70		PFH36070G		PFH36070GN				PF134090G		PF134090GN		
	90		PFH36090G		PFH36090GN				PF134100G		PF134100GN		
	100		PFH36100G		PFH36100GN								
	LH, MH		300	Plug-in	PBLH36300G				PBLH36300GN		KI	Plug-in	PKI34125G		PKI34125GN
350		PBLH36350G			PBLH36350GN		PKI34150G		PKI34150GN				
400		PBLH36400G			PBLH36400GN		PKI34175G		PKI34175GN				
500		PTMH36500G()▲■			PTMH36500GN()▲■		PKI34200G		PKI34200GN				
600		PTMH36600G()▲■			PTMH36600GN()▲■		PKI34225G		PKI34225GN				
MH	700	Bolt-On	PTMH36700G()▲		PTMH36700GN()▲		LI	Plug-in	PBLI34300G		PBLI34300GN		
	800		PTMH36800G()▲		PTMH36800GN()▲				PBLI34350G		PBLI34350GN		
	900		PTMH36900G()▲		PTMH36900GN()▲				PBLI34400G		PBLI34400GN		
	1000		PTMH36100G()▲		PTMH36100GN()▲				PBLI34500G		PBLI34500GN		
MA	700	Bolt-On	PTMA36700GCL()▲◆		PTMA36700GNCL()▲◆		MA	Bolt-On	PTMA36700GCL()▲◆		PTMA36700GNCL()▲◆		
	800		PTMA36800GCL()▲◆		PTMA36800GNCL()▲◆				PTMA36800GCL()▲◆		PTMA36800GNCL()▲◆		
	900		PTMA36900GCL()▲◆		PTMA36900GNCL()▲◆				PTMA36900GCL()▲◆		PTMA36900GNCL()▲◆		
	1000		PTMA36100GCL()▲◆		PTMA36100GNCL()▲◆				PTMA36100GCL()▲◆		PTMA36100GNCL()▲◆		

▲ This device uses bolt-on connection. It may be used only on 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: cannot be used on 600 A busway. Use devices with the prefix "PBMH-"
 ◆ Includes Square D standard circuit breaker plus set of three coordinated current limiting fuses.

Circuit Breaker Type—Extra High Capacity

Circuit-Breaker Frame	Trip Rating Amps	Type of Connection	Extra High Capacity			
			480 Vac 3-Pole + G		277/480 Vac 3Ø4W + G	
			Catalogue Number	Price	Catalogue Number	Price
LC	300	Plug-In	PBLC34300G		PBLC34300GN	
	350		PBLC34350G		PBLC34350GN	
	400		PBLC34400G		PBLC34400GN	
	500		PBLC34500G		PBLC34500GN	
	600		PBLC34600G		PBLC34600GN	

Circuit Breaker Type—Solid State Trip★

MX	500	Bolt-On	PTMX36500G()▼		PTMX36500GN()▼	
	600		PTMX36600G()▼		PTMX36600GN()▼	
PX	700	Bolt-On	PTMX36700G()▼		PTMX36700GN()▼	
	800		PTMX36800G()▼		PTMX36800GN()▼	
PX	1000	Bolt-On	PTPX36100G()▼		PTPX36100GN()▼	
	1600		PTPX36160G()▼		PTPX36160GN()▼	

★ Solid state trip circuit breakers are supplied with -LSI (long time, short time, instantaneous pickup) adjustable trip unit functions unless otherwise required.
 ▼ This device uses bolt-on connection. It may be used only on 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.

