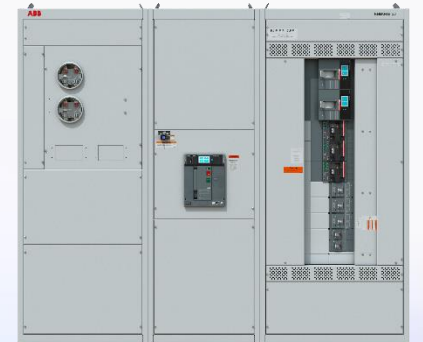




ReliaGear® SB - Fast Shipping Options

MAY 2025

EXcelerate, Configured, Merchandised & On Demand
Switchboards



**ENGINEERED
TO OUTFIT**

Different projects different cycles

Time vs Complexity: Your Choice



Brand: ReliaGear® SB

Program	On demand	Merchandised	EV Grid-to-Charger	EXcelerate	Configured	Engineered	
Lead time	2/10 weeks	7 weeks	15 weeks	🕒🕒	🕒🕒🕒	🕒🕒🕒🕒	🕒🕒🕒🕒🕒
PFA (if needed)	not required	not required	not required	not required	not required	4 weeks	6 weeks
Type	SKU	SKU	SKU	Configured to Order	Configured to Order	Engineered to Order	Engineered to Order
Configurations	7	14	6	~6,000	~6,000	Over 1M	Over 1M
Current max (Amps)	4,000	4,000	4,000	4,000	4,000	6,000	6,000
Enclosure options (NEMA)	N1/N3R	N1/N3R	N3R	N1/N3R	N1/N3R	N1/N3R	N1/N3R
Interrupting rating	100kAIC	100kAIC	65 kAIC	65/100kAIC	65/100kAIC	Up to 150kAIC ²	Up to 150kAIC ²
Voltage max (Volts)	480V AC	480V AC	480V AC	600V AC	600V AC	600V AC	600V AC
Utility sections	NO	YES ¹ (2000 & 4000A)	YES ¹ (2000 & 4000A)	YES	YES	YES	YES

¹ EUSERC utility only

² 200kAIC with fuses

ReliaGear® SB – Fast shipping options

Fast switchboard choices available from ABB

ReliaGear® SB – Configured

- Configured switchboard lead time is faster than engineered with similar price for **best value**
- Configured-to-Order switchboards are made by pre-configured sub-assemblies for simple to mid complexity switchboards
- Eliminates time-consuming engineering activities prior to manufacturing
- ABB empower choices; Volts, Amps, IC ratings, CU or AL, NEMA 1 or 3R, top or bottom, EUSERC or Other Utility & more

ReliaGear® SB – EXcelerate

- EXcelerate lead time is **2X faster** than engineered
- Same pre-configured sub-assemblies that can be combined to realize simple and mid complexity switchboards
- Eliminates time-consuming engineering activities prior to manufacturing
- **Fast lead times and great flexibility with 6,000+ preconfigured options available in empower**

ReliaGear® SB – On Demand

- Multiple dedicated part numbers
- Main circuit breaker is SACE® Emax 2
- Bussing design for compact dimensions
 - **On Demand**
 - 2 weeks
 - Price premium
 - **On Demand Mid cycle**
 - 10 weeks
 - Price reduction vs On Demand

AVAILABLE IN EMPOWER QUOTE

AVAILABLE IN EMPOWER FLOW &
EMPOWER QUOTE

ReliaGear® SB – EXcelerate & Configured

Configured-to-Order fast shipping options

Executive summary

ReliaGear® SB – EXcelerate & Configured



Modular configured-to-order offerings have been added to ABB empower.

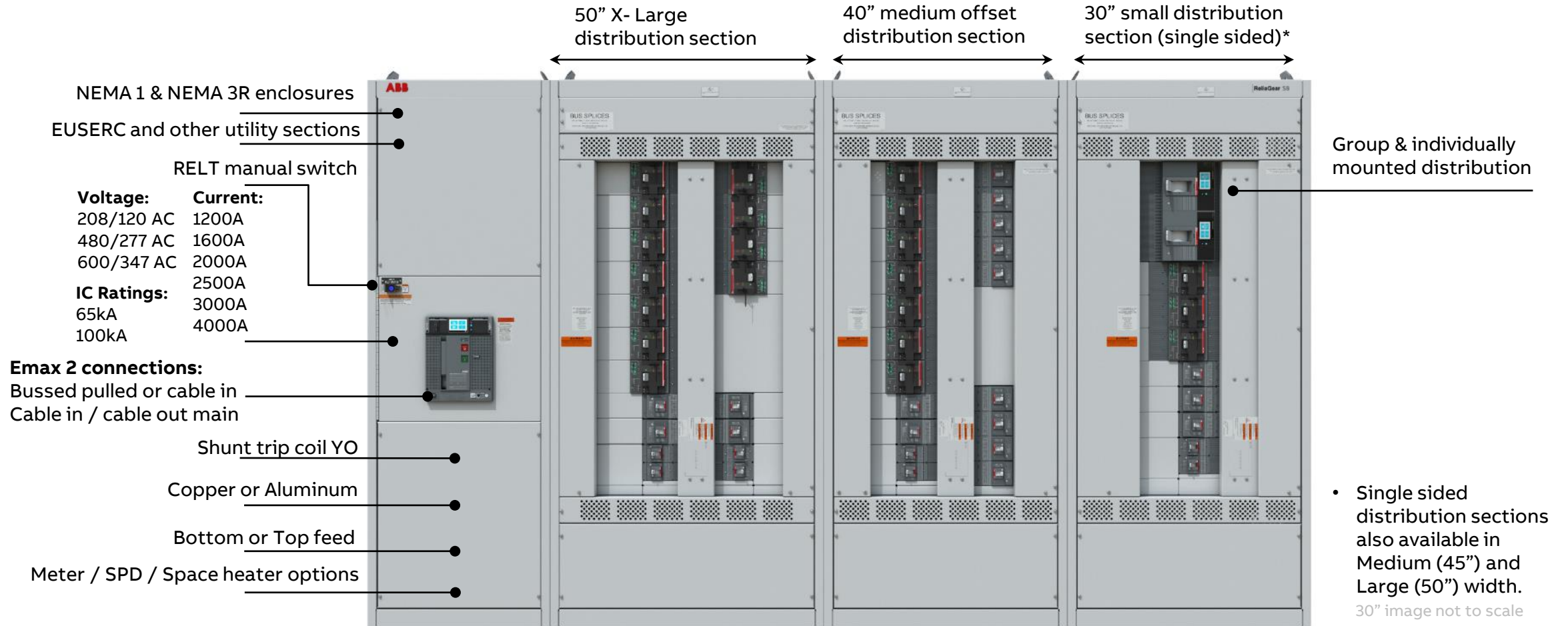
- **Configured** switchboards will allow standardization and efficient stocking strategies, like EXcelerate scope, to target **faster than engineered switchboard lead times**
- Configured is **aggressively priced** for **best value**
- **EXcelerate** premium-priced and **2X fast lead times**
- Customers can access Configured & EXcelerate in the same **ABB empower configurator** they are using today
- Select up to **6,000+ combinations** available



EXcelerate is still the fastest pre-configured choice at 2X fast lead times

ReliaGear® SB EXcelerate & Configured Scope – General

What is included in the Configured-to-Order offerings



ReliaGear® SB – EXcelerate & Configured Scope - Additional

Additional sectional options for Main and Feeder

Group Mounted Main (GMM)

