

Pow-R-Line C Group-Mounted Distribution Switchboard with Integrated Facilities Switchboard (IFS)



- 15.1 Group-Mounted Switchboards**
 - Pow-R-Line C™ Distribution Switchboards
 - Product Description 2
 - Application Description 2
 - Features, Benefits and Functions 2
 - Standards and Certifications 2
 - Product Selection 2
 - Commercial Metering Switchboards
 - Product Description 3
 - Application Description 3
 - Features, Benefits and Functions 4
 - Standards and Certifications 5
 - Product Selection 5
 - Technical Data and Specifications 5
- 15.2 Integrated Facility Switchboards™**
 - Product Description 6
 - Application Description 6
 - Features, Benefits and Functions 7
 - Standards and Certifications 7
 - Product Selection 7
- 15.3 Compartmentalized Switchboards**
 - Product Description 8
 - Application Description 8
 - Features, Benefits and Functions 8
 - Standards and Certifications 9
- 15.4 Instant Service Switchboards**
 - Product Description 10
 - Application Description 10
 - Features, Benefits and Functions 10
 - Standards and Certifications 10
 - Product Selection 11
 - Accessories 13
 - Technical Data and Specifications 14
 - Dimensions 14
- 15.5 Roll-Up Generator Termination Box**
 - Product Description 15
 - Features 15
 - Standards and Certifications 15
 - Technical Data and Specifications 16
 - Dimensions 29



15.1

Switchboards

Group-Mounted Switchboards

Pow-R-Line C Group-Mounted Distribution Switchboard



Contents

Description

	Page
Pow-R-Line C Distribution Switchboards	
Commercial Metering Switchboards	3

Pow-R-Line C Distribution Switchboards

Product Description

Eaton's Pow-R-Line C distribution switchboards combine a space-saving design with modular construction and increased system ratings to provide economical and dependable electrical system distribution and protection.

Application Description

Refer to Eaton's *Consulting Application Guide*.

Features, Benefits and Functions

- 6000A maximum main bus rating
- 600 Vac and below
- 600 Vdc and below
- Front or rear accessible
- Type 1 or Type 3R enclosures
- ANSI-61 gray powder coat paint finish
- Microprocessor-based metering and monitoring devices
- Utility metering provisions
- Surge protective devices (SPD)
- Ground fault protection on mains and distribution devices
- Busway and transformer connections
- Complete protective device accessory capability
- 65 kAIC bus bracing standard; optional 100 or 200 kAIC
- Standard tin-plated aluminum bus; optional copper- or silver-plated copper bus
 - Standard bus ampacities based on UL® heat test ratings. Optional density rated bus systems are also available

Main and Individually Mounted Devices

- Magnum™ SB insulated case circuit breakers, 800–5000A, fixed or drawout
- Magnum DS power circuit breakers, 800–5000A, fixed or drawout
- Molded case circuit breakers, 400–2500A, fixed mounted
- Bolted pressure switches, 800–5000A
- FDPW fusible switches, 400–1200A

Group-Mounted Distribution Devices

- Molded case circuit breakers, 15–1200A
- FDPW fusible switches, 30–1200A

Standards and Certifications

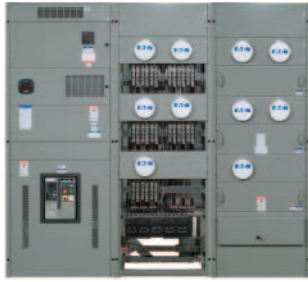
- Meets NEMA® Standard PB-2 and UL 891
- Seismically qualified



Product Selection

For complete application and pricing information, contact your local Eaton sales office.

Commercial Metering Switchboards



WWCMS



WCMS

Contents

Description	Page
Pow-R-Line C Distribution Switchboards	2
Commercial Metering Switchboards	
Features, Benefits and Functions	4
Standards and Certifications	5
Product Selection	5
Technical Data and Specifications	5

Commercial Metering Switchboards

Product Description

Eaton's commercial metering switchboards provide electrical system distribution and metering for shopping centers, office buildings and other commercial multimetering applications.

Using standard Pow-R-Line C construction and features, these switchboards incorporate metering sections with tenant feeder circuits using meter sockets to meet local utility or customer requirements.

All meter sockets and associated feeder devices are completely factory prewired and shipped ready for the installation of the meters.

Application Description

Type WWCMS

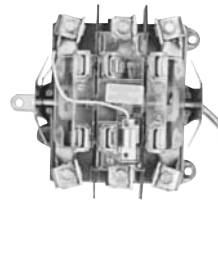
For EUSERC serviced areas. The self-contained meter sockets include a test bypass/disconnect block per EUSERC requirements, and are arranged, typically, for hot sequence metering.

Type WCMS

For other than EUSERC serviced areas. Self-contained meter sockets are provided with manual lever bypass and can be arranged for either hot or cold sequence metering.



Socket and Test Block Assembly



Socket with Manual Lever Bypass

Refer to Eaton's *Consulting Application Guide*.

Features, Benefits and Functions

Pow-R-Line designates a family of distribution switchboards, incorporating design concepts that fit the ever-increasing need for applications on high short-circuit systems, while retaining maximum safety and convenience throughout the line.

Front Accessible

Front-accessible switchboards align at the rear, enabling them to be placed against a wall (Pow-R-Line C front accessible). If the main section is deeper than others, due to physical size of the main device, the necessary off-set in line-up will occur in front, and the main section will be accessible from the side as well as from the front. Standard front accessible switchboards will align at the front and rear.

Rear Accessible

Rear-accessible switchboards align at the front and the rear. Bus maintenance and cable entry and exit require rear access. There are two types of rear accessible switchboards. Both types utilize the same incoming utility and/or main structures. The first type utilizes group-mounted feeder devices with panel construction (Pow-R-Line C rear accessible). The second type utilizes individually compartmentalized feeder devices with load side insulated bus bar extensions (Pow-R-Line *i*).

Standard Switchboard Height

Standard Pow-R-Line switchboard height is 90 inches (2286.0 mm).

Group Mounting

Group-mounted circuit protective devices are an assembly of units mounted on a panelboard type base (panelboard construction). Units may be molded case breakers, or FDPW fusible switches. Circuit protective devices are accessible from the front.

A main molded case breaker or main FDPW fusible switch, within the sizes listed for panelboard design, can be included in the panel-mounted assembly in lieu of a separate, individually mounted unit.

Space Only for Future Devices Group-Mounted Construction

Where space only for future circuit protective devices is required, the proper space and a blank filler plate will be supplied. Connections and mounting hardware are not included.

Provision for Future Devices

Where provisions for future circuit protective devices are required, space for the device, corresponding vertical bus, device connectors and the necessary mounting hardware will be supplied.

Bus Bar System

Standard bus in the switchboards is tin-plated aluminum. Copper and silver-plated copper are also available.

Main bus and sub-main buses meet UL and NEMA standards for temperature rise on all Pow-R-Line switchboards. Special bus densities are available.

Overcurrent Devices

To properly select and size overcurrent devices for use in a switchboard, the allowable temperature rise must be taken into account as to its effect on the tripping characteristics of the devices in question.

Accordingly, Article 220 of the NEC® requires overcurrent devices to be rated not less than 125% of the continuous load they are protecting. To comply with this, an 80% derating factor must be used with all overcurrent devices such as molded case breakers and FDPW fusible switches unless they are tested and marked as 100% rated devices.

Short-Circuit Rating

Standard bus and connectors on all switchboards are rated for use on systems capable of producing up to 65,000A rms symmetrical short-circuit current at the incoming terminals.

Increased bus short-circuit ratings equal to that of connected switchboard devices, up to 200,000A rms symmetrical, are available in most Pow-R-Line switchboards when approved main devices are installed. Contact Eaton for more information. UL labeled switchboard sections are marked with their applicable short-circuit rating.

Provision for Busway Entrance and Exit

Busway connections to switchboard sections include cutout and drilling in the top of the switchboard with riser connections from the switchboard device or bus, up to the point where the bus duct enters the switchboard. No connections are furnished external to the switchboard.

Note: In all transactions involving busway attached to switchboards, it is essential that information regarding orientation of the busway with respect to the front of the switchboard be supplied to the coordinating assembly plant.

On Pow-R-Line switchboards, solid bus bar is used to connect the bus duct to the individually mounted main device, main or sub-main switchboard bus, or vertical main bus of panel mounted circuit protective device panels. Busway fed by group-mounted branch devices are cable connected.

Aluminum riser connections are standard. Copper or silver-plated copper is available as a modification.

Transitions

Transition structures are required for connecting switchboards to the secondary of power center transformer (dry or fluid filled), motor control centers, and for other special switchboard configurations such as "L" or "U" shaped lineups. In some application, an extra structure complete with connections is required; in others, where switchboard depth and space permit, only the connection conductors are required. Refer to factory for these applications.

Standards and Certifications

- UL 891
- NEMA PB-2
- Seismically qualified

**Product Selection**

For complete application and pricing information, contact your local Eaton sales office.

Technical Data and Specifications**Service**

- 120/240V, single-phase, three-wire
- 240/120V, 208Y/120V, 415Y/240V, 480Y/277V or 600Y/347V three-phase, four-wire
- 600 Vdc

Main Bus Rating

- 400–4000A

Service Section

- Main circuit breaker, 400–4000A
- Main fusible switch, 400–4000A
- Main lugs only, 400–6000A

Metering Sections

- Tenant main disconnects and meter sockets (200A maximum self-contained metered circuits)
- Hot sequence metering circuits
- Cold sequence metering circuits (WCMS only)
- Optional rear barriered wireways or load side pull sections for cable exit requirements
- Sections for metered circuits larger than 200A available with 400A continuous rated self-contained sockets or with CT compartment and transformer rated socket in combination with disconnect

Integrated Facility Switchboard



Contents

<i>Description</i>	<i>Page</i>
Integrated Facility Switchboards	
Features, Benefits and Functions	7
Standards and Certifications	7
Product Selection	7



Product Description

Eaton's Integrated Facility Switchboards utilize the modular Pow-R-Line C group-mounted switchboard design to integrate traditionally separate electrical distribution and control equipment into a single space-saving factory assembled and connected package.

The service entrance equipment can be integrated with multiple lighting and appliance branch panelboards into a compact front-accessible group-mounted switchboard. Where multiple panelboards are utilized in the same electrical room as a conventional distribution switchboard or power panelboards, the integrated design will significantly reduce equipment space requirements, as well as, reducing installation time and costs.

Other associated equipment can also be integrated into the assembly, including dry-type distribution transformers, time clock space, lighting control, electronic controls, surge protective devices, metering and energy monitoring devices. Depending upon the application, other user-defined equipment such as a subsystem control package may also be incorporated.

Application Description

Eaton's Integrated Facility Switchboards are designed to meet specific needs for:

- Retail chain stores
- Commercial offices
- High rise buildings
- Correctional facilities
- Agricultural facilities
- Industrial facilities
- Hospitals/health care facilities
- Educational facilities

Whether the application is a multi-site prototype or single application, integrated switchboards offer time and space-saving features.

For complete application description, refer to Eaton's *Consulting Application Guide*.

Features, Benefits and Functions

Front Accessible

Integrated Facility Switchboards are front accessible and align at the rear, enabling them to be placed against a wall. Most switchboards align at the front and the rear. If the main section is deeper than others, due to physical size of the main device, the necessary off-set in line-up will occur in front, and the main section will be accessible from the side as well as from the front.

Standard Switchboard Height

Switchboard height is 90 inches (2286.0 mm).

A limited offering of 78-inch (1981.2 mm) high equipment is available. Consult the factory for specific applications.

Switchboard Shipping Splits

The sections can be shipped as specified by the customer to meet specific requirements.

For retrofit applications, single-piece switchboard structures can be shipped to facilitate movement through limited access doorways, etc.

Factory Interconnections

Most sub-panels are fed from the main distribution panel feeder circuit breakers utilizing copper cable sized per the NEC and UL.

Space Savings

The space-saving switchboard installation provides additional usable floor space. For example:

- Retail stores—floor space for sales
- Offices—additional storage, cubicle
- Health care—additional work area
- Retrofits—ability to fit existing rooms

Site Construction Savings

Timely installation of the electrical system typically is a key element on the critical path for any project.

Along with the time to install the equipment, other expenses include the time to handle all of the loose pieces of equipment arriving on a job site and ensuring it reaches the proper trades person. With Eaton's Integrated Facility Switchboards, one piece of equipment is typically shipped to a job site virtually eliminating these issues.