TVSS Plug-In Units

All Busway TVSS 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—160,000 Amperes Per Phase

System Voltage	Catalogue Number	Price
208Y/120 Vac, 3Ø4W/Grd.	PIU2IMA16	
240Y/120 Vac, 3Ø4W/Grd.	PIU3IMA16	
480Y/277 Vac, 3Ø4W/Grd.	PIU4IMA16	
600Y/347 Vac, 3Ø4W/Grd.	PIU8IMA16	

Surge Capacity—240,000 Amperes Per Phase

System Voltage	Catalogue Number	Price
208 Y/120 Vac, 3Ø4W/Grd.	PIU2IMA24	
240 Y/120 Vac, 3Ø4W/Grd.	PIU3IMA24	
480 Y/277 Vac, 3Ø4W/Grd.	PIU4IMA24	
600Y/347 Vac, 3Ø4W/Grd.	PIU8IMA24	

Options

Description	When Required Add Suffix to Catalogue Number	Price
Surge Counter	C	
Dry Contacts	...	Std.
Remote Monitor with Dry Contacts	M	
Surge Counter and Remote Monitor with Dry Contacts	CM	

Special Purpose Plug-In Units For I-LINE™ Busway

Combination Starter/Contactor – Line Voltage – Single Speed – Non-Reversing ▲

NEMA Size	Ampere Rating	Fusible Switch (3-Pole) + G		Rating Amperes Trip	Circuit Breaker (3-Pole) + G		Add for Control Transformer
		Starter ■	Contactor		Starter ■	Contactor	
1	30			15-20			
0	30		...	...		...
1	60	...		15-20		...	
2	60		...	...		...
2	100	...		35-80		...	

▲ Order this device by description. Special control features also available. Consult your nearest Square D/Schneider Electric sales office.
 ■ Does not include overload relay thermal units.

Combination Fusible Switch (3Ø4W) and Lighting Contactor ♦

Ampere Rating ★	Electrically Held – 240 V	Mechanically Held – 480 V
	Price	Price
30		
60		
100		

♦ Order this device by description.
 ★ Lighting contactors do not include holding circuit interlock.

Ground Indicator and Neutralizer Plugs

240 Vac – 3-Pole		600 Vac – 3-Pole	
Catalogue Number	Price	Catalogue Number	Price
PGD3200G		PGD3600G	

1Ø Transformer Units (Order plug-in units separately)

1Ø kVA	Primary Voltage			
	240 Vac		480 Vac	
	Catalogue Number	Price	Catalogue Number	Price
1	PT2200		PT2400	
1.5	PT2201		PT2401	
2	PT2202		PT2402	
3	PT2203		PT2403	
5	PT2205		PT2405	
7.5	PT2207		PT2407	
10	PT2210		PT2410	

Note: Transformer units do not plug into busway and must be used with plug-in switch, circuit breaker or cable tap box. Standard secondary voltage terminals are provided for 120 V or 240 V 1Ø2W, or 120/240, 1Ø3W connection. Specify secondary voltage if other than standard.

3Ø Capacitor Units (Order plug-in units separately)

3Ø kVAR	240 Vac		480 Vac	
	Catalogue Number	Price	Catalogue Number	Price
2.5	.....		PC3402	
5	PC3205		PC3405	
7.5	PC3207		PC3407	
10	PC3210		PC3410	
15	PC3215		PC3415	
20	.....		PC3420	
25	.....		PC3425	
30	.....		PC3430	

Note: Capacitor units do not plug into busway and must be used with plug-in switch or circuit breaker.

Hooksticks

Length	Catalogue No.	Price	Length	Catalogue No.	Price
8'	51568		14'	515614	

APD and SD Busway Plug-In Units (Not I-LINE™ Busway)

Circuit Breaker Plug-In Units

Breaker Frame	Trip Rating Amps	600 Vac 3Ø4W for use on both 3-Pole and 3Ø4W Busway		Breaker Frame	Trip Rating Amps	600 Vac 3Ø4W for use on both 3-Pole and 3Ø4W Busway	
		Catalogue Number	Price			Catalogue Number	Price
FA	15	SD75415		KA	125	SD78417	
	20	SD75420			150	SD78418	
	30	SD75430			175	SD78419	
	40	SD75440			200	SD78426	
	50	SD75450			225	SD78427	
	60	SD75460		LA	250	SD67428	
	70	SD75470			300	SD67436	
	100	SD75416			350	SD67438	
				400	SD67446		