- Only available for 1200A main bus rating
- Allow to Group mount an XT7 in a distribution section
- Includes RELT for the main



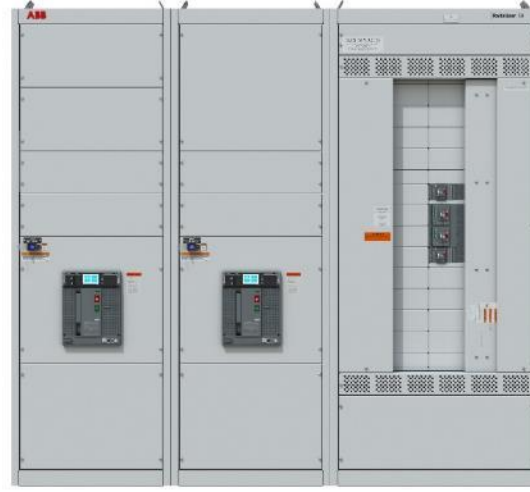
Individually Mounted Main (IMM)

- Bottom in/Top out or Top in/Bottom out version
- Bottom in/Bottom out or Top in/Top out version



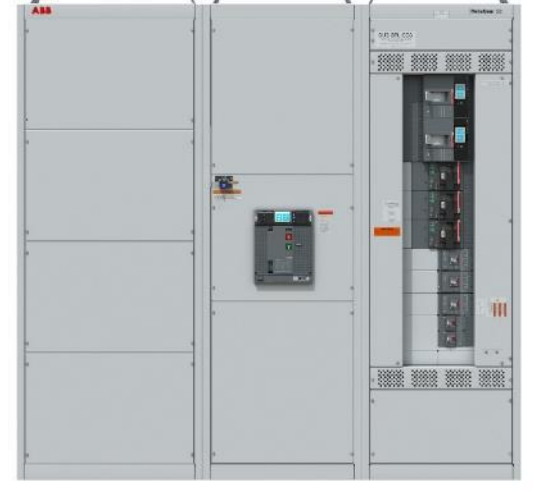
Individually Mounted Feeders

- Available for Emax breakers 1200-4000A
- RELT included with the feeder
- Ekip Touch LSIG trip unit



Feeders Only (MLO)

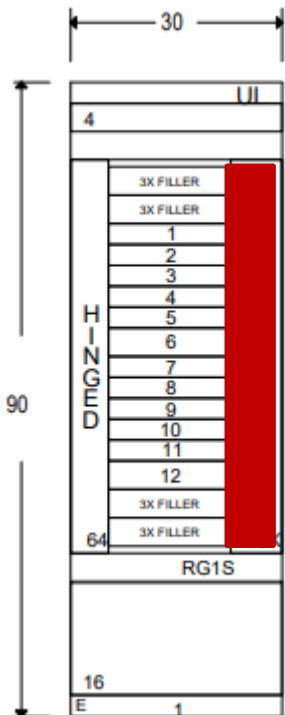
- Possible to design feeders only with this Main Lugs only section
- Feeders can be individually, or group mounted



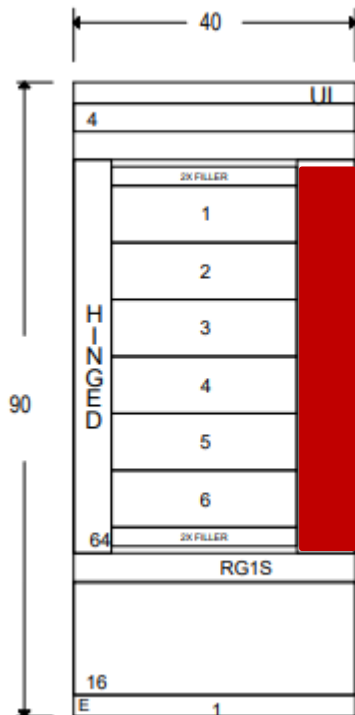
ReliaGear® SB – EXcelerate & Configured

Group Mounted Configurations with 35" depths

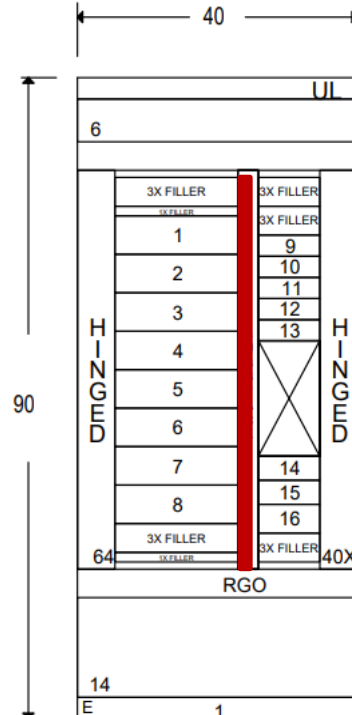
Small – 1 sided



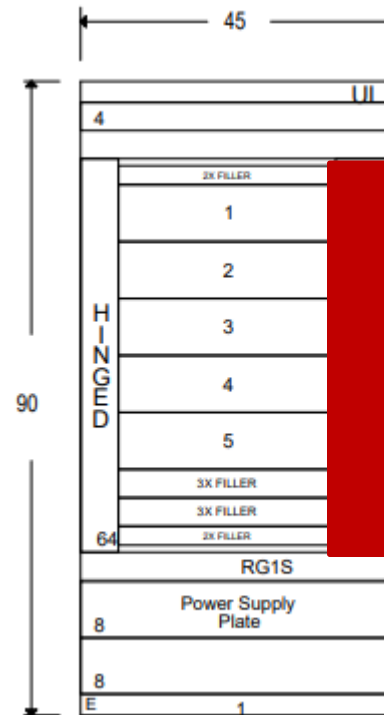
Medium - 1 sided



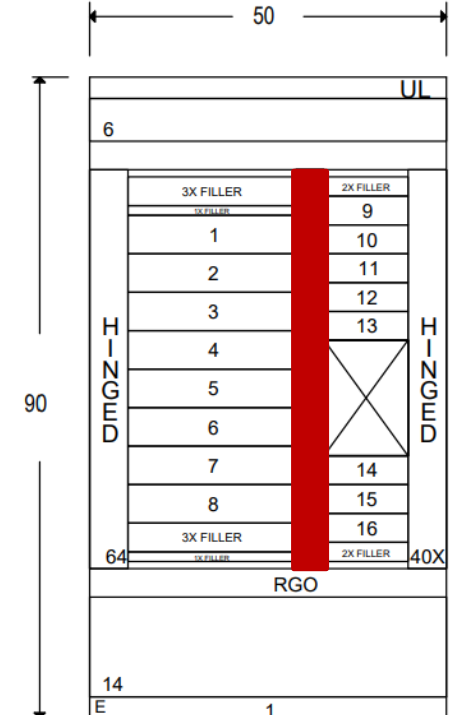
Medium - Offset



Large – 1 sided



Extra Large - Offset



Additional 15" blank section available in empower

ReliaGear® SB – EXcelerate

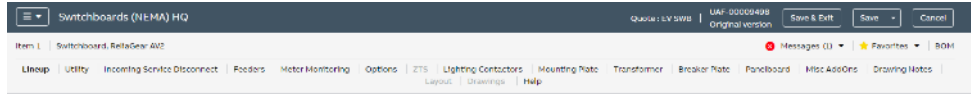
How is it so fast?