The equipment may also be used for temporary power on job sites, further reducing construction expenses and times.

Standards and Certifications

- Meets NEMA Standard PB-2 and UL 891
- Panelboards mounted inside the sections meet NEMA PB-1 and UL 67
- Other equipment is UL listed as applicable and appropriate



Product Selection

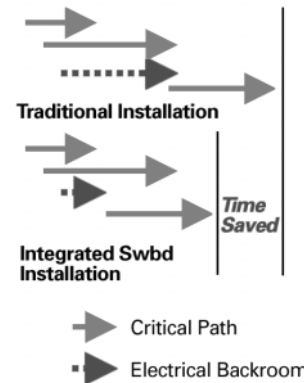
For complete application and pricing information, contact your local Eaton sales office.



Traditionally Mounted Equipment

Construction Savings

Construction Critical Path



Compartmentalized Feeder Sections



Front View—Circuit Breakers



Front View—Fusible Units

Contents

Description

Description	Page
Compartmentalized Switchboards	
Standards and Certifications	9

Product Description

Eaton's Pow-R-Line *i* switchboards are engineered in a new compartmentalized design for applications where a greater degree of safety is required. A wide variety of configurations is possible, including utility metering, customer metering, main devices, branch devices, accessories and enclosures.

Application Description

Refer to Eaton's *Consulting Application Guide*.

Features, Benefits and Functions

Significant safety features include:

- Individual compartments for branch devices—glass polyester for circuit breakers and steel for fusible switches. These compartments help eliminate possible contact with the main bus and reduce fault propagation
- Three-section construction with each section barriered from the other
 - Device section—each device is mounted in its own compartment
 - Bus bar section—contains both horizontal and vertical buses
 - Rear cable compartment—completely isolated from the bus bars
- Insulated copper runback. Power is taken from the protective device by the insulated copper runback through a standard full height glass polyester barrier to the rear cable compartment. This design virtually eliminates the possibility of accidental contact with the main buses during installation or maintenance

Main devices are available from 400–4000A and can include molded case circuit breakers, Magnum SB, Magnum DS circuit breakers, FDPW fusible switches or bolted pressure switches. Main buses are rated up to 6000A.

Branch circuit breakers range from 15–1200A frames. When circuit breakers are used, higher ratings and increased series ratings will be achieved. Branch fusible switches are available from 100–1200A.

Interrupting ratings up to 200,000A are UL listed and the bus bar system may be braced from a standard 65,000A up to a maximum 200,000A.

Integrated Monitoring Protection and Control Communications Systems

The capabilities of distribution and control assemblies can be expanded by tying together multiple devices in electrical distribution systems. From a central location (on-site or off-site), an operator uses a personal computer (master control unit) to monitor, control and communicate with compatible devices on a distribution system. These microprocessor-based devices, designed and built by Eaton, perform monitoring, protection and control functions.

Ground Fault Test Panels

Pow-R-Line *i* switchboards can accommodate either integral or zero sequence types of ground fault protection. Depending on the specific application, a test panel can be mounted in the circuit breaker compartment, which may eliminate the need for an auxiliary structure.

Fusible Switches

Pow-R-Line *i* switchboards have been designed to accommodate fusible switches. Safety is provided by steel compartments that insulate each horizontally mounted switch from the vertical and main buses. As with switchboards utilizing circuit breakers, insulated copper runbacks carry power into the spacious, glass polyester barriered rear cable compartment.

UL Listed Shunt Trip and Fusible Switches

Shunt trip attachments for use with ground fault protection devices can be installed on 400–1200A Type FDPW fusible switches. Both are UL listed when the shunt trip is factory installed.

High Durability Finish

A baked-on polyester powder coating system protects all structural steel parts. It provides excellent mechanical strength and resistance to chalking normally caused by the sun's ultraviolet rays and meets the salt spray requirements of ASTM B-117.

Pow-R-Line *i* Quality Assurance

Final testing helps ensure that each Pow-R-Line *i* switchboard performs in accordance with UL standards and customer specifications. Each assembly is shipped with a "Switchboard Verification Report" that documents completion of every inspection and test.

Provisions for the Future

Future expansion provisions include line side connectors, load side runbacks, terminals, and glass polyester compartments and covers (for circuit breakers). Space only for "both circuit breakers and fusible switches is also available.

Standards and Certifications

Pow-R-Line *i* switchboards are UL 891 listed and meet all applicable requirements of NEMA and NEC. They are rear accessible and front and rear aligned. Both indoor and outdoor enclosures are available.

- Meets NEMA Standard PB-2 and UL 891
- Seismically qualified



15.4

Switchboards

Instant Service Switchboards

Instant Service Switchboards



Type 1 Indoor



Type 3R Outdoor

Product Description

Eaton's Instant® Service Switchboards are designed as stocked units to provide fast delivery to match the needs of the construction market.

Suitable for use as service entrance equipment, they combine utility metering provisions with a fused main switch in a single compact section that can also include a distribution panel for feeder and branch circuit breakers.

Application Description

Typical applications for these versatile switchboards include small office buildings and factories, stores, supermarkets and shopping centers.

Features, Benefits and Functions

These switchboards are available in either indoor or outdoor enclosures manufactured of code-gauge steel with a durable light gray finish. All units are completely enclosed with front, rear and side covers. Outdoor units include a front hinged door.

The service section includes:

- Main lugs mounted at the top (two #4–600 kcmil per phase) for overhead feed or for use with an underground pull section
- A sealable metering and CT compartment with bussing for utility bar type CTs and two 15-inch (381.0 mm) high meter compartment doors—one with provisions for meter socket and test block, one blank (meter socket is ordered separately)
- A 400 or 600A T-Type fused main switch or 400, 600 or 800A main circuit breaker with either load lugs (same as main lugs) or with connections to a factory installed distribution panel

Underground pull sections are available with lug landing kits providing studs for incoming cables per EUSERC standards and

Contents

Description	Page
Instant Service Switchboards	
Product Selection	11
Accessories	13
Technical Data and Specifications	14
Dimensions	14

two #4–600 kcmil lugs per phase for cable connection to the service section.

Distribution panels can be included for 240 Vac maximum (single-phase three-wire or three-phase four-wire), 480Y/277 Vac (three-phase four-wire) or 480 Vac (three-phase three-wire). The 240V panels have provisions for four Type ED 225A frame circuit breakers and 24 poles of Type BAB 100A frame circuit breakers. The 480Y/277V panel has provisions for four Type FD 225A frame circuit breakers and 24 poles of Type GHB 100A frame circuit breakers. The bolt-on type circuit breakers are ordered separately.

For applications that require the load circuit conductors to exit at the top, a loadside wireway compartment is available that bolts to the service section.

Standard switchboards include two 15.00-inch (381.0 mm) high meter compartment doors, one with meter socket provisions and one blank. For other arrangements, accessory units are available. Check utility requirements.

Standards and Certifications

Eaton's Instant Service Switchboards are listed by Underwriters Laboratories and comply with all applicable industry standards.

These switchboards meet EUSERC standards as well as other local utility codes.

Seismic Qualified

Eaton's Instant Service Switchboards are seismically tested, seismically qualified and meet or exceed requirements of the Uniform Building Code® (UBC), the California Building Code (CBC) and the International Building Code (IBC) for all seismic zones.



Product Selection

Main Fused Switch Only

Service	Main Ampere Rating	Type 1—Indoor Catalog Number	Type 3R—Outdoor Catalog Number
240 Vac Maximum			
Single-phase three-wire	400	MSB423	RMSB423
	600	MSB623	RMSB623
Three-phase four-wire	400	MSB424	RMSB424
	600	MSB624	RMSB624
480Y/277 Vac			
Three-phase four-wire	400	MSB444	RMSB444
	600	MSB644	RMSB644

Main Fused Switch with Distribution Panel

Service	Main Ampere Rating	Type 1—Indoor Catalog Number	Type 3R—Outdoor Catalog Number
240 Vac Maximum ^①			
Single-phase three-wire	400	MSBP423	RMSBP423
	600	MSBP623	RMSBP623
Three-phase four-wire	400	MSBP424	RMSBP424
	600	MSBP624	RMSBP624
480Y/277 Vac ^②			
Three-phase four-wire	400	MSBP444	RMSBP444
	600	MSBP644	RMSBP644

Main Breaker Switch Only

Service	Main Ampere Rating	Type 1—Indoor Catalog Number	Type 3R—Outdoor Catalog Number
240 Vac Maximum ^①			
Single-phase three-wire	400	MBB423	RMBB423
	600	MBB623	RMBB623
	800	MBB823	RMBB823
Three-phase four-wire	400	MBB424	RMBB424
	600	MBB624	RMBB624
	800	MBB824	RMBB824
480Y/277 Vac ^②			
Three-phase four-wire	400	MBB444	RMBB444
	600	MBB644	RMBB644
	800	MBB844	RMBB844

Notes

- ① 240V distribution panels have double branch provisions for four Type ED 225A frame circuit breakers and 24 poles of Type BAB 100A frame circuit breakers.
- ② 480Y/277V distribution panels have double branch provisions for four Type FD 225A frame circuit breakers and 24 poles of Type GHB 100A frame circuit breakers.

Circuit breakers for distribution panels are ordered separately.

Main Breaker Only with Distribution Panel

Service	Main Ampere Rating	Type 1—Indoor Catalog Number	Type 3R—Outdoor Catalog Number
240 Vac Maximum			
Single-phase three-wire	400	MBBP423 ①	RMBBP423 ①
	600	MBBP623 ①	RMBBP623 ①
	800	MBBP823 ②	RMBBP823 ②
	800	MBBP823-P ③	RMBBP823-P ③
	800	MBBP823-K ④	RMBBP823-K ④
Three-phase four-wire	400	MBBP424 ①	RMBBP424 ①
	600	MBBP624 ①	RMBBP624 ①
	800	MBBP824 ②	RMBBP824 ②
	800	MBBP824-P ③	RMBBP824-P ③
	800	MBBP824-K ④	RMBBP824-K ④
480Y/277 Vac			
Three-phase four-wire	400	MBBP444 ⑤	RMBBP444 ⑤
	600	MBBP644 ⑤	RMBBP644 ⑤
	800	MBBP844 ②	RMBBP844 ②
	800	MBBP844-K ④	RMBBP844-K ④

Underground Pull Sections—Same Depth as Switchboard with Provisions for Lug Landing Kit

Section Width Inches (mm)	Type 1—Indoor Catalog Number	Type 3R—Outdoor Catalog Number
24.00 (609.6) ⑥	UG24W	RUG24W
30.00 (762.0)	UG30W	RUG30W

NEMA Type 1 pull section can be installed separate from service section. Add side closer plate, catalog number UGCP.

Lug Landing Kits for Underground Pull Sections

Maximum Ampere Rating	Service	Catalog Number
400	Single-phase three-wire	LL4003
	Three-phase four-wire	LL4004
800	Single-phase three-wire	LL8003 ⑦
	Three-phase four-wire	LL8004 ⑦

Load Side Wireway—12 Inches (304.8 mm) Wide Same Depth as Switchboard

Type	Catalog Number
Type 1—Indoor	LSS12W
Type 3R—Outdoor	RLSS12W

Notes

- ① 240V distribution panels have double branch provisions for four Type ED 225A frame circuit breakers and 24 poles of Type BAB 100A frame circuit breakers.
- ② 800A distribution panels have double branch provision for six Type FD 225A frame circuit breakers only.
- ③ Suffix-P: four Type FD 225A frame circuit breakers and 24 poles of Type GHB 100A frame circuit breakers.
- ④ Suffix-K: one Type KD OR HKD 400A frame circuit breakers and four Type FD 225A frame circuit breakers.
- ⑤ 480Y/277V distribution panels have double branch provisions for four Type FD 225A frame circuit breakers and 24 poles of Type GHB 100A frame circuit breakers.
- ⑥ Check utility requirements—most EUSERC utilities require 30-inch (762.0 mm) width.
- ⑦ Mounts in 30-inch (762.0 mm) wide section only.

Circuit breakers for distribution panels are ordered separately.