100 A Busway Plug-In Units

Circuit Breaker Enclosures and Accessories

Enclosure Only (Price Circuit Breaker Separately)	1Ø3W & 3Ø4W ▼		Ground Kit		Floor Operator Attachment	
	Catalogue No.	Price	Catalogue No.	Price	Catalogue No.	Price
QO Breaker-70 A Enclosure	PINQO		PGKQO2		P11QO	
QO Breaker/Recept.-70 A Enclosure△	PINQOR		PGKQOR		P11QO	
FA Breaker-15-100 A Enclosure	PIN100FA		PGKFA2		P11FA	

▼ With PIN-QO, use breakers QO215H, QO220H and QO230H. For higher ratings, use FA enclosures and breakers.
 △ Enclosure with space for three QO circuit breaker poles and provisions for three duplex receptacles.

Power Zone Busway, Non-Segregated Bus

Class 6090

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 silver-plated. 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)▲
- 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

POWER-ZONE bus is custom designed, manufactured and tested per ANSI C37.23 standards to meet customer specifications. It is a completely coordinated package of equipment with all the auxiliary material and supports for connecting transformers, switchgear, MCC's 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).

Busing 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 60kA 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.

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 used 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.

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 3P - 3W conductor (3P-4W 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.

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. Bus Duct 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.

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.

▲ For additional ratings, contact Schneider sales office.

Power Zone Busway

Footing and Fittings Availability

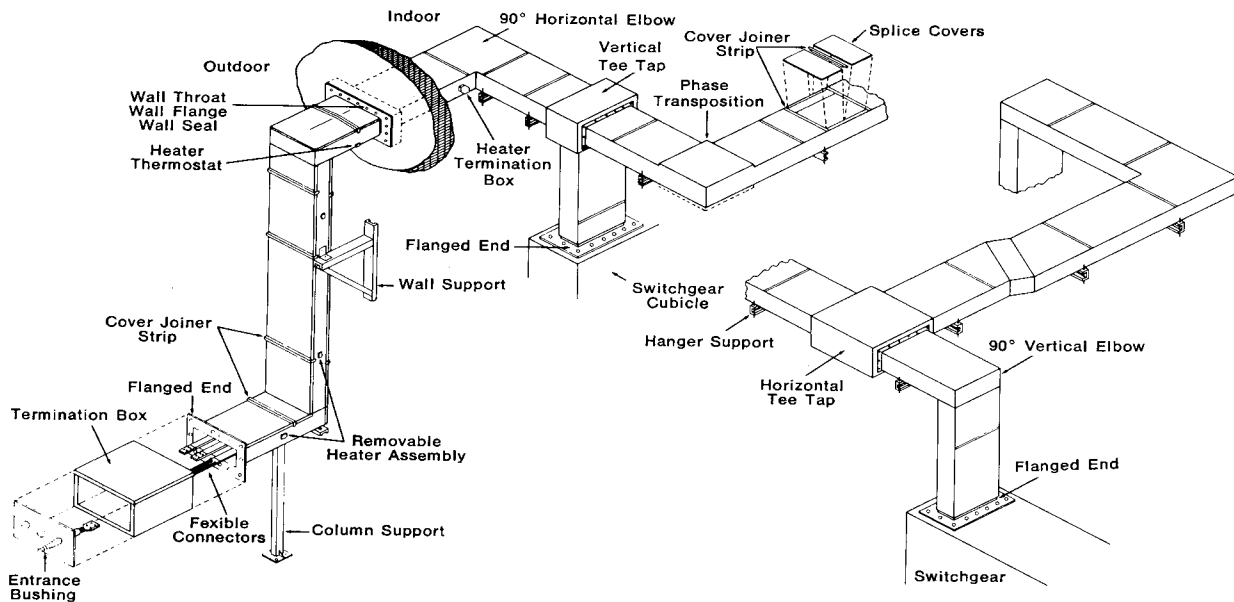
General Instructions — Prepare a layout sketch (if applicable) of the run(s) showing all dimensions in feet and inches, all wall and floor locations and thicknesses and all fittings such as elbows, tees, flanged ends, cable tap boxes, expansion fittings, transformer connections, etc. Add all dimensions 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. Each bus run should have its own thermostat. The heaters are rated 240V, 500 watts and operate at 120V, 125 watts.