Remove Middle Step

Engineered ETO vs EXcelerate & Configured CTO Process

EMPOWER

- Customers use empower to select more than 250 input fields
 - Amps
 - Voltage
 - kAIC rating
 - NEMA 1 or 3R
 - and more
- No engineering cycle time, so faster output



Switchboards (NEMA) HQ

Quick: LV SWB UAF: 0000498 Original version Save & Edit Save Cancel

Item 1: Switchboard, BellaGear AW2

Messages (1) Favorites BOM

Lineup Utility Incoming Service Disconnect Feeders Motor Monitoring Options ZTS Lighting Contactors Mounting Note Transformer Breaker Note Panelboard Misc Add Ons Drawing Notes Layout Drawings Help

Marks (20 Characters Max) Switchboard type Standard Switchboard Panel type BellaGear (C/3 Feeders only)

Application Main Disconnect MTM Interlock Type

Ratings

Voltage 480/277 AC Phase/Wire/Hz W1/W0 HI Leg Amps 2000 Feed Type Logs/Cable

IC Rating (kAIC) 50 Bus Bracing S/C (kA) 35 Service Entrance Feed Location Top Bottom Section Alignment Front/Rear Rear Only

Rating Type Fully Service rta Incoming Location Left Center Right Left and Right

Bus

Material Aluminum Bus Plating Tin Plate Bus Density 750 A/Sq. in. Enclosure Type Type 1 Access Front Only

Ground Rating Equipment (N) With/ w/o Copper Ground Neutral Rating 100N Selected Special Mods None

Incoming and Orientation

Enclosure and Specials



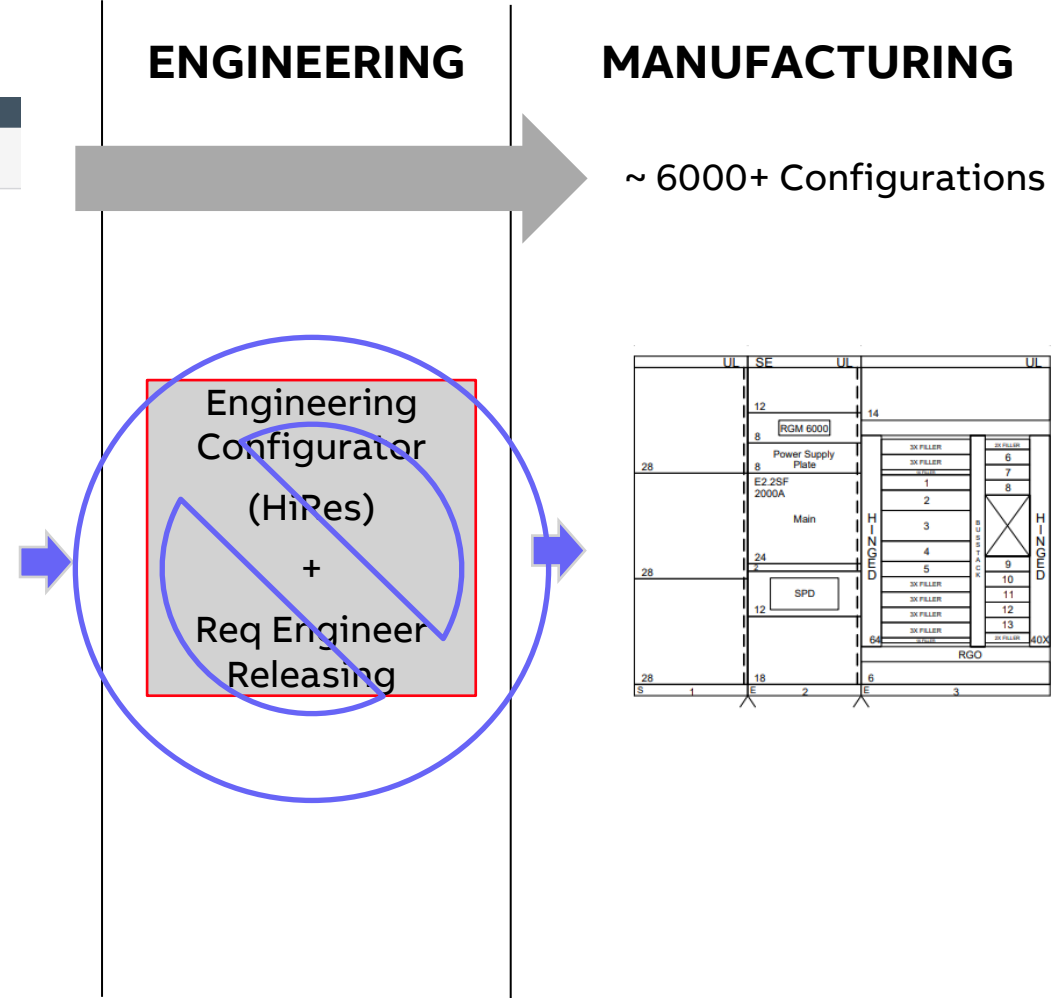
Note Number	Note Text
1	Add Coffee Machine on section 3

Add Delete Copy

Note: Drawing Notes can be a maximum of 100 characters. Additional text will be truncated.

ENGINEERING

MANUFACTURING

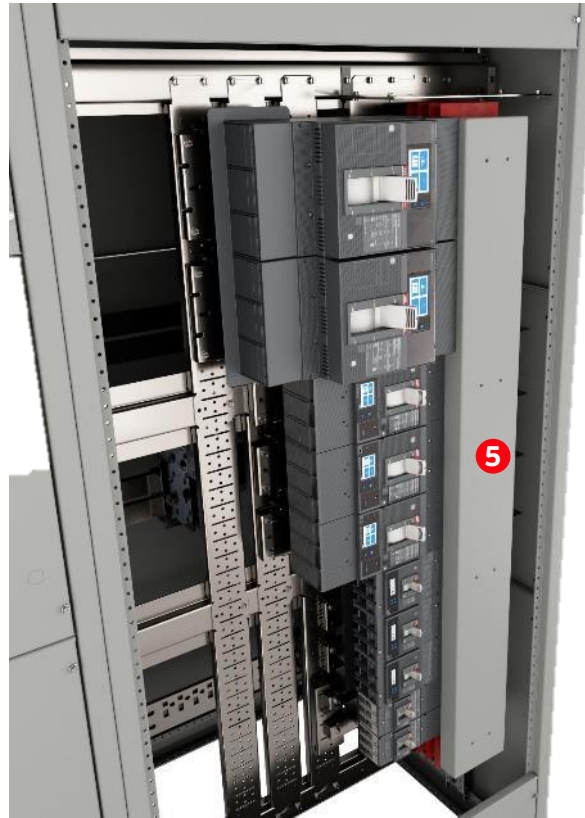


ReliaGear® SB – EXcelerate & Configured

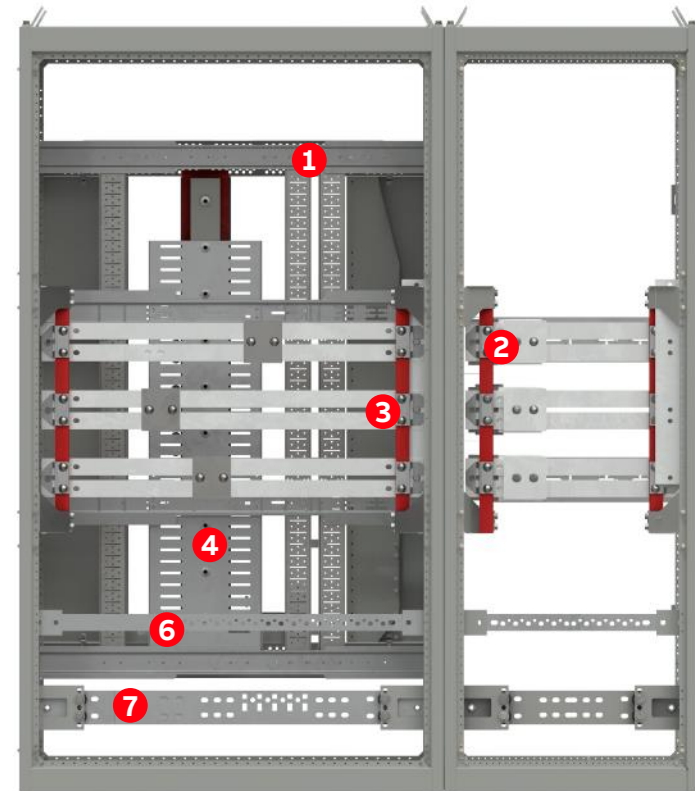
Standardized the latest ReliaGear® SB bussing designs to drive simplification across the offering