Accessories

Meter Compartment Doors—(Meter Sockets Not Included)

Height	Width	Drilling	Catalog Number
15.00 (381.0)	32.00 (812.8)	Blank	MD150
		One socket	MD151
30.00 (762.0)	32.00 (812.8)	Blank	MD300
		Two sockets	MD302

Meter Sockets—For Field Installation

Number of Jaws	Catalog Number	Number of Jaws	Catalog Number
4	M4	8	M8
5 ^①	M5	13	M13
6 ^②	M6	15 ^③	M15

Circuit Breakers for Distribution Panels 240 Vac Three-Phase Four-Wire Maximum

Ampere Rating	Single-Pole 120/240 Vac Catalog Number	Two-Pole 120/240 Vac Catalog Number	Two-Pole 240 Vac Catalog Number	Three-Pole 240 Vac Catalog Number
15	BAB1015I	BAB2015I	BAB2015HI	BAB3015HI
20	BAB1020I	BAB2020I	BAB2020HI	BAB3030HI
30	BAB1030I	BAB2030I	BAB2030HI	BAB3030HI
40	BAB1040I	BAB2040I	BAB2040HI	BAB3040HI
50	BAB1050I	BAB2050I	BAB2050HI	BAB3050HI
60	BAB1060I	BAB2060I	BAB2060HI	BAB3060HI
70	—	BAB2070I	BAB2070HI	BAB3070HI
90	—	BAB2090I	BAB2090HI	BAB3090HI
100	—	BAB2100I	BAB2100HI	BAB3100HI
100	—	—	ED2100I	ED3100I
125	—	—	ED2125I	ED3135I
150	—	—	ED2150I	ED3150I
175	—	—	ED2175I	ED3175I
200	—	—	ED2200I	ED3200I
225	—	—	ED2225I	ED2225I
300	—	—	KD2300I	KD3300I
350	—	—	KD2350I	KD3350I
400	—	—	KD2400I	KD3400I

Circuit Breakers for Distribution Panels 480Y/277 Vac (Three-Phase Four-Wire)

Ampere Rating	Single-Pole Catalog Number	Two-Pole Catalog Number	Three-Pole Catalog Number
15	GHB1015I	GHB2015I	GHB3015I
20	GHB1020I	GHB2020I	GHB3030I
30	GHB1030I	GHB2030I	GHB3030I
40	GHB1040I	GHB2040I	GHB3040I
50	GHB1050I	GHB2050I	GHB3050I
60	GHB1060I	GHB2060I	GHB3060I
70	—	GHB2070I	GHB3070I
90	—	GHB2090I	GHB3090I
100	—	GHB2100I	GHB3100I
100	—	FD2100I	FD3100I
125	—	FD2125I	FD3135I
150	—	FD2150I	FD3150I
175	—	FD2175I	FD3175I
200	—	FD2200I	FD3200I
225	—	FD2225I	FD2225I
300	—	HKD2300I	HKD3300I
350	—	HKD2350I	HKD3350I
400	—	HKD2400I	HKD3400I

Special Utility Options—Select for the Following Utilities

Utility Company	Catalog Number
City of Anaheim	ISTAHEIM
City of Burbank	ISTBANK

Special Bus Options

Maximum Ampere Rating	Catalog Number
Density Bus Kit	
400	DBK400
600	DBK600
800	DBK800
Copper Bus Kit	
400	CUK400
600	CUK600
800	CUK800

Notes

- ① 240V distribution panels have double branch provisions for four Type ED 225A frame circuit breakers and 24 poles of Type BAB 100A frame circuit breakers.
- ② 800A distribution panels have double branch provision for six Type FD 225A frame circuit breakers only.
- ③ Suffix-P: four Type FD 225A frame circuit breakers and 24 poles of Type GHB 100A frame circuit breakers.

15.4

Switchboards

Instant Service Switchboards

Technical Data and Specifications

- 120/240 Vac, single-phase three-wire
- 208Y/120V or 240/120 Vac, three-phase four-wire
- 240 Delta/120 Vac, three-phase four-wire
- 480Y/277 Vac, three-phase four-wire
- 480 Vac, three-phase three-wire

Interrupting Ratings (Series Rating)

- 65,000 rms symmetrical amperes at 240 Vac, using Types BAB and ED branch circuit breakers
- 65,000 rms symmetrical amperes at 480Y/277 Vac, using Types GHB and FD branch circuit breakers

Dimensions

Approximate Dimensions in Inches (mm)

Instant Service Switchboards

Height	Width	Depth
Indoor		
90.00 (2286.0)	32.00 (812.8)	14.00 (355.6)
Outdoor		
90.00 (2286.0)	38.00 (965.2)	26.00 (660.4)

Roll-Up Generator Termination Box**Product Description**

Eaton's roll-up generator termination boxes (RUGTB) are designed as an intermediate termination cabinet between temporary, portable roll-up generator and the facility being served. The RUGTB is designed for permanent installation and is secured to a concrete pad with bolts.

The RUGTB includes line terminations for the temporary connection of the portable generator and permanent connections on the load side to the secondary disconnect in the facility, which is interlocked with the main overcurrent device in a manner that ensures that only one (either the service main or the generator main) can be energized at any one time. The conductors and conduits must be sized and suitable for carrying the load ratings marked on the equipment per the National Electrical Code.

Features**Enclosure**

The enclosure is free-standing with feet on the bottom, providing access to the cable connections for temporary roll-up generator terminations. The enclosure is made from code gauge steel and is suitable for either outdoor or indoor installation (Type 3R construction). The enclosure is powder coat painted ANSI 61 gray. Each enclosure houses line and load phase, neutral and ground connections. Access is provided at the bottom of the enclosure for both the temporary connections to the roll-up generator and permanent connections to the facility's generator overcurrent disconnecting means. The permanent connection section at the bottom of the enclosure contains a fixed mounting plate. The temporary generator connection to the RUGTB contains a hinged cover that allows access to the enclosure for generator conductors.

Contents

Description	Page
Roll-Up Generator Termination Box	
Technical Data and Specifications	16
Dimensions	29

Terminations

All roll-up generator termination boxes contain a termination/lug landing for three phases and neutral plus ground. Line termination options include mechanical lugs, one-hole and two-hole compression lugs, one-hole and two-hole compression lug provisions, and quick disconnect.

Lug provisions are provided with bolt configurations as described in the catalog data on the following pages. Where lug provisions are ordered, lugs are supplied by others.

Standards and Certifications

- UL 1773 listed—termination boxes
- 600 Vac maximum
- Amperage ratings: 800, 1200, 1600, 2000 and 2500
- Assembly short-circuit rating: 25,000A rms symmetrical
- Marked "Suitable for use on the line side of service equipment" per UL 1773



Technical Data and Specifications

Approximate Dimensions in Inches (mm)

Roll-Up Generator Termination Box with Line and Load Mechanical Box Lugs ^①

Ampere Rating	Dimensions			Mechanical Box Lugs Line Termination Number, Range and Type	Mechanical Box Lugs Load Termination Number, Range and Type	Catalog Number
	Height	Width	Depth			
800	78.00 (1981.2)	36.00 (914.4)	24.00 (609.6)	(3) 4/0–500 kcmil Al/Cu	(3) 4/0–500 kcmil Al/Cu	GTB08MAMA
				(3) 4/0–500 kcmil Al/Cu	(2) 3/0–750 kcmil Al/Cu	GTB08MAMB
				(2) 3/0–750 kcmil Al/Cu	(3) 4/0–500 kcmil Al/Cu	GTB08MBMA
				(2) 3/0–750 kcmil Al/Cu	(2) 3/0–750 kcmil Al/Cu	GTB08MBMB
1200	78.00 (1981.2)	36.00 (914.4)	24.00 (609.6)	(4) 4/0–500 kcmil Al/Cu	(4) 4/0–500 kcmil Al/Cu	GTB12MCMC
				(4) 4/0–500 kcmil Al/Cu	(3) 3/0–750 kcmil Al/Cu	GTB12MCMD
				(3) 3/0–750 kcmil Al/Cu	(4) 4/0–500 kcmil Al/Cu	GTB12MDMC
				(3) 3/0–750 kcmil Al/Cu	(3) 3/0–750 kcmil Al/Cu	GTB12MDMD
1600	78.00 (1981.2)	36.00 (914.4)	24.00 (609.6)	(5) 4/0–500 kcmil Al/Cu	(5) 4/0–500 kcmil Al/Cu	GTB16MEME
				(5) 4/0–500 kcmil Al/Cu	(4) 3/0–750 kcmil Al/Cu	GTB16MEMF
				(4) 3/0–750 kcmil Al/Cu	(5) 4/0–500 kcmil Al/Cu	GTB16MFME
				(4) 3/0–750 kcmil Al/Cu	(4) 3/0–750 kcmil Al/Cu	GTB16MFMF
2000	78.00 (1981.2)	36.00 (914.4)	24.00 (609.6)	(6) 4/0–500 kcmil Al/Cu	(6) 4/0–500 kcmil Al/Cu	GTB20MGMG
				(6) 4/0–500 kcmil Al/Cu	(5) 3/0–750 kcmil Al/Cu	GTB20MGMH
				(5) 3/0–750 kcmil Al/Cu	(6) 4/0–500 kcmil Al/Cu	GTB20MHMG
				(5) 3/0–750 kcmil Al/Cu	(5) 3/0–750 kcmil Al/Cu	GTB20MHMH
2500	78.00 (1981.2)	36.00 (914.4)	24.00 (609.6)	(8) 4/0–500 kcmil Al/Cu	(8) 4/0–500 kcmil Al/Cu	GTB25MJMJ
				(8) 4/0–500 kcmil Al/Cu	(7) 3/0–750 kcmil Al/Cu	GTB25MJMK
				(7) 3/0–750 kcmil Al/Cu	(8) 4/0–500 kcmil Al/Cu	GTB25MKMJ
				(7) 3/0–750 kcmil Al/Cu	(7) 3/0–750 kcmil Al/Cu	GTB25MJMJ

15

Roll-Up Generator Termination Box with Line Mechanical Box Lugs; Load Single-Hole Compression Lugs ^{①②}

Ampere Rating	Dimensions			Mechanical Box Lugs Line Termination Number, Range and Type	Single-Hole Compression Load Termination Number, Range and Type	Catalog Number
	Height	Width	Depth			
800	78.00 (1981.2)	36.00 (914.4)	24.00 (609.6)	(3) 4/0–500 kcmil Al/Cu	(3) 4/0–500 kcmil Al/Cu	GTB08MACA
				(3) 4/0–500 kcmil Al/Cu	(2) 3/0–750 kcmil Al/Cu	GTB08MACB
				(2) 3/0–750 kcmil Al/Cu	(3) 4/0–500 kcmil Al/Cu	GTB08MBCA
				(2) 3/0–750 kcmil Al/Cu	(2) 3/0–750 kcmil Al/Cu	GTB08MBCB
1200	78.00 (1981.2)	36.00 (914.4)	24.00 (609.6)	(4) 4/0–500 kcmil Al/Cu	(4) 4/0–500 kcmil Al/Cu	GTB12MCCC
				(4) 4/0–500 kcmil Al/Cu	(3) 3/0–750 kcmil Al/Cu	GTB12MCCD
				(3) 3/0–750 kcmil Al/Cu	(4) 4/0–500 kcmil Al/Cu	GTB12MDCC
				(3) 3/0–750 kcmil Al/Cu	(3) 3/0–750 kcmil Al/Cu	GTB12MDCD
1600	78.00 (1981.2)	36.00 (914.4)	24.00 (609.6)	(5) 4/0–500 kcmil Al/Cu	(5) 4/0–500 kcmil Al/Cu	GTB16MECE
				(5) 4/0–500 kcmil Al/Cu	(4) 3/0–750 kcmil Al/Cu	GTB16MECF
				(4) 3/0–750 kcmil Al/Cu	(5) 4/0–500 kcmil Al/Cu	GTB16MFCE
				(4) 3/0–750 kcmil Al/Cu	(4) 3/0–750 kcmil Al/Cu	GTB16MFCF
2000	78.00 (1981.2)	36.00 (914.4)	24.00 (609.6)	(6) 4/0–500 kcmil Al/Cu	(6) 4/0–500 kcmil Al/Cu	GTB20MGCG
				(6) 4/0–500 kcmil Al/Cu	(5) 3/0–750 kcmil Al/Cu	GTB20MGCH
				(5) 3/0–750 kcmil Al/Cu	(6) 4/0–500 kcmil Al/Cu	GTB20MHCG
				(5) 3/0–750 kcmil Al/Cu	(5) 3/0–750 kcmil Al/Cu	GTB20MHCH
2500	78.00 (1981.2)	36.00 (914.4)	24.00 (609.6)	(8) 4/0–500 kcmil Al/Cu	(8) 4/0–500 kcmil Al/Cu	GTB25MJCJ
				(8) 4/0–500 kcmil Al/Cu	(7) 3/0–750 kcmil Al/Cu	GTB25MJCK
				(7) 3/0–750 kcmil Al/Cu	(8) 4/0–500 kcmil Al/Cu	GTB25MKCJ
				(7) 3/0–750 kcmil Al/Cu	(7) 3/0–750 kcmil Al/Cu	GTB25MJCJ

Notes

^① Line side mechanical lugs are factory selected and installed.