600 Volt			5 kV (see note 2 below)	15 kV (see note 2 below)	
Conductor Material	System	Current Rtg.			
Aluminum	3 phase 3 wire	1200A	✓	✓	✓
		1600A	✓	✓	✓
		2000A	✓	✓	✓
		2500A	N/A	✓	✓
		3000A	✓	✓	✓
		4000A	✓	✓	✓
	3 phase 4 wire 100% Neutral	1200A	✓	N/A	N/A
		1600A	✓	N/A	N/A
		2000A	✓	N/A	N/A
		2500A	✓	N/A	N/A
		3000A	✓	N/A	N/A
		4000A	✓	N/A	N/A
Copper	3 phase 3 wire	1200A	✓	N/A	N/A
		1600A	✓	N/A	N/A
		2000A	✓	N/A	N/A
		2500A	✓	N/A	N/A
		3000A	✓	N/A	N/A
		4000A	✓	N/A	N/A
	3 phase 4 wire 100% Neutral	1200A	✓	✓	✓
		1600A	✓	✓	✓
		2000A	✓	✓	✓
		2500A	✓	✓	✓
		3000A	✓	✓	✓
		4000A	✓	✓	✓

- NOTES: 1. Hangers, supports and heaters are not included
 2. For 3P, 4W (half neutral) and 3P, 4W (full neutral) different price adders will apply.

TYPICAL LAYOUT



Power Zone Busway, Non-Segregated Bus

Class 6090

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.

Description	Price Each
Thermostat	
120 V, 125W space heater (240 V, 500W 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).

Support Description	Maximum Height	Price Each
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	Amperage	Price Per Foot Multiplier
600 V	75 KA	
	100 KA	
	150 KA	
5 kV	60 KA	
	80 KA	
	100 KA	
15 kV	60 KA	
	80 KA	
	100 KA	
	150 KA	

Ground Bus ■

Bar Size & Location Copper or Aluminum	Per Foot Price Adder
External 1/4" x 2"	
Internal 1/4" x 2"	
External 1/4" x 4"	
Internal 1/4" x 4"	

■ In addition to 100% rated housing ground path.

Bus Enclosures

Material & Finish	Per Foot Price Adder
Painted Aluminum (1/8" Nominal)	Standard
Painted 14 Gauge Steel	
Painted 11 Gauge Steel	
Unpainted 14 Gauge 304 Stainless Steel	
Unpainted 14 Gauge 316 Stainless Steel	

Miscellaneous Terminating Accessories

Miscellaneous terminating accessory prices should be added only if not already included in the price of the termination.

Bushing Stud Connectors (Lug Pads) ♦

Amperage	Price Each
1200 A	
1600 A	
2000 A	
2500 A	
3000 A	
4000 A	

♦ If not included on terminating equipment.

Flexible Connectors

Voltage Class	Price Per Three Phase Connection ★					
	1200 A	1600 A	2000 A	2500 A	3000 A	4000 A
600 V						
5 kV						
15 kV						

Terminal Boxes

Box Size	11 Gauge Steel	316" Aluminum
3' x 2' x 3'		
3' x 3' x 4'		
4' x 3' x 4'		
4' x 4' x 5'		
5' x 4' x 5'		
5' x 5' x 5'		

Miscellaneous Additions

Description	Price
PVC insulating boots: (optional)★	
Splice (joint) (3Ø3W)	
Termination (3Ø3W)	
Wall Flange: (optional) (in addition to wall entrance seal)	
Aluminum	
14 Gauge Steel	
14 Gauge 304 Stainless Steel	
14 Gauge 316 Stainless Steel	
Optional Conductor Support	
High Alumina Porcelain	
Station Porcelain Post	
Flexible Housing (Misalignment) Collar (optional)	

★For 3Ø4W (100%) connection and 3Ø4W (50%) connections different price adders will apply.



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

Standards

NEMA Type 1 SQUARE-Duct® wireway is UL and CSA Listed.