Standardized location of items

- 1 Frame
- 2 Main horizontal bus
- 3 Swing down splice plate
- 4 Backplane
- 5 Front cover*
- 6 Ground
- 7 Neutral



Front view

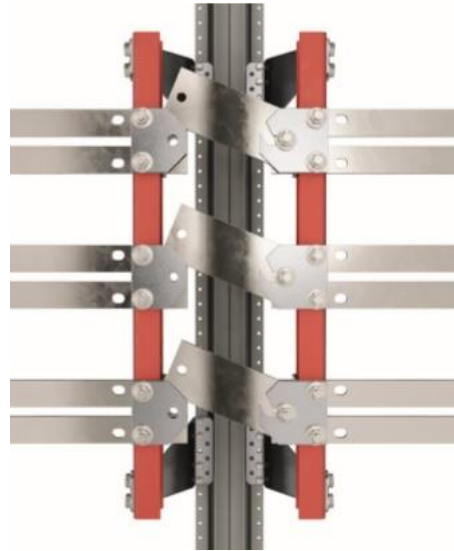


Rear view

*Do not remove

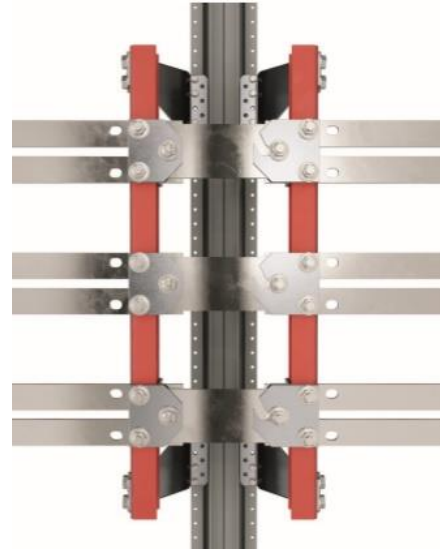
ReliaGear® SB Switchboard

Utilizes all swing down splice plate design



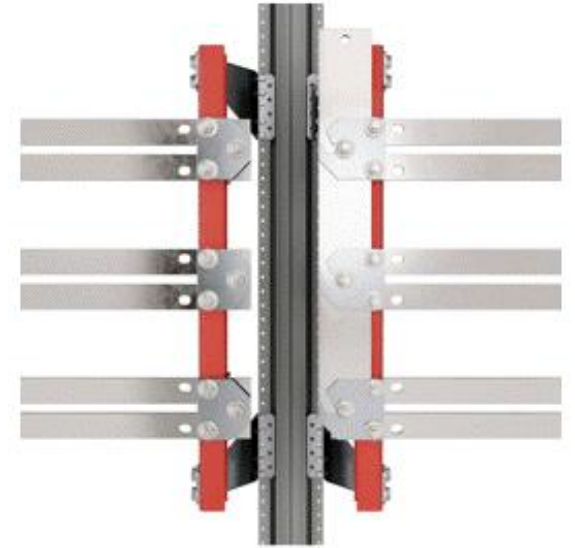
Captured plates and hardware

- Eliminates plate/bolt loss



Final position

- One bolt per joint

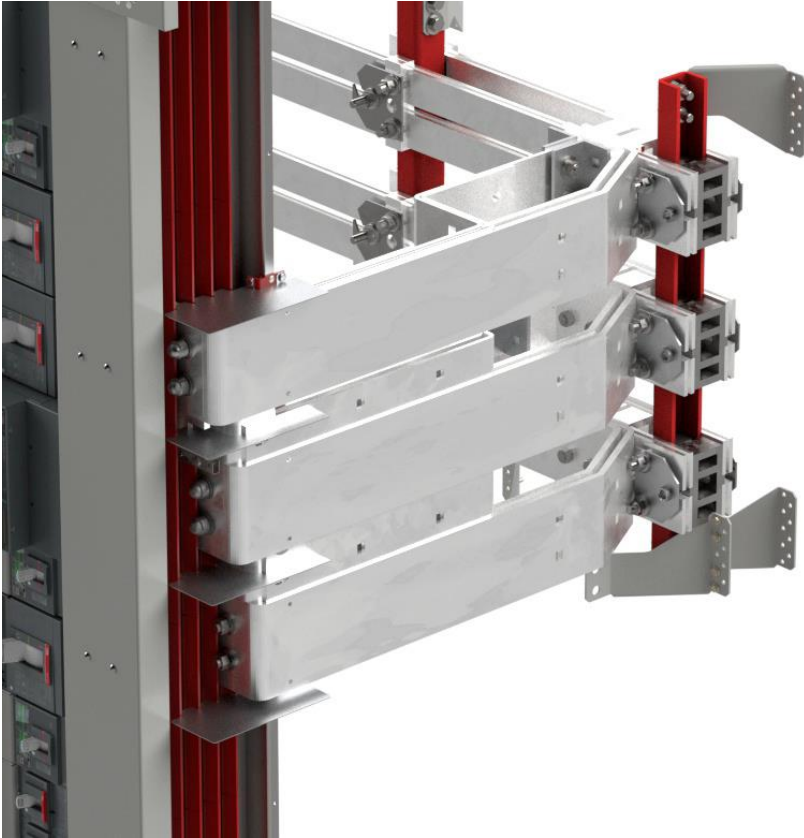


Animation

- Decreases installation time
- Easy future expansion of sections

ReliaGear® SB – EXcelerate & Configured

Utilizes updated bus stack connection for group mounted distribution sections



- New bus stack connection for distribution sections:
 - Reduces section depth
 - Simplifies complexity of connection
 - Maximizes breaker density by terminating on only one side of the bus stack
 - Fewer connections for improved thermal performance
 - Available up to 4000A

ReliaGear® SB – EXcelerate & Configured

Easy to connect breaker to bus stack



➤ Plug-in connectors into bus stack for distribution sections:

- Quick to connect
 - Plug-in SACE® Tmax® XT circuit breakers (15 to 1200A)
 - Plug-in Surge Protective Devices
 - Plug-in RELT switch
- Fast install in under 20 seconds
- Finger-safe bus stack meets IP20 standards
- Reliable spring-loaded plug-in connectors
 - Tight connection when energized
 - Eliminating torque checks
- Connect more breakers and maximize breaker density
- Easy breaker replacement

ReliaGear® SB – Circuit Breaker Options

EXcelerate & Configured

ReliaGear® SB – EXcelerate & Configured

Circuit Breaker Options

Main - Emax 2

- Fixed mount Emax 2 - E2.2, E4.2, E6.2
- Short circuit ratings - S, V and H (E6.2 only)
- Frame rating- 1200,1600, 2000, 2500, 3200, 4000
- Trip unit - Ekip Touch LSIG
- RELT
- Aux contacts- 4 Aux (4Q) 400V
- Padlock device