^② Load side Anderson, single-hole compression lugs are factory selected and installed.

Roll-Up Generator Termination Box

Approximate Dimensions in Inches (mm)

Roll-Up Generator Termination Box with Line Mechanical Box Lugs; Load Two-Hole Compression Lugs

Ampere Rating	Dimensions			Mechanical Box Lugs Line Termination Number, Range and Type	Two-Hole Compression Load Termination Cu Only Wire Size	Catalog Number
	Height	Width	Depth			
800	78.00 (1981.2)	45.00 (1143.0)	24.00 (609.6)	(3) 4/0–500 kcmil Al/Cu	(3) 350 kcmil Cu only	GTB08MACL
				(3) 4/0–500 kcmil Al/Cu	(3) 400 kcmil Cu only	GTB08MBCM
				(2) 3/0–750 kcmil Al/Cu	(3) 350 kcmil Cu only	GTB08MBCL
				(2) 3/0–750 kcmil Al/Cu	(3) 400 kcmil Cu only	GTB08MACL
1200	78.00 (1981.2)	45.00 (1143.0)	24.00 (609.6)	(4) 4/0–500 kcmil Al/Cu	(4) 500 kcmil Cu only	GTB12MCCN
				(4) 4/0–500 kcmil Al/Cu	(3) 600 kcmil Cu only	GTB12MCCP
				(4) 4/0–500 kcmil Al/Cu	(3) 750 kcmil Cu only	GTB12MCCQ
				(3) 3/0–750 kcmil Al/Cu	(4) 500 kcmil Cu only	GTB12MDCN
				(3) 3/0–750 kcmil Al/Cu	(3) 600 kcmil Cu only	GTB12MDCP
				(3) 3/0–750 kcmil Al/Cu	(3) 750 kcmil Cu only	GTB12MDCQ
1600	78.00 (1981.2)	45.00 (1143.0)	24.00 (609.6)	(5) 4/0–500 kcmil Al/Cu	(5) 500 kcmil Cu only	GTB16MECR
				(5) 4/0–500 kcmil Al/Cu	(4) 600 kcmil Cu only	GTB16MECS
				(5) 4/0–500 kcmil Al/Cu	(4) 750 kcmil Cu only	GTB16MECT
				(4) 3/0–750 kcmil Al/Cu	(5) 500 kcmil Cu only	GTB16MFCR
				(4) 3/0–750 kcmil Al/Cu	(4) 600 kcmil Cu only	GTB16MFCS
				(4) 3/0–750 kcmil Al/Cu	(4) 750 kcmil Cu only	GTB16MFCT
2000	78.00 (1981.2)	45.00 (1143.0)	24.00 (609.6)	(6) 4/0–500 kcmil Al/Cu	(6) 500 kcmil Cu only	GTB20MGCU
				(6) 4/0–500 kcmil Al/Cu	(5) 600 kcmil Cu only	GTB20MGCV
				(6) 4/0–500 kcmil Al/Cu	(5) 750 kcmil Cu only	GTB20MGCW
				(5) 3/0–750 kcmil Al/Cu	(6) 500 kcmil Cu only	GTB20MHCU
				(5) 3/0–750 kcmil Al/Cu	(5) 600 kcmil Cu only	GTB20MHCV
				(5) 3/0–750 kcmil Al/Cu	(5) 750 kcmil Cu only	GTB20MHCW
2500	78.00 (1981.2)	45.00 (1143.0)	24.00 (609.6)	(8) 4/0–500 kcmil Al/Cu	(7) 500 kcmil Cu only	GTB25MJCX
				(8) 4/0–500 kcmil Al/Cu	(6) 600 kcmil Cu only	GTB25MJCY
				(8) 4/0–500 kcmil Al/Cu	(6) 750 kcmil Cu only	GTB25MJCZ
				(7) 3/0–750 kcmil Al/Cu	(7) 500 kcmil Cu only	GTB25MKCX
				(7) 3/0–750 kcmil Al/Cu	(6) 600 kcmil Cu only	GTB25MKCY
				(7) 3/0–750 kcmil Al/Cu	(6) 750 kcmil Cu only	GTB25MKCZ

Notes

Line side mechanical lugs are factory selected and installed.

Load side factory installed Burndy, two-hole, short barrel compression lugs suitable for copper wire only requires a 45-inch (1143.0 mm) wide enclosure.

Approximate Dimensions in Inches (mm)

Roll-Up Generator Termination Box with Line Mechanical Box Lugs; Load Provisions Only, Single-Hole Compression Lugs ^{①②}

Ampere Rating	Dimensions			Mechanical Box Lugs Line Termination Number, Range and Type	Single-Hole Compression Load Provisions Only Number and Range	Catalog Number
	Height	Width	Depth			
800	78.00 (1981.2)	36.00 (914.4)	24.00 (609.6)	(3) 4/0–500 kcmil Al/Cu	(3) Provisions per phase	GTB08MAP1
				(2) 3/0–750 kcmil Al/Cu	(3) Provisions per phase	GTB08MBP1
1200	78.00 (1981.2)	36.00 (914.4)	24.00 (609.6)	(4) 4/0–500 kcmil Al/Cu	(4) Provisions per phase	GTB12MCP2
				(3) 3/0–750 kcmil Al/Cu	(4) Provisions per phase	GTB12MDP2
1600	78.00 (1981.2)	36.00 (914.4)	24.00 (609.6)	(5) 4/0–500 kcmil Al/Cu	(5) Provisions per phase	GTB16MEP3
				(4) 3/0–750 kcmil Al/Cu	(5) Provisions per phase	GTB16MFP3
2000	78.00 (1981.2)	36.00 (914.4)	24.00 (609.6)	(6) 4/0–500 kcmil Al/Cu	(6) Provisions per phase	GTB20MGP4
				(5) 3/0–750 kcmil Al/Cu	(6) Provisions per phase	GTB20MHP4
2500	78.00 (1981.2)	36.00 (914.4)	24.00 (609.6)	(8) 4/0–500 kcmil Al/Cu	(8) Provisions per phase	GTB25MJP5
				(7) 3/0–750 kcmil Al/Cu	(8) Provisions per phase	GTB25MKP5

Roll-Up Generator Termination Box with Line Mechanical Box Lugs; Load Provisions Only, Two-Hole Compression Lugs ^{①③④}

Ampere Rating	Dimensions			Mechanical Box Lugs Line Termination Number, Range and Type	Two-Hole Compression Load Provisions Only Number and Range	Catalog Number
	Height	Width	Depth			
800	78.00 (1981.2)	45.00 (1143.0)	24.00 (609.6)	(3) 4/0–500 kcmil Al/Cu	(3) Provisions per phase	GTB08MAPA
				(2) 3/0–750 kcmil Al/Cu	(3) Provisions per phase	GTB08MBPA
1200	78.00 (1981.2)	45.00 (1143.0)	24.00 (609.6)	(4) 4/0–500 kcmil Al/Cu	(4) Provisions per phase	GTB12MCPB
				(3) 3/0–750 kcmil Al/Cu	(4) Provisions per phase	GTB12MDPB
1600	78.00 (1981.2)	45.00 (1143.0)	24.00 (609.6)	(5) 4/0–500 kcmil Al/Cu	(5) Provisions per phase	GTB16MEPC
				(4) 3/0–750 kcmil Al/Cu	(5) Provisions per phase	GTB16MFPC
2000	78.00 (1981.2)	45.00 (1143.0)	24.00 (609.6)	(6) 4/0–500 kcmil Al/Cu	(6) Provisions per phase	GTB20MGPD
				(5) 3/0–750 kcmil Al/Cu	(6) Provisions per phase	GTB20MHPD
2500	78.00 (1981.2)	45.00 (1143.0)	24.00 (609.6)	(8) 4/0–500 kcmil Al/Cu	(8) Provisions per phase	GTB25MJPE
				(7) 3/0–750 kcmil Al/Cu	(8) Provisions per phase	GTB25MKPE

Notes

- ① Line side mechanical lugs are factory selected and installed.
- ② Load side factory installed 3/8-inch bolt provisions for single-hole compression lugs (lugs furnished by others).
- ③ Load side factory installed 1/2-inch bolt provisions on 1-3/4-inch hole centers for two-hole compression lugs (lugs furnished by others).
- ④ Requires 45-inch (1143.0 mm) wide enclosure.

Roll-Up Generator Termination Box

Approximate Dimensions in Inches (mm)

Roll-Up Generator Termination Box with Line Single-Hole Compression Lugs and Load Mechanical Box Lugs ^{①②}

Ampere Rating	Dimensions Height	Width	Depth	Single-Hole Compression Line Termination Number, Range and Type	Mechanical Box Lugs Load Termination Number, Range and Type	Catalog Number
800	78.00 (1981.2)	36.00 (914.4)	24.00 (609.6)	(3) 4/0–500 kcmil Al/Cu	(3) 4/0–500 kcmil Al/Cu	GTB08CAMA
				(3) 4/0–500 kcmil Al/Cu	(2) 3/0–750 kcmil Al/Cu	GTB08CAMB
				(2) 3/0–750 kcmil Al/Cu	(3) 4/0–500 kcmil Al/Cu	GTB08CBMA
				(2) 3/0–750 kcmil Al/Cu	(2) 3/0–750 kcmil Al/Cu	GTB08CBMB
1200	78.00 (1981.2)	36.00 (914.4)	24.00 (609.6)	(4) 4/0–500 kcmil Al/Cu	(4) 4/0–500 kcmil Al/Cu	GTB12CCMC
				(4) 4/0–500 kcmil Al/Cu	(3) 3/0–750 kcmil Al/Cu	GTB12CCMD
				(3) 3/0–750 kcmil Al/Cu	(4) 4/0–500 kcmil Al/Cu	GTB12CDMC
				(3) 3/0–750 kcmil Al/Cu	(3) 3/0–750 kcmil Al/Cu	GTB12CDMD
1600	78.00 (1981.2)	36.00 (914.4)	24.00 (609.6)	(5) 4/0–500 kcmil Al/Cu	(5) 4/0–500 kcmil Al/Cu	GTB16CEME
				(5) 4/0–500 kcmil Al/Cu	(4) 3/0–750 kcmil Al/Cu	GTB16CEMF
				(4) 3/0–750 kcmil Al/Cu	(5) 4/0–500 kcmil Al/Cu	GTB16CFME
				(4) 3/0–750 kcmil Al/Cu	(4) 3/0–750 kcmil Al/Cu	GTB16CFMF
2000	78.00 (1981.2)	36.00 (914.4)	24.00 (609.6)	(6) 4/0–500 kcmil Al/Cu	(6) 4/0–500 kcmil Al/Cu	GTB20CGMG
				(6) 4/0–500 kcmil Al/Cu	(5) 3/0–750 kcmil Al/Cu	GTB20CGMH
				(5) 3/0–750 kcmil Al/Cu	(6) 4/0–500 kcmil Al/Cu	GTB20CHMG
				(5) 3/0–750 kcmil Al/Cu	(5) 3/0–750 kcmil Al/Cu	GTB20CHMH
2500	78.00 (1981.2)	36.00 (914.4)	24.00 (609.6)	(8) 4/0–500 kcmil Al/Cu	(8) 4/0–500 kcmil Al/Cu	GTB25CJMJ
				(8) 4/0–500 kcmil Al/Cu	(7) 3/0–750 kcmil Al/Cu	GTB25CJMK
				(7) 3/0–750 kcmil Al/Cu	(8) 4/0–500 kcmil Al/Cu	GTB25CKMJ
				(7) 3/0–750 kcmil Al/Cu	(7) 3/0–750 kcmil Al/Cu	GTB25CJMK

15

Roll-Up Generator Termination Box with Line and Load Single-Hole Compression Lugs ^③