Sizes

2½", 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.

(Connectors not supplied; order separately▲)

Component	2½" x 2½"			4" x 4"			6" x 6"			8" x 8"			10" x 10"			12" x 12" ▼		
	Catalogue Number		Price	Catalogue Number		Price	Catalogue Number		Price	Cat. No.		Price	Cat. No.		Price	Cat. No.		Price
	With Knockouts	Without Knockouts		With Knockouts	Without Knockouts		With Knockouts	Without Knockouts		Without Knockouts	Without Knockouts		Without Knockouts	Without Knockouts		Without Knockouts	Without Knockouts	
Painted Hinge-Cover																		
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			
	...	...		...	...		...	...		...		...		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 same

◆ Adapters to competitors' wireways also available. Contact your nearest Schneider Electric sales office for price & availability

▼ 12" x 12" wireway available in screw-cover only

Wireway—SQUARE-Duct®

Oiltight—NEMA Type 12



Standards: SQUARE-Duct® Type 12 Oiltight Wireway is UL and CSA Listed

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"	
	Catalogue No.	Price	Catalogue No.	Price	Catalogue No.	Price	Catalogue No.	Price	Catalogue No.	Price
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—FeedThru	LJB2FF		LJB4FF		LJB6FF		LJB8FF		...	
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		...		...

■ Connector kit furnished with each length and fitting.

Raintight Wireway—NEMA Type 3R

Outdoor raintight gangable 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 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.

Description-numbers>a	4" x 4"		6" x 6"		8" x 8"	
	Catalogue Number	Price	Catalogue Number	Price	Catalogue Number	Price
1' Length Female	LDRB41F		LDRB61F		LDRB81F	
1' Length Male	LDRB41M		LDRB61M		LDRB81M	
5' Length Female	LDRB45F		LDRB65F		LDRB85F	
5' Length Male	LDRB45M		LDRB65M		LDRB85M	
10' Length Female	LDRB410F		LDRB610F		LDRB810F	
10' Length Male	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	

▲ For a continuous, straight run of wireway, alternate male and female straight sections.

■ Connector furnished with straight sections. Order quantity as required for 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 inch wireway is constructed of 16 gauge galvanized steel. 8, 10 and 12 inch 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*).

Length	4" x 4"		6" x 6"		8" x 8"		10" x 10"		12" x 12"	
	Cat. No.	Price	Cat. No.	Price	Cat. No.	Price	Cat. No.	Price	Cat. No.	Price
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	

Class 5250—Wall Duct

For Enclosure of Wiring to X-Ray Machines, also available in aluminum for MRI application.

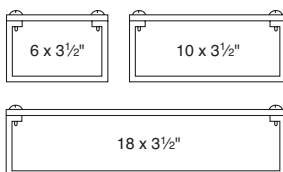
Wall duct is used as the continuation for standard trench duct in the floor. Wall duct can be routed up the wall and across the ceiling or under the finished floor (in ceiling space below) to provide a continuous lay-in raceway system from control consoles and floor equipment to overhead apparatus. Devices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



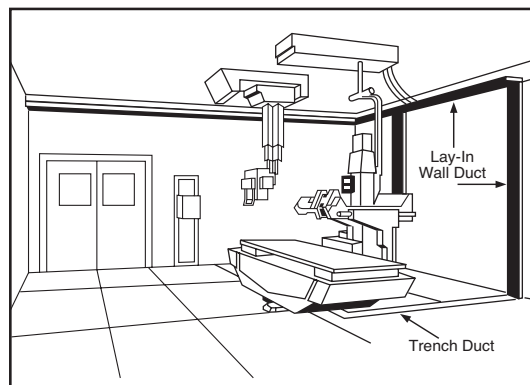
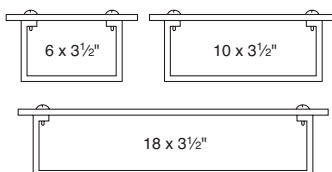
General Notes:

1. Standard construction is 14 gauge steel with ANSI 49 gray electrodeposition paint. Alternate construction is painted aluminum.
2. Covers and coupling devices are furnished with each device.
3. Wire retainers are furnished with each device.
4. Straight lengths are field cut to length.
5. Partitions and tunnels are to be field modified and installed where required.
6. Hangers or other mounting devices to be furnished by others.