Feeders - SACE® Tmax- XT & Emax 2

Group Mounted (Tmax® XT)

- 40X bus stack
- Trip units
 - TMA
 - Ekip Dip LSI
 - Ekip Dip LSIG (except XT7)
 - Touch for XT7 1200A only
- Padlock device

Individually Mounted (Emax 2)

- Fixed mount Emax 2 - E2.2, E4.2, E6.2
- Trip unit - Ekip Touch LSIG
- RELT
- Aux contacts- 4 Aux (4Q) 400V
- Padlock device

SACE® Emax 2 – EXcelerate Circuit Breaker

Individually mounted main Emax 2 characteristics



- UL1066 certified
- 3 poles only, fixed only
- Ekip Touch field upgradeable trip units
- 2% energy accuracy
- Large color touch-screen display with LSIG & RELT
- Cloud-computing platform with ABB Ability™ Energy & Asset Management
- EPiC app via Bluetooth



Plug in and break out in EXcelerate

Molded case circuit-breakers



XT1

Small, reliable, versatile.
Your dependable partner
for standard applications.

At a glance:

- Up to 125A
- Up to 600V
- Thermal magnetic trip unit
- Max interrupting rating
100kA 240V, 65kA 480V



XT2

Compact yet powerful. Small size
and can deal with complex tasks.

At a glance:

- Up to 125A
- Up to 600V
- Thermal magnetic, basic
electronic trip units
- Max interrupting rating
100kA 240V & 480V



XT4

Capable of supporting both simple
and extremely complex operations.

At a glance:

- Up to 250A
- Up to 600V
- Thermal magnetic, basic
electronic trip units
- Max interrupting rating
100kA 240V & 480V, 65kA 600V

Plug in and break out in EXcelerate

Molded case circuit-breakers



XT5

Compact, powerful and flexible. Shows the world what a circuit breaker of the future can do.

At a glance:

- Up to 600A
- Up to 600V
- Thermal magnetic, basic electronic trip units
- Max interrupting rating 100kA 240V & 480V, 65kA 600V



XT6

Built to last. Handles many assignments.

At a glance:

- Up to 800A
- Up to 600V
- Thermal magnetic and basic electronic trip units
- Max interrupting rating 100kA 240V, 65kA 480V



XT7

The ultimate choice. Deals with heavy-duty demands effortlessly.

At a glance:

- Up to 1200A
- Up to 600V
- Basic and advanced electronic trip units
- Max interrupting rating 100kA 240V & 480V, 65kA 600V
- 100% rated up to 1200A¹

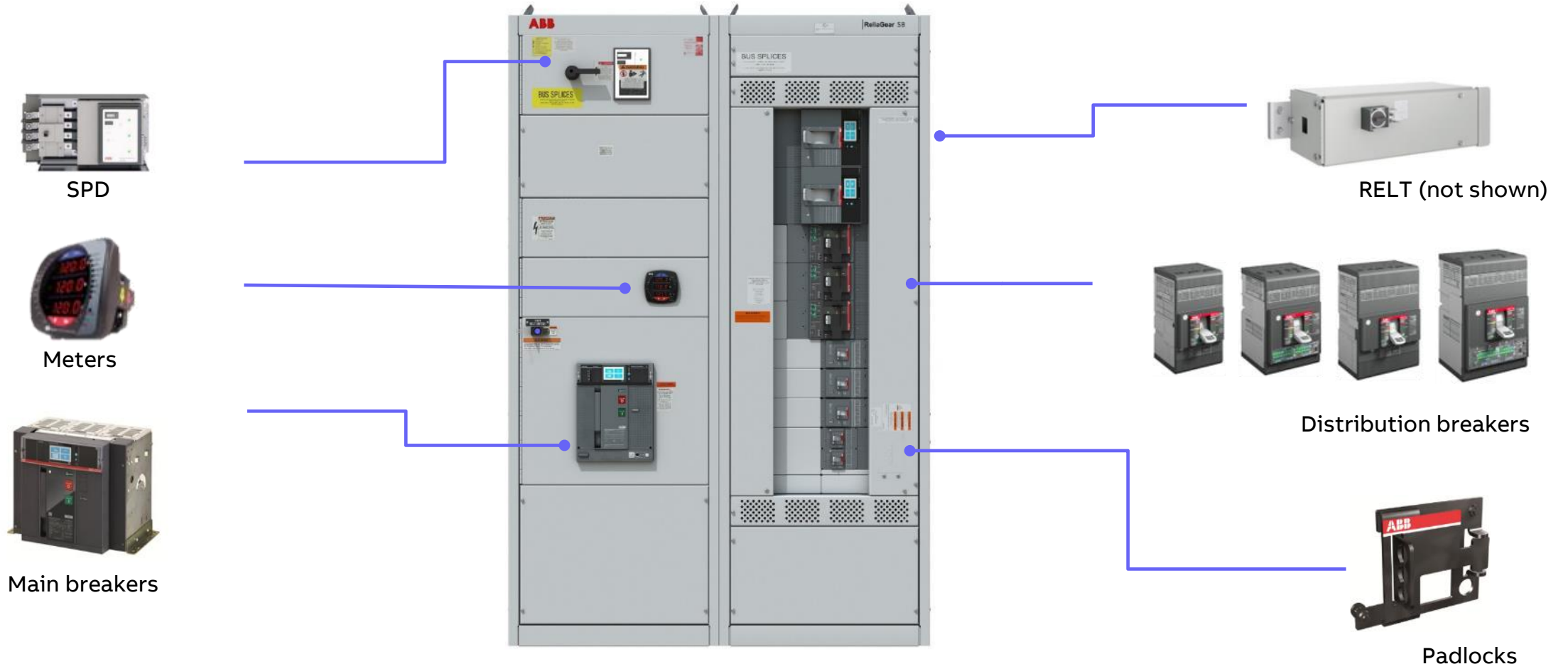
1. 100% rated XT7 1000/1200A requires conductors that are sized based on 75C with an insulation rating of 90C

ReliaGear® SB – Additional Options

EXcelerate & Configured

ReliaGear® SB – EXcelerate & Configured

Complete Configuration – Factory & Field Installable



Images not to scale

ReliaGear® SB – EXcelerate & Configured

Additional Options

Metering

- RGM2200, RGM6000, RGM6010, RGM7000
- Certification - UL and cUL

Additional Options

- Lateral Covers
- Seismic ratings
- Ground Fault CT
- Space Heaters

Metering choices

- ① RGM2200
- ② RGM6000
- ③ RGM6010
- ④ RGM7000



Basic power monitoring and submetering

- Replacement of analog meters
- Campus monitoring
- Energy management

Intermediate power quality

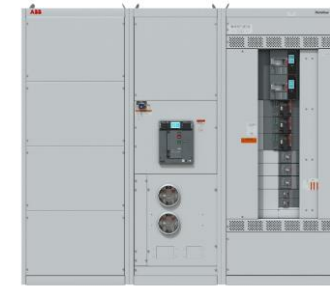
- Generator over and under voltage
- Over frequency monitoring
- Continuous monitoring
- Voltage studies