Ampere Rating	Dimensions Height	Width	Depth	Single-Hole Compression Line Termination Number, Range and Type	Single-Hole Compression Load Termination Number, Range and Type	Catalog Number
800	78.00 (1981.2)	36.00 (914.4)	24.00 (609.6)	(3) 4/0–500 kcmil Al/Cu	(3) 4/0–500 kcmil Al/Cu	GTB08CACA
				(3) 4/0–500 kcmil Al/Cu	(2) 3/0–750 kcmil Al/Cu	GTB08CACB
				(2) 3/0–750 kcmil Al/Cu	(3) 4/0–500 kcmil Al/Cu	GTB08CBCA
				(2) 3/0–750 kcmil Al/Cu	(2) 3/0–750 kcmil Al/Cu	GTB08CBCB
1200	78.00 (1981.2)	36.00 (914.4)	24.00 (609.6)	(4) 4/0–500 kcmil Al/Cu	(4) 4/0–500 kcmil Al/Cu	GTB12CCCC
				(4) 4/0–500 kcmil Al/Cu	(3) 3/0–750 kcmil Al/Cu	GTB12CCCD
				(3) 3/0–750 kcmil Al/Cu	(4) 4/0–500 kcmil Al/Cu	GTB12CDCC
				(3) 3/0–750 kcmil Al/Cu	(3) 3/0–750 kcmil Al/Cu	GTB12CDCCD
1600	78.00 (1981.2)	36.00 (914.4)	24.00 (609.6)	(5) 4/0–500 kcmil Al/Cu	(5) 4/0–500 kcmil Al/Cu	GTB16CECE
				(5) 4/0–500 kcmil Al/Cu	(4) 3/0–750 kcmil Al/Cu	GTB16CECF
				(4) 3/0–750 kcmil Al/Cu	(5) 4/0–500 kcmil Al/Cu	GTB16CFCE
				(4) 3/0–750 kcmil Al/Cu	(4) 3/0–750 kcmil Al/Cu	GTB16CFCF
2000	78.00 (1981.2)	36.00 (914.4)	24.00 (609.6)	(6) 4/0–500 kcmil Al/Cu	(6) 4/0–500 kcmil Al/Cu	GTB20CGCG
				(6) 4/0–500 kcmil Al/Cu	(5) 3/0–750 kcmil Al/Cu	GTB20CGCH
				(5) 3/0–750 kcmil Al/Cu	(6) 4/0–500 kcmil Al/Cu	GTB20CHCG
				(5) 3/0–750 kcmil Al/Cu	(5) 3/0–750 kcmil Al/Cu	GTB20CHCH
2500	78.00 (1981.2)	36.00 (914.4)	24.00 (609.6)	(8) 4/0–500 kcmil Al/Cu	(8) 4/0–500 kcmil Al/Cu	GTB25CJCJ
				(8) 4/0–500 kcmil Al/Cu	(7) 3/0–750 kcmil Al/Cu	GTB25CJCK
				(7) 3/0–750 kcmil Al/Cu	(8) 4/0–500 kcmil Al/Cu	GTB25CKCJ
				(7) 3/0–750 kcmil Al/Cu	(7) 3/0–750 kcmil Al/Cu	GTB25CJCK

Notes

- ① Line side Anderson, single-hole compression lugs are factory selected and installed.
 ② Load side mechanical lugs are factory selected and installed.
 ③ Line side and load Anderson, single-hole compression lugs are factory selected and installed.

Approximate Dimensions in Inches (mm)

Roll-Up Generator Termination Box with Line Single-Hole Compression Lugs; Load Two-Hole Compression Lugs ^{①②③}

Ampere Rating	Dimensions			Single-Hole Compression Line Termination Number, Range and Type	Two-Hole Compression Load Termination Cu Only Wire Size	Catalog Number
	Height	Width	Depth			
800	78.00 (1981.2)	45.00 (1143.0)	24.00 (609.6)	(3) 4/0–500 kcmil Al/Cu	(3) 350 kcmil Cu only	GTB08CACL
				(3) 4/0–500 kcmil Al/Cu	(3) 400 kcmil Cu only	GTB08CACM
				(2) 3/0–750 kcmil Al/Cu	(3) 350 kcmil Cu only	GTB08CBCL
				(2) 3/0–750 kcmil Al/Cu	(3) 400 kcmil Cu only	GTB08CBCM
1200	78.00 (1981.2)	45.00 (1143.0)	24.00 (609.6)	(4) 4/0–500 kcmil Al/Cu	(4) 500 kcmil Cu only	GTB12CCCN
				(4) 4/0–500 kcmil Al/Cu	(3) 600 kcmil Cu only	GTB12CCCP
				(4) 4/0–500 kcmil Al/Cu	(3) 750 kcmil Cu only	GTB12CCCQ
				(3) 3/0–750 kcmil Al/Cu	(4) 500 kcmil Cu only	GTB12CDCN
				(3) 3/0–750 kcmil Al/Cu	(3) 600 kcmil Cu only	GTB12CDCP
				(3) 3/0–750 kcmil Al/Cu	(3) 750 kcmil Cu only	GTB12CDCQ
1600	78.00 (1981.2)	45.00 (1143.0)	24.00 (609.6)	(5) 4/0–500 kcmil Al/Cu	(5) 500 kcmil Cu only	GTB16CECR
				(5) 4/0–500 kcmil Al/Cu	(4) 600 kcmil Cu only	GTB16CECS
				(5) 4/0–500 kcmil Al/Cu	(4) 750 kcmil Cu only	GTB16CECT
				(4) 3/0–750 kcmil Al/Cu	(5) 500 kcmil Cu only	GTB16CFCR
				(4) 3/0–750 kcmil Al/Cu	(4) 600 kcmil Cu only	GTB16CFCS
				(4) 3/0–750 kcmil Al/Cu	(4) 750 kcmil Cu only	GTB16CFCT
2000	78.00 (1981.2)	45.00 (1143.0)	24.00 (609.6)	(6) 4/0–500 kcmil Al/Cu	(6) 500 kcmil Cu only	GTB20CGCU
				(6) 4/0–500 kcmil Al/Cu	(5) 600 kcmil Cu only	GTB20CGCV
				(6) 4/0–500 kcmil Al/Cu	(5) 750 kcmil Cu only	GTB20CGCW
				(5) 3/0–750 kcmil Al/Cu	(6) 500 kcmil Cu only	GTB20CHCU
				(5) 3/0–750 kcmil Al/Cu	(5) 600 kcmil Cu only	GTB20CHCV
				(5) 3/0–750 kcmil Al/Cu	(5) 750 kcmil Cu only	GTB20CHCW
2500	78.00 (1981.2)	45.00 (1143.0)	24.00 (609.6)	(8) 4/0–500 kcmil Al/Cu	(7) 500 kcmil Cu only	GTB25CJCX
				(8) 4/0–500 kcmil Al/Cu	(6) 600 kcmil Cu only	GTB25CJCY
				(8) 4/0–500 kcmil Al/Cu	(6) 750 kcmil Cu only	GTB25CJCZ
				(7) 3/0–750 kcmil Al/Cu	(7) 500 kcmil Cu only	GTB25CKCX
				(7) 3/0–750 kcmil Al/Cu	(6) 600 kcmil Cu only	GTB25CKCY
				(7) 3/0–750 kcmil Al/Cu	(6) 750 kcmil Cu only	GTB25CKCZ

Roll-Up Generator Termination Box with Line Single-Hole Compression Lugs; Load Provisions Only, Single-Hole Compression Lugs ^{①④}

Ampere Rating	Dimensions			Single-Hole Compression Line Termination Number, Range and Type	Single-Hole Compression Load Provisions Only Number and Range	Catalog Number
	Height	Width	Depth			
800	78.00 (1981.2)	36.00 (914.4)	24.00 (609.6)	(3) 4/0–500 kcmil Al/Cu	(3) Provisions per phase	GTB08CAP1
				(2) 3/0–750 kcmil Al/Cu	(3) Provisions per phase	GTB08CBP1
1200	78.00 (1981.2)	36.00 (914.4)	24.00 (609.6)	(4) 4/0–500 kcmil Al/Cu	(4) Provisions per phase	GTB12CCP2
				(3) 3/0–750 kcmil Al/Cu	(4) Provisions per phase	GTB12CDP2
1600	78.00 (1981.2)	36.00 (914.4)	24.00 (609.6)	(5) 4/0–500 kcmil Al/Cu	(5) Provisions per phase	GTB16CEP3
				(4) 3/0–750 kcmil Al/Cu	(5) Provisions per phase	GTB16CFP3
2000	78.00 (1981.2)	36.00 (914.4)	24.00 (609.6)	(6) 4/0–500 kcmil Al/Cu	(6) Provisions per phase	GTB20CGP4
				(5) 3/0–750 kcmil Al/Cu	(6) Provisions per phase	GTB20CHP4
2500	78.00 (1981.2)	36.00 (914.4)	24.00 (609.6)	(8) 4/0–500 kcmil Al/Cu	(8) Provisions per phase	GTB25CJP5
				(7) 3/0–750 kcmil Al/Cu	(8) Provisions per phase	GTB25CKP5

Notes

- ① Line side Anderson, single-hole compression lugs are factory selected and installed.
- ② Load side factory installed Burndy, two-hole, short barrel compression lugs suitable for copper wire only.
- ③ Requires 45-inch (1143.0 mm) wide enclosure.
- ④ Load side factory installed 3/8-inch bolt provisions for single-hole compression lugs (lugs furnished by others).

Roll-Up Generator Termination Box

Approximate Dimensions in Inches (mm)

Roll-Up Generator Termination Box with Single-Hole Compression Lugs; Load Provisions Only, Two-Hole Compression Lugs ①②③

Ampere Rating	Dimensions			Single-Hole Compression Line Termination Number, Range and Type	Two-Hole Compression Load Provisions Only Number and Range	Catalog Number
	Height	Width	Depth			
800	78.00 (1981.2)	45.00 (1143.0)	24.00 (609.6)	(3) 4/0–500 kcmil Al/Cu	(3) Provisions per phase	GTB08CAPA
				(2) 3/0–750 kcmil Al/Cu	(3) Provisions per phase	GTB08CBPA
1200	78.00 (1981.2)	45.00 (1143.0)	24.00 (609.6)	(4) 4/0–500 kcmil Al/Cu	(4) Provisions per phase	GTB12CCPB
				(3) 3/0–750 kcmil Al/Cu	(4) Provisions per phase	GTB12CDPB
1600	78.00 (1981.2)	45.00 (1143.0)	24.00 (609.6)	(5) 4/0–500 kcmil Al/Cu	(5) Provisions per phase	GTB16CEPC
				(4) 3/0–750 kcmil Al/Cu	(5) Provisions per phase	GTB16CGPC
2000	78.00 (1981.2)	45.00 (1143.0)	24.00 (609.6)	(6) 4/0–500 kcmil Al/Cu	(6) Provisions per phase	GTB20CGPD
				(5) 3/0–750 kcmil Al/Cu	(6) Provisions per phase	GTB20CHPD
2500	78.00 (1981.2)	45.00 (1143.0)	24.00 (609.6)	(8) 4/0–500 kcmil Al/Cu	(8) Provisions per phase	GTB25CJPE
				(7) 3/0–750 kcmil Al/Cu	(8) Provisions per phase	GTB25CKPE

Roll-Up Generator Termination Box with Line Two-Hole Compression Lugs and Load Mechanical Box Lugs ③④⑤