**With SURFACE Covers
(Matching Width)**

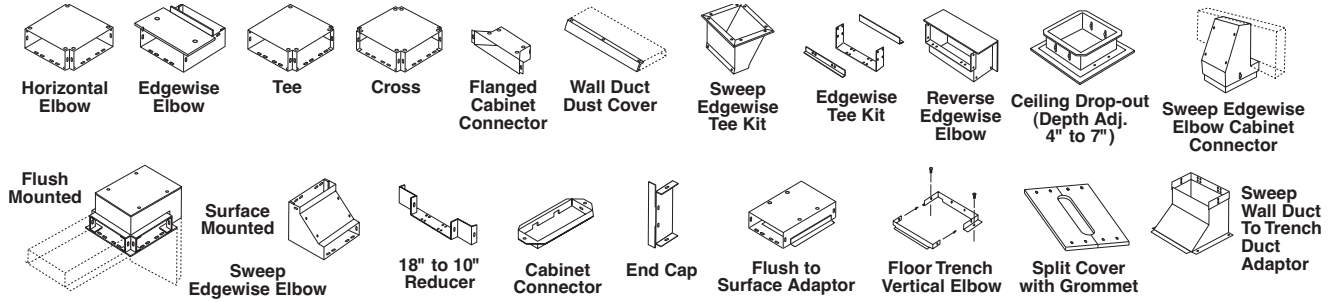


**With FLUSH Covers
(2" Oversize)**



Wall Duct

Class 5250



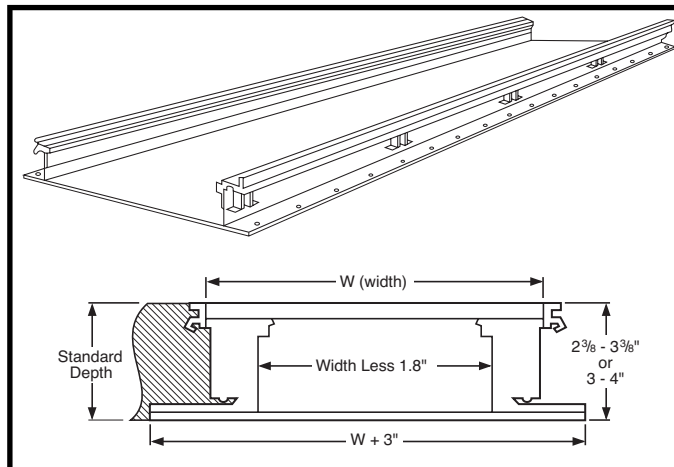
Lay-in Wall Duct Components

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

Lay-in Wall Duct Accessories

Accessories	Catalogue Number	Price	Weight Lbs.	Accessories	Catalogue Number	Price	Weight Lbs.
5'-0" Partition	RWTP60		5.4	Reducer Coupling—	18" to 10" 10" to 6"	RWTRC RWT06RC	2.1 1.6
Straight through tunnel for tees ▲	10"W	RWT10ST	2.9	Cabinet Connector	6"W	RWT06CC	1.0
	18"W	RWT18ST	3.8		10"W	RWT10CC	1.3
90° Elbow tunnel for crosses ▲	10"W	RWT10ET	3.2		18"W	RWT18CC	2.4
	18"W	RWT18ET	5.1	End Cap	6"W	RWT06EC	1.0
3 compartment tunnel for tees	10"W	RWT10PTE	5.0		10"W	RWT10EC	1.3
	18"W	RWT18PTE	6.0		18"W	RWT18EC	1.8
3 compartment tunnel for crosses	10"W	RWT10PXE	8.0	Vertical Elbows for:	6" Trench to 6" Wall Duct 12" Trench to 10" Wall Duct 12" Trench to 18" Wall Duct	RWT06FTVE06	
	18"W	RWT18PXE	9.0			RWT10FTVE12	1.1
Edgewise Tee Kit	10"W	RWT10ETK	1.3			RWT18FTVE18	1.2
	18"W	RWT18ETK	2.1	18" Trench to 10" Wall Duct 18" Trench to 18" Wall Duct	RWT10FTVE18	1.2	
Sweep Edgewise Tee Kit	10"W	RWT10SWET	8.0		RWT18FTVE18	1.3	
	18"W	RWT18SWET	8.0	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	10.0
Flush to Surface Adaptor	10"W	RWT10FS	11.9			RWT18SWFTVE18	14.0
	18"W	RWT18FS	16.4			Split Cover with Grommet. 12" long—3"x 8" Opening Flush	6"W	RWT06ACP	2.6
Ceiling Drop-Out 12x12 Flush Cover	8"x8"	RWTCDO	15.0	10"W	RWT10ACP		3.1
	Extra Coupling Device	10"W	RWT10COUP	.4	18"W		RWT18ACP	4.8
18"W		RWT18COUP	.5	Surface	6"W	RWT06ACPS	2.0
					10"W	RWT10ACPS	2.7
18"W		RWT18ACPS	4.0	Dust Cover—5 ft. Long	RWTDCCOV60	5.5	
Extra Straight Cover—30" long (Order 2 pcs. for 5 ft. of duct.) Flush	10"W	RWT10SCOV	7.2		Grommet—100 ft roll	RWTBG100	
	18"W	RWT18SCOV	13.0				
Surface	10"W	RWT10SCOV	6.1				
	18"W	RWT18SCOV	11.8				

▲ Tunnels form a 3" wide compartment.
All devices available in aluminum. Prices are double; add "A" to end of catalogue number.

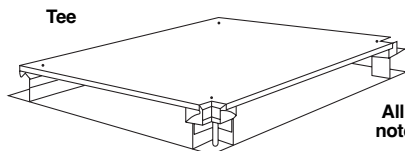