ReliaGear® SB – Utility Sections

Utility Compartments with EUSERC & Other Utilities

Utility companies in empower by switchboard type

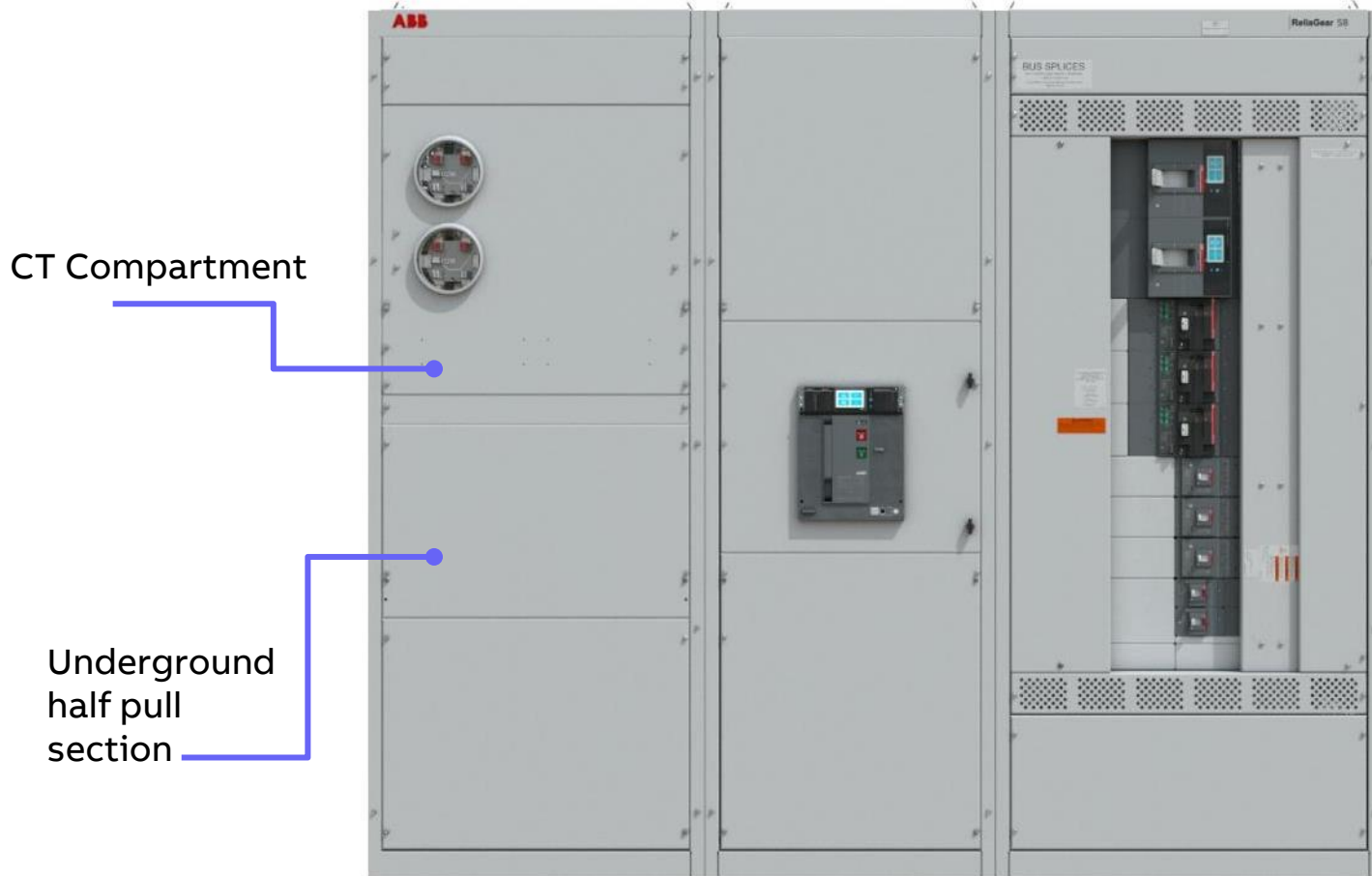
Utility company	Utility type	State(s)	Engineered	EXcelerate	Configured
<i>as of 04/15/2025</i>					
Alameda Bureau of Electricity	EUSERC	CA	X	X	X
Alliant Energy	Other	IA, WI	X		
Ameren CILCO	Other	IL	X		
Ameren CIPS	Other	IL	X		
Ameren IP	Other	IL	X		
Ameren UE	Other	MO	X		
Anaheim Public Utilities Dept.	EUSERC	CA	X	X	X
Anchorage Municipal Light & Power	EUSERC	AK	X	X	X
Anderson Municipal	Other	IN	X		
Anoka Electric Co.	Other	MN	X		
Appalachian Power Co. A.E.P.	Other	VA	X	X	X
Arizona Public Service Co.	EUSERC	AZ	X	X	X
Atco Electric	Other	AB (Canada)	X		
Atlantic Electric	Other	NJ	X		
Austin Electric Dept.	Other	TX	X	X	X
Azusa Light & Water	EUSERC	CA	X	X	X



[Religear SB Switchboard Utility Compartments website](#)