Ampere Rating	Dimensions			Two-Hole Compression Line Termination Cu Only Wire Size	Mechanical Box Lugs Load Termination Number, Range and Type	Catalog Number
	Height	Width	Depth			
800	78.00 (1981.2)	45.00 (1143.0)	24.00 (609.6)	(3) 350 kcmil Cu only	(3) 4/0–500 kcmil Al/Cu	GTB08CLMA
				(3) 350 kcmil Cu only	(2) 3/0–750 kcmil Al/Cu	GTB08CLMB
				(3) 400 kcmil Cu only	(3) 4/0–500 kcmil Al/Cu	GTB08CMMA
				(3) 400 kcmil Cu only	(2) 3/0–750 kcmil Al/Cu	GTB08CMMB
1200	78.00 (1981.2)	45.00 (1143.0)	24.00 (609.6)	(4) 500 kcmil Cu only	(4) 4/0–500 kcmil Al/Cu	GTB12CNMC
				(4) 500 kcmil Cu only	(3) 3/0–750 kcmil Al/Cu	GTB12CNMD
				(3) 600 kcmil Cu only	(4) 4/0–500 kcmil Al/Cu	GTB12CPMC
				(3) 600 kcmil Cu only	(3) 3/0–750 kcmil Al/Cu	GTB12CPMD
				(3) 750 kcmil Cu only	(4) 4/0–500 kcmil Al/Cu	GTB12CQMC
				(3) 750 kcmil Cu only	(3) 3/0–750 kcmil Al/Cu	GTB12CQMD
				1600	78.00 (1981.2)	45.00 (1143.0)
(5) 500 kcmil Cu only	(4) 3/0–750 kcmil Al/Cu	GTB16CRMF				
(4) 600 kcmil Cu only	(5) 4/0–500 kcmil Al/Cu	GTB16CSME				
(4) 600 kcmil Cu only	(4) 3/0–750 kcmil Al/Cu	GTB16CSMF				
(4) 750 kcmil Cu only	(5) 4/0–500 kcmil Al/Cu	GTB16CTME				
(4) 750 kcmil Cu only	(4) 3/0–750 kcmil Al/Cu	GTB16CTMF				
2000	78.00 (1981.2)	45.00 (1143.0)	24.00 (609.6)	(6) 500 kcmil Cu only	(6) 4/0–500 kcmil Al/Cu	GTB20CUMG
				(6) 500 kcmil Cu only	(5) 3/0–750 kcmil Al/Cu	GTB20CUMH
				(5) 600 kcmil Cu only	(6) 4/0–500 kcmil Al/Cu	GTB20CVMG
				(5) 600 kcmil Cu only	(5) 3/0–750 kcmil Al/Cu	GTB20CVMH
				(5) 750 kcmil Cu only	(6) 4/0–500 kcmil Al/Cu	GTB20CWMG
2500	78.00 (1981.2)	45.00 (1143.0)	24.00 (609.6)	(7) 500 kcmil Cu only	(8) 4/0–500 kcmil Al/Cu	GTB25CXMJ
				(7) 500 kcmil Cu only	(7) 3/0–750 kcmil Al/Cu	GTB25CXMK
				(6) 600 kcmil Cu only	(8) 4/0–500 kcmil Al/Cu	GTB25CYMJ
				(6) 600 kcmil Cu only	(7) 3/0–750 kcmil Al/Cu	GTB25CYMK
				(6) 750 kcmil Cu only	(8) 4/0–500 kcmil Al/Cu	GTB25CZMJ
				(6) 750 kcmil Cu only	(7) 3/0–750 kcmil Al/Cu	GTB25CZMK

Notes

- ① Line side Anderson, single-hole compression lugs are factory selected and installed.
- ② Load side factory installed 1/2-inch bolt provisions on 1-3/4-inch hole centers for two-hole compression lugs (lugs furnished by others).
- ③ Requires 45-inch (1143.0 mm) wide enclosure.
- ④ Line side factory installed Burndy, two-hole, short barrel compression lugs suitable for copper wire only.
- ⑤ Load side mechanical lugs are factory selected and installed.

Approximate Dimensions in Inches (mm)

Roll-Up Generator Termination Box with Line Two-Hole Compression Lugs and Load Single-Hole Compression Lugs

Ampere Rating	Dimensions			Two-Hole Compression Line Termination Cu Only Wire Size	Single-Hole Compression Load Termination Number, Range and Type	Catalog Number
	Height	Width	Depth			
800	78.00 (1981.2)	45.00 (1143.0)	24.00 (609.6)	(3) 350 kcmil Cu only	(3) 4/0–500 kcmil Al/Cu	GTB08CLCA
				(3) 350 kcmil Cu only	(2) 3/0–750 kcmil Al/Cu	GTB08CLCB
				(3) 400 kcmil Cu only	(3) 4/0–500 kcmil Al/Cu	GTB08CMCA
				(3) 400 kcmil Cu only	(2) 3/0–750 kcmil Al/Cu	GTB08CMCB
1200	78.00 (1981.2)	45.00 (1143.0)	24.00 (609.6)	(4) 500 kcmil Cu only	(4) 4/0–500 kcmil Al/Cu	GTB12CNCC
				(4) 500 kcmil Cu only	(3) 3/0–750 kcmil Al/Cu	GTB12CNCD
				(3) 600 kcmil Cu only	(4) 4/0–500 kcmil Al/Cu	GTB12CPCC
				(3) 600 kcmil Cu only	(3) 3/0–750 kcmil Al/Cu	GTB12PCPD
				(3) 750 kcmil Cu only	(4) 4/0–500 kcmil Al/Cu	GTB12CQCC
				(3) 750 kcmil Cu only	(3) 3/0–750 kcmil Al/Cu	GTB12CQCD
1600	78.00 (1981.2)	45.00 (1143.0)	24.00 (609.6)	(5) 500 kcmil Cu only	(5) 4/0–500 kcmil Al/Cu	GTB16CRCE
				(5) 500 kcmil Cu only	(4) 3/0–750 kcmil Al/Cu	GTB16CRCF
				(4) 600 kcmil Cu only	(5) 4/0–500 kcmil Al/Cu	GTB16CSCE
				(4) 600 kcmil Cu only	(4) 3/0–750 kcmil Al/Cu	GTB16CSCF
				(4) 750 kcmil Cu only	(5) 4/0–500 kcmil Al/Cu	GTB16CTCE
				(4) 750 kcmil Cu only	(4) 3/0–750 kcmil Al/Cu	GTB16CTCF
2000	78.00 (1981.2)	45.00 (1143.0)	24.00 (609.6)	(6) 500 kcmil Cu only	(6) 4/0–500 kcmil Al/Cu	GTB20CUCG
				(6) 500 kcmil Cu only	(5) 3/0–750 kcmil Al/Cu	GTB20CUCH
				(5) 600 kcmil Cu only	(6) 4/0–500 kcmil Al/Cu	GTB20CVCG
				(5) 600 kcmil Cu only	(5) 3/0–750 kcmil Al/Cu	GTB20CVCH
				(5) 750 kcmil Cu only	(6) 4/0–500 kcmil Al/Cu	GTB20CWCG
				(5) 750 kcmil Cu only	(5) 3/0–750 kcmil Al/Cu	GTB20CWCH
2500	78.00 (1981.2)	45.00 (1143.0)	24.00 (609.6)	(7) 500 kcmil Cu only	(8) 4/0–500 kcmil Al/Cu	GTB25CX CJ
				(7) 500 kcmil Cu only	(7) 3/0–750 kcmil Al/Cu	GTB25CXCK
				(6) 600 kcmil Cu only	(8) 4/0–500 kcmil Al/Cu	GTB25CYCJ
				(6) 600 kcmil Cu only	(7) 3/0–750 kcmil Al/Cu	GTB25CYCK
				(6) 750 kcmil Cu only	(8) 4/0–500 kcmil Al/Cu	GTB25CZCJ
				(6) 750 kcmil Cu only	(7) 3/0–750 kcmil Al/Cu	GTB25CZCK
				(6) 750 kcmil Cu only	(7) 3/0–750 kcmil Al/Cu	GTB25CZCK

Notes

Line side factory installed Burndy, two-hole, short barrel compression lugs suitable for copper wire only.

Load side Anderson, single-hole compression lugs are factory selected and installed.

Requires 45-inch (1143.0 mm) wide enclosure.

Roll-Up Generator Termination Box

Approximate Dimensions in Inches (mm)

Roll-Up Generator Termination Box with Line Two-Hole Compression Lugs; Load Two-Hole Compression Lugs

Ampere Rating	Dimensions			Two-Hole Compression Line Termination Cu Only Wire Size	Two-Hole Compression Load Termination Cu Only Wire Size	Catalog Number
	Height	Width	Depth			
800	78.00 (1981.2)	45.00 (1143.0)	24.00 (609.6)	(3) 350 kcmil Cu only	(3) 350 kcmil Cu only	GTB08CLCL
				(3) 350 kcmil Cu only	(3) 400 kcmil Cu only	GTB08CLCM
				(3) 400 kcmil Cu only	(3) 350 kcmil Cu only	GTB08CMCL
				(3) 400 kcmil Cu only	(3) 400 kcmil Cu only	GTB08CMCM
1200	78.00 (1981.2)	45.00 (1143.0)	24.00 (609.6)	(4) 500 kcmil Cu only	(4) 500 kcmil Cu only	GTB12CNCN
				(4) 500 kcmil Cu only	(3) 600 kcmil Cu only	GTB12CNCP
				(4) 500 kcmil Cu only	(3) 750 kcmil Cu only	GTB12CNCQ
				(3) 600 kcmil Cu only	(4) 500 kcmil Cu only	GTB12CPCN
				(3) 600 kcmil Cu only	(3) 600 kcmil Cu only	GTB12PCPN
				(3) 600 kcmil Cu only	(3) 750 kcmil Cu only	GTB12CPCQ
				(3) 750 kcmil Cu only	(4) 500 kcmil Cu only	GTB12CQCN
				(3) 750 kcmil Cu only	(3) 600 kcmil Cu only	GTB12CQCP
				(3) 750 kcmil Cu only	(3) 750 kcmil Cu only	GTB12CQCQ
1600	78.00 (1981.2)	45.00 (1143.0)	24.00 (609.6)	(5) 500 kcmil Cu only	(5) 500 kcmil Cu only	GTB16CRCR
				(5) 500 kcmil Cu only	(4) 600 kcmil Cu only	GTB16CRCS
				(5) 500 kcmil Cu only	(4) 750 kcmil Cu only	GTB16CRCT
				(4) 600 kcmil Cu only	(5) 500 kcmil Cu only	GTB16CSCR
				(4) 600 kcmil Cu only	(4) 600 kcmil Cu only	GTB16CSCS
				(4) 600 kcmil Cu only	(4) 750 kcmil Cu only	GTB16CSCT
				(4) 750 kcmil Cu only	(5) 500 kcmil Cu only	GTB16CTCR
				(4) 750 kcmil Cu only	(4) 600 kcmil Cu only	GTB16CTCS
				(4) 750 kcmil Cu only	(4) 750 kcmil Cu only	GTB16CTCT
2000	78.00 (1981.2)	45.00 (1143.0)	24.00 (609.6)	(6) 500 kcmil Cu only	(6) 500 kcmil Cu only	GTB20CUCU
				(6) 500 kcmil Cu only	(5) 600 kcmil Cu only	GTB20CUCV
				(6) 500 kcmil Cu only	(5) 750 kcmil Cu only	GTB20CUCW
				(5) 600 kcmil Cu only	(6) 500 kcmil Cu only	GTB20CVCU
				(5) 600 kcmil Cu only	(5) 600 kcmil Cu only	GTB20CVCU
				(5) 600 kcmil Cu only	(5) 750 kcmil Cu only	GTB20CVCW
				(5) 750 kcmil Cu only	(6) 500 kcmil Cu only	GTB20CWCU
				(5) 750 kcmil Cu only	(5) 600 kcmil Cu only	GTB20CWCV
				(5) 750 kcmil Cu only	(5) 750 kcmil Cu only	GTB20CWCW
2500	78.00 (1981.2)	45.00 (1143.0)	24.00 (609.6)	(7) 500 kcmil Cu only	(7) 500 kcmil Cu only	GTB25CXCX
				(7) 500 kcmil Cu only	(6) 600 kcmil Cu only	GTB25CXCY
				(7) 500 kcmil Cu only	(6) 750 kcmil Cu only	GTB25CXCZ
				(6) 600 kcmil Cu only	(7) 500 kcmil Cu only	GTB25CYCX
				(6) 600 kcmil Cu only	(6) 600 kcmil Cu only	GTB25CYCY
				(6) 600 kcmil Cu only	(6) 750 kcmil Cu only	GTB25CYCZ
				(6) 750 kcmil Cu only	(7) 500 kcmil Cu only	GTB25CZCX
				(6) 750 kcmil Cu only	(6) 600 kcmil Cu only	GTB25CZCY
				(6) 750 kcmil Cu only	(6) 750 kcmil Cu only	GTB25CZCZ

Notes

Line and load side factory installed Burndy, two-hole, short barrel compression lugs suitable for copper wire only.
Requires 45-inch (1143.0 mm) wide enclosure.