- Notes:**
- STANDARD LENGTH of trench duct is 10 ft. Gasketed cover plates are ordered and shipped separately.
 - FEATURES of trench duct:
 - Trench duct width is cover plate width.
 - Tub width is trench duct width less 1.8".
 - Overall width (bottom flange to flange) is 3" wider than trench duct width.
 - 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.
 - PRICES for Additions and Special Features:
 - For each foot of adjustable partition add **\$32.00** per foot of partition.
 - For each 1" of depth beyond range of 3" to 4" add **\$16.00** per foot of trench duct.
 - For double tile trim on two sides of cover plate **ONLY** add **\$60.00** per foot of trench duct.
 - For double tile trim on all four sides of cover plate add **\$200.00** per foot of trench duct.
 - For support post add **\$32.00** per foot of trench duct for each row of posts required.
 - Underfloor duct connection into bottom, add **\$150.00** per connection.
 - Underfloor duct connection into side with trench tunnels, add **\$300.00** per connection.

Assembled Trench Duct Note: 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				Covers Only (5 Plates per 10' Length) ▲				Complete Device	
	Length	Width	Catalogue Number	Price	Width	Length	Catalogue Number	Price	Per 10' Length	Per Foot
Full Length	10'-0"	6"	RSV062100120		6"	24"	RCP0624	
		9"	RSV092100120		9"		RCP0924			
		12"	RSV122100120		12"		RCP1224			
		18"	RSV182100120		18"		RCP1824			
		24"	RSV242100120		24"		RCP2424			
		30"	RSV302100120		30"		RCP3024			
				36"	RSV362100120		36"	RCP3624		
				12"						
				18"			RCP1212			
							RCP1812			
Factory Cut-to-Length (12" Wide Only)	6'-0" L	12"	RSV122100072		3–24" Long Covers ■				} All ordered separately	
	4'-3 1/2" L	12"	RSV122100051.5		2–24" Long Covers & 1 – Wall Duct Vertical Elbow ■					
	3'-3 1/2" L	12"	RSV122100039.5		1–24" & 1–12" Long Cover & 1 – Wall Duct Vertical Elbow ■					
	2'-0" L	12"	RSV122100024		1–24" Long Cover ■					
	1'-0" L	12"	RSV122100012		1–12" Long Cover ■					
	0'-3 1/2" L	12"	RSV122100003.5		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.