EUSERC Utility Section up to 2000A

Utility section included

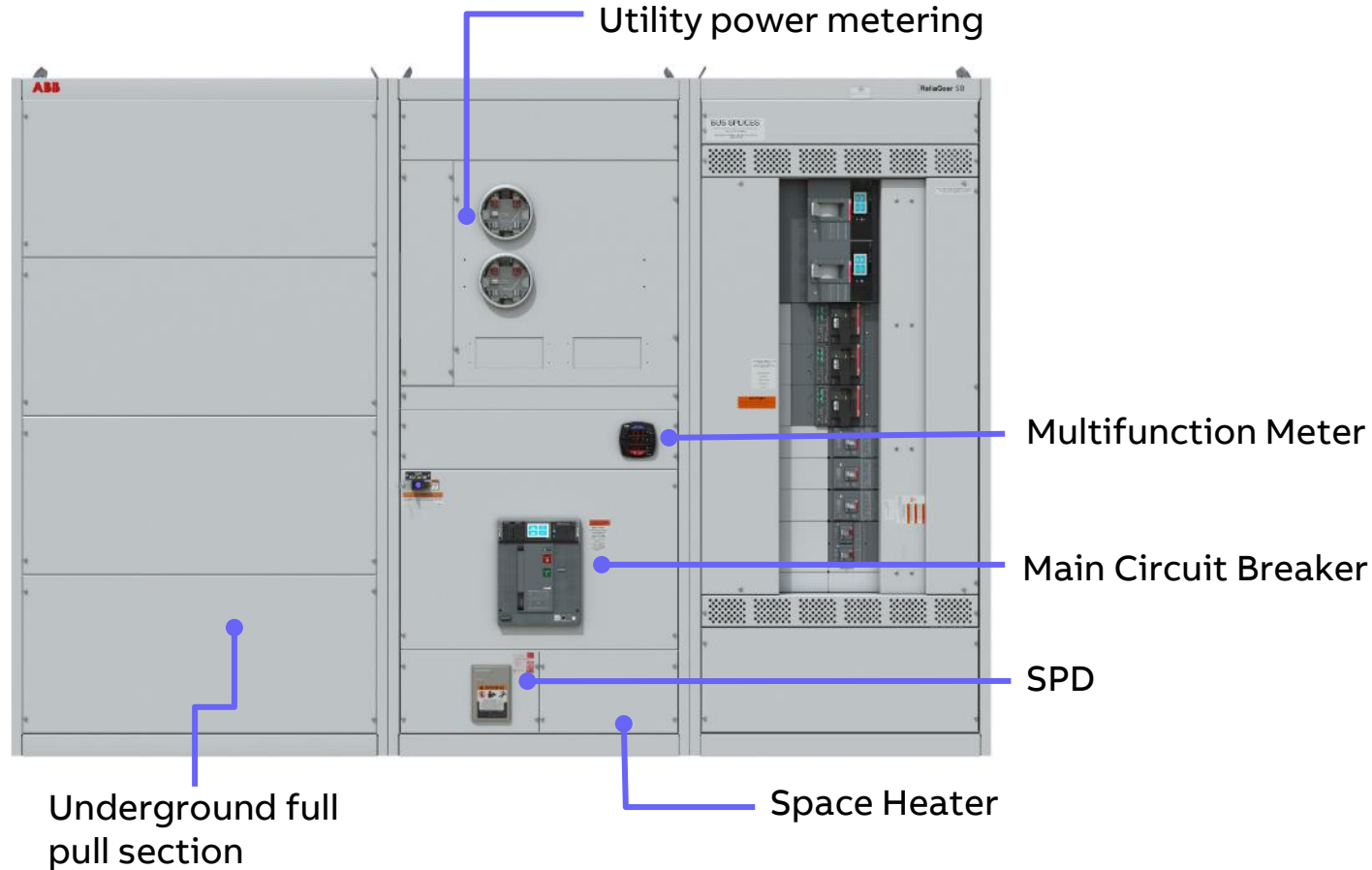


- **Intermix design section (up to 2000A):**
 - Half pull section
 - Utility power metering current transformer (CT) compartment
- 35" depth standard on NEMA 1 line
- NEMA 3R design with 11" front extension



EUSERC Utility Section 2,500A - 4,000A

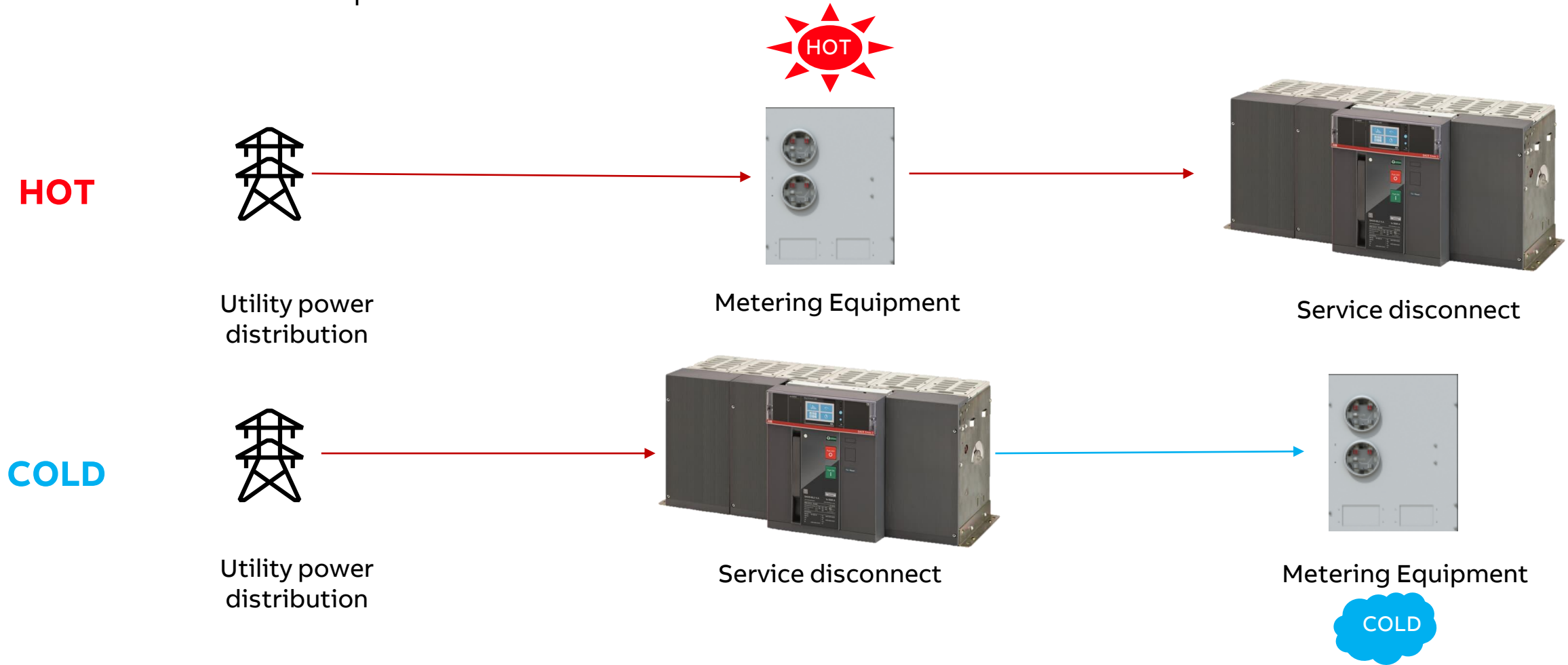
Intermix Design



- Full pull section +
- **Intermix design section (2500 to 4000A):**
 - Utility power metering current transformer (CT) compartment
 - Main circuit breaker
 - Plus accessories
- **Reduces existing footprint by one section**
- Standardized modules
- Utilizes ReliaGear® bussing