Approximate Dimensions in Inches (mm)

Roll-Up Generator Termination Box with Line Two-Hole Compression Lugs; Load Provisions Only, Single-Hole Compression Lugs ^{①②③}

Ampere Rating	Dimensions Height	Width	Depth	Two-Hole Compression Line Termination Cu Only Wire Size	Single-Hole Compression Load Provisions Only Number and Range	Catalog Number
800	78.00 (1981.2)	45.00 (1143.0)	24.00 (609.6)	(3) 350 kcmil Cu only	(3) Provisions per phase	GTB08CLP1
				(3) 400 kcmil Cu only	(3) Provisions per phase	GTB08CMP1
1200	78.00 (1981.2)	45.00 (1143.0)	24.00 (609.6)	(4) 500 kcmil Cu only	(4) Provisions per phase	GTB12CNP2
				(3) 600 kcmil Cu only	(4) Provisions per phase	GTB12CPP2
				(3) 750 kcmil Cu only	(4) Provisions per phase	GTB12CQP2
2000	78.00 (1981.2)	45.00 (1143.0)	24.00 (609.6)	(6) 500 kcmil Cu only	(6) Provisions per phase	GTB20CUP4
				(5) 600 kcmil Cu only	(6) Provisions per phase	GTB20CVP4
				(5) 750 kcmil Cu only	(6) Provisions per phase	GTB20CWP4
2500	78.00 (1981.2)	45.00 (1143.0)	24.00 (609.6)	(7) 500 kcmil Cu only	(8) Provisions per phase	GTB25CXP5
				(6) 600 kcmil Cu only	(8) Provisions per phase	GTB25CYP6
				(6) 750 kcmil Cu only	(8) Provisions per phase	GTB25CZP6

Roll-Up Generator Termination Box with Two-Hole Compression Lugs; Load Provisions Only, Two-Hole Compression Lugs

Ampere Rating	Dimensions Height	Width	Depth	Two-Hole Compression Line Termination Cu Only Wire Size	Two-Hole Compression Load Provisions Only Number and Range	Catalog Number
800	78.00 (1981.2)	45.00 (1143.0)	24.00 (609.6)	(3) 350 kcmil Cu only	(3) Provisions per phase	GTB08CLPA
				(3) 400 kcmil Cu only	(3) Provisions per phase	GTB08CMPA
1200	78.00 (1981.2)	45.00 (1143.0)	24.00 (609.6)	(4) 500 kcmil Cu only	(4) Provisions per phase	GTB12CNPB
				(3) 600 kcmil Cu only	(4) Provisions per phase	GTB12CPPB
				(3) 750 kcmil Cu only	(4) Provisions per phase	GTB12CQPB
1600	78.00 (1981.2)	45.00 (1143.0)	24.00 (609.6)	(5) 500 kcmil Cu only	(5) Provisions per phase	GTB16CRPC
				(4) 600 kcmil Cu only	(5) Provisions per phase	GTB16CSPC
				(4) 750 kcmil Cu only	(5) Provisions per phase	GTB16CTPC
2000	78.00 (1981.2)	45.00 (1143.0)	24.00 (609.6)	(6) 500 kcmil Cu only	(6) Provisions per phase	GTB20CUPD
				(5) 600 kcmil Cu only	(6) Provisions per phase	GTB20CVPD
				(5) 750 kcmil Cu only	(6) Provisions per phase	GTB20CWPD
2500	78.00 (1981.2)	45.00 (1143.0)	24.00 (609.6)	(7) 500 kcmil Cu only	(8) Provisions per phase	GTB25CXPE
				(6) 600 kcmil Cu only	(8) Provisions per phase	GTB25CYPE
				(6) 750 kcmil Cu only	(8) Provisions per phase	GTB25CZPE

Notes

- ① Line side factory installed Burndy, two-hole, short barrel compression lugs suitable for copper wire only.
- ② Load side factory installed 3/8-inch bolt provisions for single-hole compression lugs (lugs furnished by others).
- ③ Requires 45-inch (1143.0 mm) wide enclosure.
- ④ Load side factory installed 1/2-inch bolt provisions on 1-3/4-inch hole centers for two-hole compression lugs (lugs furnished by others).

Roll-Up Generator Termination Box

Approximate Dimensions in Inches (mm)

Roll-Up Generator Termination Box with Line Single-Hole Compression Lug Provisions; Load Mechanical Box Lugs ①②

Ampere Rating	Dimensions			Single-Hole Compression Line Provisions Only Number and Range	Mechanical Box Lugs Load Termination Number, Range and Type	Catalog Number
	Height	Width	Depth			
800	78.00 (1981.2)	36.00 (914.4)	24.00 (609.6)	(3) Provisions per phase	(3) 4/0–500 kcmil Al/Cu	GTB08P1MA
				(3) Provisions per phase	(2) 3/0–750 kcmil Al/Cu	GTB08P1MB
1200	78.00 (1981.2)	36.00 (914.4)	24.00 (609.6)	(4) Provisions per phase	(4) 4/0–500 kcmil Al/Cu	GTB12P2MC
				(4) Provisions per phase	(3) 3/0–750 kcmil Al/Cu	GTB12P2MD
1600	78.00 (1981.2)	36.00 (914.4)	24.00 (609.6)	(5) Provisions per phase	(5) 4/0–500 kcmil Al/Cu	GTB16P3ME
				(5) Provisions per phase	(4) 3/0–750 kcmil Al/Cu	GTB16P3MF
2000	78.00 (1981.2)	36.00 (914.4)	24.00 (609.6)	(6) Provisions per phase	(6) 4/0–500 kcmil Al/Cu	GTB20P4MG
				(6) Provisions per phase	(5) 3/0–750 kcmil Al/Cu	GTB20P4MH
2500	78.00 (1981.2)	36.00 (914.4)	24.00 (609.6)	(8) Provisions per phase	(8) 4/0–500 kcmil Al/Cu	GTB25P5MJ
				(8) Provisions per phase	(7) 3/0–750 kcmil Al/Cu	GTB25P5MK

Roll-Up Generator Termination Box with Line Single-Hole Compression Lug Provisions; Load Single-Hole Compression Lugs ①③

Ampere Rating	Dimensions			Single-Hole Compression Line Provisions Only Number and Range	Single-Hole Compression Load Termination Number, Range and Type	Catalog Number
	Height	Width	Depth			
800	78.00 (1981.2)	36.00 (914.4)	24.00 (609.6)	(3) Provisions per phase	(3) 4/0–500 kcmil Al/Cu	GTB08P1CA
				(3) Provisions per phase	(2) 3/0–750 kcmil Al/Cu	GTB08P1CB
1200	78.00 (1981.2)	36.00 (914.4)	24.00 (609.6)	(4) Provisions per phase	(4) 4/0–500 kcmil Al/Cu	GTB12P2CC
				(4) Provisions per phase	(3) 3/0–750 kcmil Al/Cu	GTB12P2CD
1600	78.00 (1981.2)	36.00 (914.4)	24.00 (609.6)	(5) Provisions per phase	(5) 4/0–500 kcmil Al/Cu	GTB16P3CE
				(5) Provisions per phase	(4) 3/0–750 kcmil Al/Cu	GTB16P3CF
2000	78.00 (1981.2)	36.00 (914.4)	24.00 (609.6)	(6) Provisions per phase	(6) 4/0–500 kcmil Al/Cu	GTB20P4CG
				(6) Provisions per phase	(5) 3/0–750 kcmil Al/Cu	GTB20P4CH
2500	78.00 (1981.2)	36.00 (914.4)	24.00 (609.6)	(8) Provisions per phase	(8) 4/0–500 kcmil Al/Cu	GTB25P5CJ
				(8) Provisions per phase	(7) 3/0–750 kcmil Al/Cu	GTB25P5CK

Notes

- ① Line side factory installed 3/8-inch bolt provisions for single-hole compression lugs (lugs furnished by others).
 ② Load side mechanical lugs are factory selected and installed.
 ③ Load side Anderson, single-hole compression lugs are factory selected and installed.

15.5

Switchboards

Roll-Up Generator Termination Box

Approximate Dimensions in Inches (mm)

Roll-Up Generator Termination Box with Line Single-Hole Compression Lug Provisions; Load Two-Hole Compression Lugs ^{①②③}

Ampere Rating	Dimensions Height	Width	Depth	Single-Hole Compression Line Provisions Only Number and Range	Two-Hole Compression Load Termination Cu Only Wire Size	Catalog Number
800	78.00 (1981.2)	45.00 (1143.0)	24.00 (609.6)	(3) 4/0–500 kcmil	(3) 350 kcmil Cu only	GTB08P1CL
				(3) 4/0–500 kcmil	(3) 400 kcmil Cu only	GTB08P1CM
1200	78.00 (1981.2)	45.00 (1143.0)	24.00 (609.6)	(4) 4/0–500 kcmil	(4) 500 kcmil Cu only	GTB12P2CN
				(4) 4/0–500 kcmil	(3) 600 kcmil Cu only	GTB12P2CP
				(4) 4/0–500 kcmil	(3) 750 kcmil Cu only	GTB12P2CQ
1600	78.00 (1981.2)	45.00 (1143.0)	24.00 (609.6)	(5) 4/0–500 kcmil	(5) 500 kcmil Cu only	GTB16P3CR
				(5) 4/0–500 kcmil	(4) 600 kcmil Cu only	GTB16P3CS
				(5) 4/0–500 kcmil	(4) 750 kcmil Cu only	GTB16P3CT
2000	78.00 (1981.2)	45.00 (1143.0)	24.00 (609.6)	(6) 4/0–500 kcmil	(6) 500 kcmil Cu only	GTB20P4CU
				(6) 4/0–500 kcmil	(5) 600 kcmil Cu only	GTB20P4CU
				(6) 4/0–500 kcmil	(5) 750 kcmil Cu only	GTB20P4CW
2500	78.00 (1981.2)	45.00 (1143.0)	24.00 (609.6)	(8) 4/0–500 kcmil	(7) 500 kcmil Cu only	GTB25P5CX
				(8) 4/0–500 kcmil	(6) 600 kcmil Cu only	GTB25P5CY
				(8) 4/0–500 kcmil	(6) 750 kcmil Cu only	GTB25P5CZ

Roll-Up Generator Termination Box with Line Single-Hole Compression Lug Provisions; Load Single-Hole Compression Lugs ^④

Ampere Rating	Dimensions Height	Width	Depth	Single-Hole Compression Line Provisions Only Number and Range	Single-Hole Compression Load Provisions Only Number and Range	Catalog Number
800	78.00 (1981.2)	36.00 (914.4)	24.00 (609.6)	(3) Provisions per phase	(3) Provisions per phase	GTB08P1P1
1200	78.00 (1981.2)	36.00 (914.4)	24.00 (609.6)	(4) Provisions per phase	(4) Provisions per phase	GTB12P2P2
1600	78.00 (1981.2)	36.00 (914.4)	24.00 (609.6)	(5) Provisions per phase	(5) Provisions per phase	GTB16P3P3
2000	78.00 (1981.2)	36.00 (914.4)	24.00 (609.6)	(6) Provisions per phase	(6) Provisions per phase	GTB20P4P4
2500	78.00 (1981.2)	36.00 (914.4)	24.00 (609.6)	(8) Provisions per phase	(8) Provisions per phase	GTB25P5P5

Notes

- ① Line side factory installed 3/8-inch bolt provisions for single-hole compression lugs (lugs furnished by others).
- ② Load side factory installed Burndy, two-hole, short barrel compression lugs suitable for copper wire only.
- ③ Requires 45-inch (1143.0 mm) wide enclosure.
- ④ Line and load side factory installed 3/8-inch bolt provisions for single-hole compression lugs (lugs furnished by others).