Item	Complete Device		
	Width	Catalogue Number	Price
90° Horizontal ♦	6"	RHV062100009	
	9"	RHV092100012	
	12"	RHV122100015	
	18"	RHV182100021	
	24"	RHV242100027	
	30"	RHV302100033	
45° Horizontal Elbow ♦	12"	RHV12245	
Tees ♦	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	

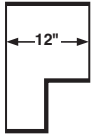
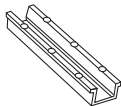
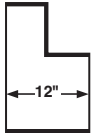
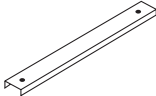
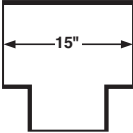

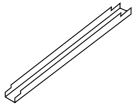
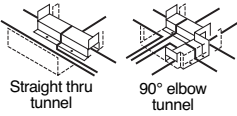
- ♦ Includes cover; shipped attached.
- ★ For 3" to 4" trench duct, add a 3 to end of catalogue number.
- Note: All devices thru 18" width are available in aluminum. Height is factory-set to customer specifications from 2 1/2 to 4 inches. (Non-Adjustable)

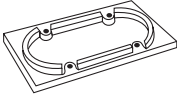
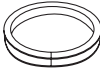
Item	Width	Catalogue No.	Price
End Closures ★	6"	REC06	
	9"	REC09	
	12"	REC12	
	18"	REC18	
	24"	REC24	
	30"	REC30	
Vertical Elbows	6"	RVE06	
	9"	RVE09	
	12"	RVE12	
	18"	RVE18	
	24"	RVE24	
	30"	RVE30	
Riser and Cabinet Connector (Removable Front)	6"	RRC06	
	9"	RRC09	
	12"	RRC12	
	18"	RRC18	
	24"	RRC24	
	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	

Trench Duct

Class 5230

Trench Duct Accessories

Item/Catalogue Number		Price	Item/Catalogue Number		Price
	Right Hand Reducer 18" to 12" Cover Included	RRV182100012RR		U-Compartment 5'-0" Long x 3 1/2" Wide with Adjustable Height Sides	RUC60
	Left Hand Reducer 18" to 12" Cover Included	RRV182100012LR		Support Channel Leveling Legs Not Included	9" and 12" wide trench G1500T12 18" and 24" wide trench G1500T24 30" and 36" wide trench G1500T36
	Reducing Tee 18" to 12" Cover Included	RTV182100017		Cover Lifter (Suction Cup Device)	G1735S
	Spacer Bar and Barrier Adjustment Gage	6" RSB06 9" RSB09 12" RSB12 18" RSB18 24" RSB24 30" RSB30 36" RSB36		Tunnels for Trench Duct Elbows (Tee or Cross)	90° tunnel for 12" trench RSV122ET 90° tunnel for 18" trench RSV182ET Straight tunnel for 12" trench RSV122ST Straight tunnel for 18" trench RSV182ST
				Leveling Legs	5/16 x 18 x 3" G19103 5/16 x 18 x 4" G19104 5/16 x 18 x 6" G19106 5/16 x 18 x 8" G19108

Grommets (Metal)	Description	Catalogue Number	Price Each	Grommets (Plastic)	Description	Catalogue Number	Price Each
	2 1/2" Dia. Grommet 3" Dia. Grommet 4" Dia. Grommet 3" x 6" Grommet	G149225 G14923 G14924 G149236			2 1/2" Dia. Grommet 3" Dia. Grommet 4" Dia. Grommet 3" x 6" Grommet 3" x 7" Grommet	G147225P G14723P G14724P G147236P G147237P	
G149236				G14723P			
				Grommeting Material (50 ft. rolls)		RG50	