Roll-Up Generator Termination Box

Approximate Dimensions in Inches (mm)

Roll-Up Generator Termination Box with Line Single-Hole Compression Lug Provisions; Load Provisions Only, Two-Hole Compression Lugs ^{①②③}

Ampere Rating	Dimensions			Single-Hole Compression Line Provisions Only Number and Range	Two-Hole Compression Load Provisions Only Number and Range	Catalog Number
	Height	Width	Depth			
800	78.00 (1981.2)	45.00 (1143.0)	24.00 (609.6)	(3) Provisions per phase	(3) Provisions per phase	GTB08P1PA
1200	78.00 (1981.2)	45.00 (1143.0)	24.00 (609.6)	(4) Provisions per phase	(4) Provisions per phase	GTB12P2PB
1600	78.00 (1981.2)	45.00 (1143.0)	24.00 (609.6)	(5) Provisions per phase	(5) Provisions per phase	GTB16P3PC
2000	78.00 (1981.2)	45.00 (1143.0)	24.00 (609.6)	(6) Provisions per phase	(6) Provisions per phase	GTB20P4PD
2500	78.00 (1981.2)	45.00 (1143.0)	24.00 (609.6)	(8) Provisions per phase	(8) Provisions per phase	GTB25P5PE

Roll-Up Generator Termination Box with Line Single-Hole Compression Lug Provisions; Load Mechanical Box Lugs ^{②③④}

Ampere Rating	Dimensions			Two-Hole Compression Line Provisions Only Number and Range	Mechanical Box Lugs Load Termination Number, Range and Type	Catalog Number
	Height	Width	Depth			
800	78.00 (1981.2)	45.00 (1143.0)	24.00 (609.6)	(3) Provisions per phase	(3) 4/0–500 kcmil	GTB08PAMA
				(3) Provisions per phase	(2) 3/0–750 kcmil	GTB08PAMB
1200	78.00 (1981.2)	45.00 (1143.0)	24.00 (609.6)	(4) Provisions per phase	(4) 4/0–500 kcmil	GTB12PBMC
				(4) Provisions per phase	(3) 3/0–750 kcmil	GTB12PBMD
1600	78.00 (1981.2)	45.00 (1143.0)	24.00 (609.6)	(5) Provisions per phase	(5) 4/0–500 kcmil	GTB16PCME
				(5) Provisions per phase	(4) 3/0–750 kcmil	GTB16PCMF
2000	78.00 (1981.2)	45.00 (1143.0)	24.00 (609.6)	(6) Provisions per phase	(6) 4/0–500 kcmil	GTB20PDMG
				(6) Provisions per phase	(5) 3/0–750 kcmil	GTB20PDH
2500	78.00 (1981.2)	45.00 (1143.0)	24.00 (609.6)	(8) Provisions per phase	(8) 4/0–500 kcmil	GTB25PEMJ
				(8) Provisions per phase	(7) 3/0–750 kcmil	GTB25PEMK

Roll-Up Generator Termination Box with Line Two-Hole Compression Lug Provisions; Load Single-Hole Compression Lugs ^{②③⑤}

Ampere Rating	Dimensions			Two-Hole Compression Line Provisions Only Number and Range	Single-Hole Compression Load Termination Number, Range and Type	Catalog Number
	Height	Width	Depth			
800	78.00 (1981.2)	45.00 (1143.0)	24.00 (609.6)	(3) Provisions per phase	(3) 4/0–500 kcmil Al/Cu	GTB08PACA
				(3) Provisions per phase	(2) 3/0–750 kcmil Al/Cu	GTB08PACB
1200	78.00 (1981.2)	45.00 (1143.0)	24.00 (609.6)	(4) Provisions per phase	(4) 4/0–500 kcmil Al/Cu	GTB12PBCC
				(4) Provisions per phase	(3) 3/0–750 kcmil Al/Cu	GTB12PBCE
1600	78.00 (1981.2)	45.00 (1143.0)	24.00 (609.6)	(5) Provisions per phase	(5) 4/0–500 kcmil Al/Cu	GTB16PCCE
				(5) Provisions per phase	(4) 3/0–750 kcmil Al/Cu	GTB16PCCF
2000	78.00 (1981.2)	45.00 (1143.0)	24.00 (609.6)	(6) Provisions per phase	(6) 4/0–500 kcmil Al/Cu	GTB20PDCG
				(6) Provisions per phase	(5) 3/0–750 kcmil Al/Cu	GTB20PDCH
2500	78.00 (1981.2)	45.00 (1143.0)	24.00 (609.6)	(8) Provisions per phase	(8) 4/0–500 kcmil Al/Cu	GTB25PECJ
				(8) Provisions per phase	(7) 3/0–750 kcmil Al/Cu	GTB25PECK

Notes

- ① Line side factory installed 3/8-inch bolt provisions for single-hole compression lugs (lugs furnished by others).
- ② Load side factory installed 1/2-inch bolt provisions on 1-3/4-inch hole centers for two-hole compression lugs (lugs furnished by others).
- ③ Requires 45-inch (1143.0 mm) wide enclosure.
- ④ Load side mechanical lugs are factory selected and installed.
- ⑤ Load side Anderson, single-hole compression lugs are factory selected and installed.

15.5

Switchboards

Roll-Up Generator Termination Box

Approximate Dimensions in Inches (mm)

Roll-Up Generator Termination Box with Line Two-Hole Compression Lug Provisions; Load Two-Hole Compression Lugs ^{①②③}

Ampere Rating	Dimensions			Two-Hole Compression Line Provisions Only Number and Range	Two-Hole Compression Load Termination Cu Only Wire Size	Catalog Number
	Height	Width	Depth			
800	78.00 (1981.2)	45.00 (1143.0)	24.00 (609.6)	(3) Provisions per phase	(3) 350 kcmil Cu only	GTB08PACL
				(3) Provisions per phase	(3) 400 kcmil Cu only	GTB08PACM
1200	78.00 (1981.2)	45.00 (1143.0)	24.00 (609.6)	(4) Provisions per phase	(4) 500 kcmil Cu only	GTB12PBCN
				(4) Provisions per phase	(3) 600 kcmil Cu only	GTB12PBPCP
				(4) Provisions per phase	(3) 750 kcmil Cu only	GTB12PBCQ
1600	78.00 (1981.2)	45.00 (1143.0)	24.00 (609.6)	(5) Provisions per phase	(5) 500 kcmil Cu only	GTB16PCCR
				(5) Provisions per phase	(4) 600 kcmil Cu only	GTB16PCCS
				(5) Provisions per phase	(4) 750 kcmil Cu only	GTB16PCCT
2000	78.00 (1981.2)	45.00 (1143.0)	24.00 (609.6)	(6) Provisions per phase	(6) 500 kcmil Cu only	GTB20PDCU
				(6) Provisions per phase	(5) 600 kcmil Cu only	GTB20PDCU
				(6) Provisions per phase	(5) 750 kcmil Cu only	GTB20PDCW
2500	78.00 (1981.2)	45.00 (1143.0)	24.00 (609.6)	(8) Provisions per phase	(7) 500 kcmil Cu only	GTB25PECX
				(8) Provisions per phase	(6) 600 kcmil Cu only	GTB25PECY
				(8) Provisions per phase	(6) 750 kcmil Cu only	GTB25PECZ

Roll-Up Generator Termination Box with Line Two-Hole Compression Lug Provisions; Load Single-Hole Compression Lugs ^{①③④}

Ampere Rating	Dimensions			Two-Hole Compression Line Provisions Only Number and Range	Single-Hole Compression Load Provisions Only Number and Range	Catalog Number
	Height	Width	Depth			
800	78.00 (1981.2)	45.00 (1143.0)	24.00 (609.6)	(3) Provisions per phase	(3) Provisions per phase	GTB08PAP1
1200	78.00 (1981.2)	45.00 (1143.0)	24.00 (609.6)	(4) Provisions per phase	(4) Provisions per phase	GTB12PBP2
1600	78.00 (1981.2)	45.00 (1143.0)	24.00 (609.6)	(5) Provisions per phase	(5) Provisions per phase	GTB16PCP3
2000	78.00 (1981.2)	45.00 (1143.0)	24.00 (609.6)	(6) Provisions per phase	(6) Provisions per phase	GTB20PDP4
2500	78.00 (1981.2)	45.00 (1143.0)	24.00 (609.6)	(8) Provisions per phase	(8) Provisions per phase	GTB25PEP5

Roll-Up Generator Termination Box with Line Two-Hole Compression Lug Provisions; Load Two-Hole Compression Lugs Provisions ^{③⑤}

Ampere Rating	Dimensions			Two-Hole Compression Line Provisions Only Number and Range	Two-Hole Compression Load Provisions Only Number and Range	Catalog Number
	Height	Width	Depth			
800	78.00 (1981.2)	45.00 (1143.0)	24.00 (609.6)	(3) Provisions per phase	(3) Provisions per phase	GTB08PAPA
1200	78.00 (1981.2)	45.00 (1143.0)	24.00 (609.6)	(4) Provisions per phase	(4) Provisions per phase	GTB12PBPB
1600	78.00 (1981.2)	45.00 (1143.0)	24.00 (609.6)	(5) Provisions per phase	(5) Provisions per phase	GTB16PCPC
2000	78.00 (1981.2)	45.00 (1143.0)	24.00 (609.6)	(6) Provisions per phase	(6) Provisions per phase	GTB20PDPD
2500	78.00 (1981.2)	45.00 (1143.0)	24.00 (609.6)	(8) Provisions per phase	(8) Provisions per phase	GTB25PEPE

Notes

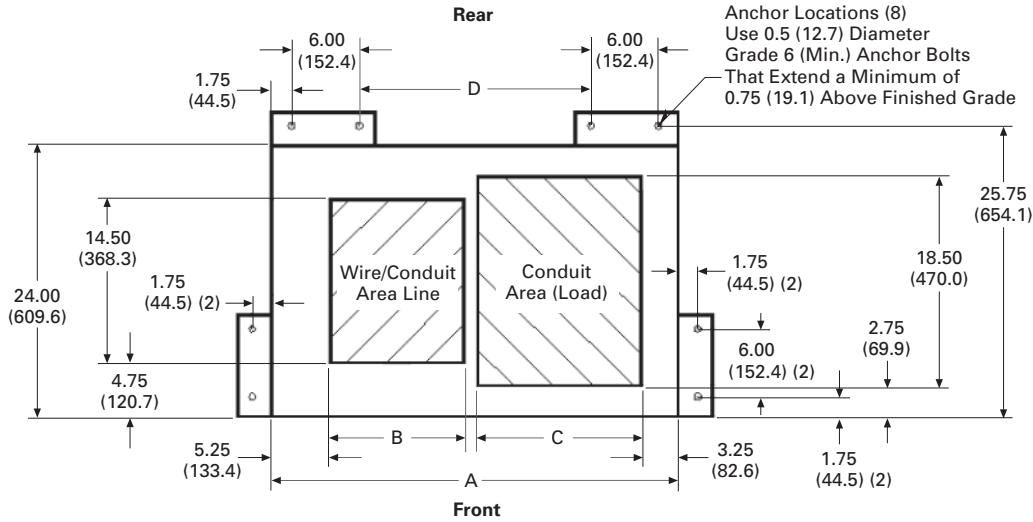
- ① Line side factory installed 1/2-inch bolt provisions on 1-3/4-inch hole centers for two-hole compression lugs (lugs furnished by others).
- ② Load side factory installed Burndy, two-hole, short barrel compression lugs suitable for copper wire only.
- ③ Requires 45-inch (1143.0 mm) wide enclosure.
- ④ Load side factory installed 3/8-inch bolt provisions for 1-hole compression lugs (lugs furnished by others).
- ⑤ Line and load side factory installed 1/2-inch bolt provisions on 1-3/4-inch hole centers for two-hole compression lugs (lugs furnished by others).

15

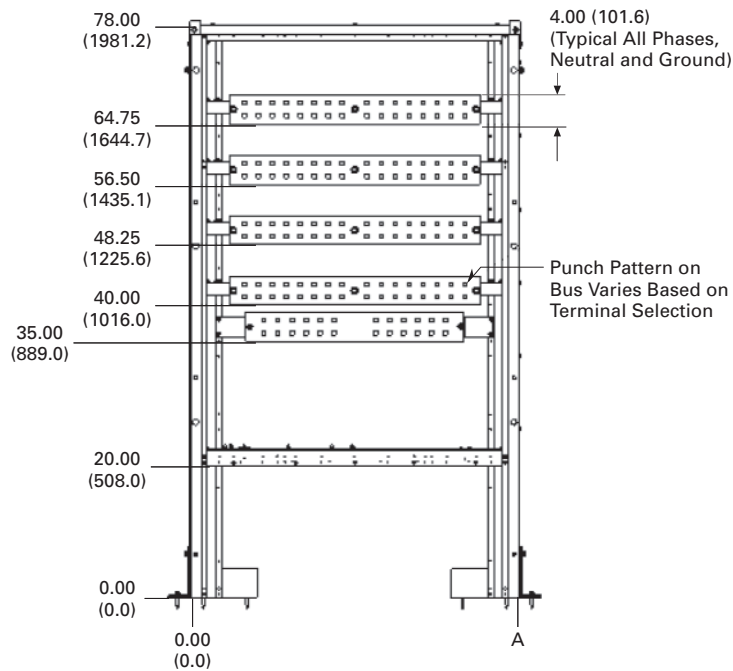
Dimensions

Approximate Dimensions in Inches (mm)

Enclosure



Termination/Lug Landing



Enclosure Dimensions ①

Structure Width	A	B	C	D
36.00 (914.4)	28.00 (711.2)	11.75 (298.5)	14.50 (368.3)	20.50 (520.7)
45.00 (1143.0)	45.00 (1143.0)	18.25 (463.6)	18.00 (457.2)	28.50 (723.9)

Termination/Lug Landing Dimensions

Structure Width	A
36.00 (914.4)	36.00 (914.4)
45.00 (1143.0)	45.00 (1143.0)

Note

① Conduit landing surface will be 20.00 (508.0) above finished grade.

15.5

Switchboards

Roll-Up Generator Termination Box