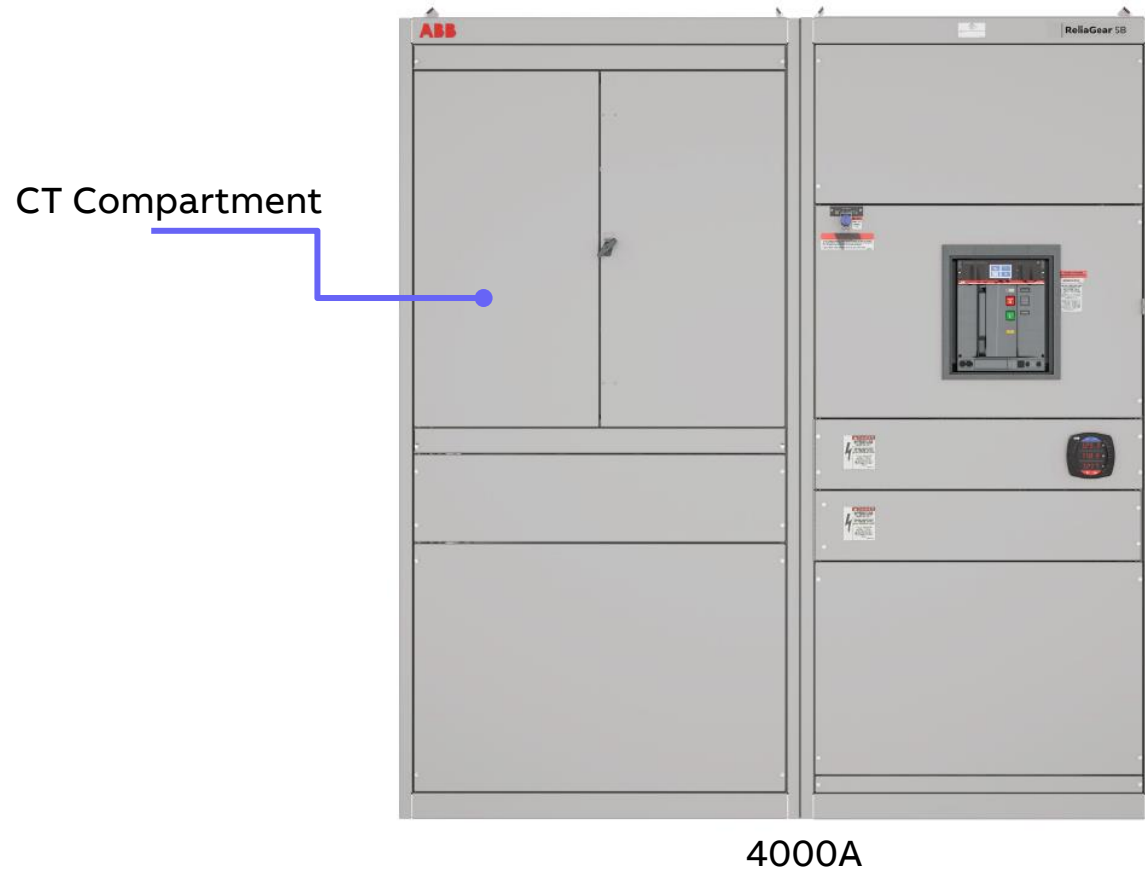
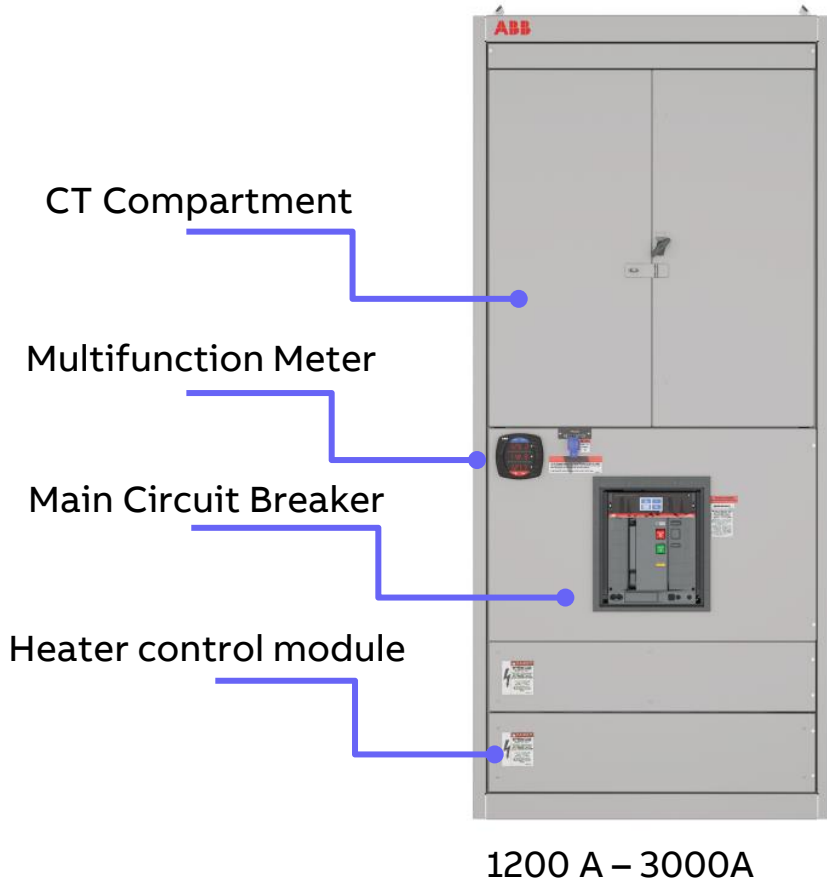
Hot & Cold Utility Designs

Hot and Cold Sequence



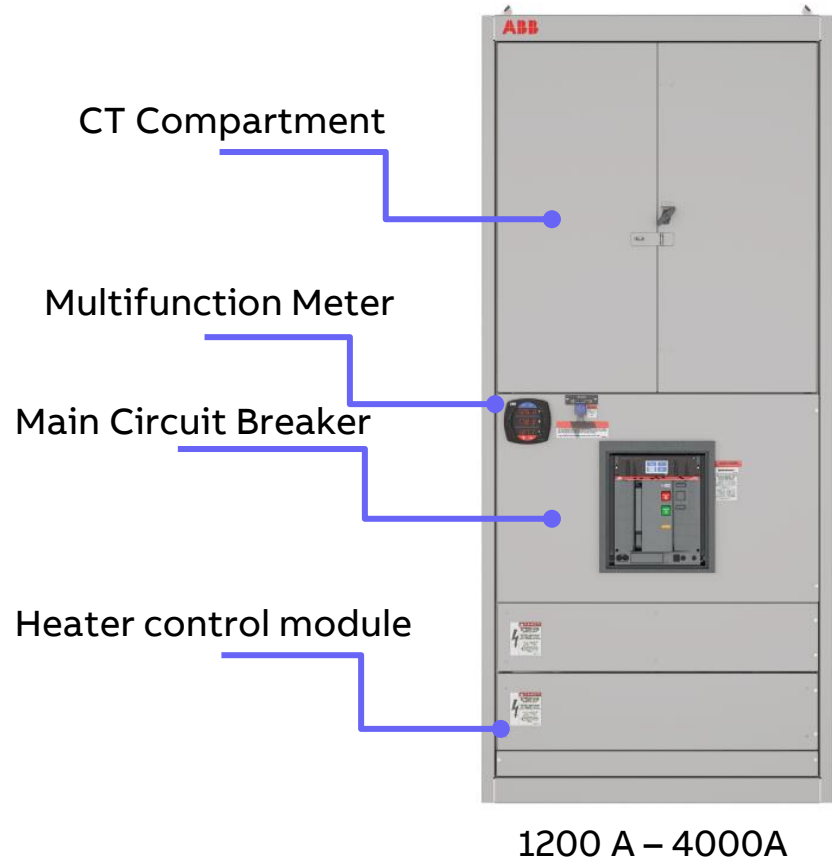
Other Utility Sections

Hot sequence



Other Utility Sections

Cold sequence



ReliaGear® SB – ABB empower

EXcelerate & Configured

ReliaGear® SB – EXcelerate & Configured

Configuration and Quotation in empower

Empower Changes

- Empower interface updated continuously as new options become available
- Selection capabilities limited for EXcelerate & Configured
- Switch from Configured-to-Order to Engineered-to-Order switchboards without losing progress



ABB empower
the power to do more

Lineup – www.empower.abb.com

Item 1 Switchboard, ReliaGear Configured, RG-GM-CBSB-CTO Messages (1) Favorites BOM

Lineup | Utility | Incoming Service Disconnect | Feeders | Meter Monitoring | Options | ZTS | Lighting Contactors | Mounting Plate | Transformer | Breaker Plate | Panelboard | Misc AddOns | Drawing Notes | Layout | Drawings | Help

Configured Switchboard covers most common configurations. For extended complexity options change Switchboard Type to Engineered Switchboard

Marks (20 Characters Max) <input type="text"/>	Switchboard Type Configured Switchboard Engineered Switchboard Complex projects with variable lead times and engineered drawings Configured Switchboard Standardized with fast lead times and immediate drawings EXcelerate Switchboard Standardized with 2X faster lead times and immediate drawings	Panel Type ReliaGear (C/B feeders only)
----------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------

Application
Main Disconnect

Ratings			Incoming and Orientation	
Voltage 480/277 AC	Phase/Wire/Hz 3/4/60	Hi Leg	Amps 1200	Feed Type Lugs/Cable
IC Rating (kAIC) 65	Bus Bracing S/C (kA) 65	<input checked="" type="checkbox"/> Service Entrance	Feed Location <input type="radio"/> Top <input checked="" type="radio"/> Bottom	Section Alignment <input checked="" type="radio"/> Front/Rear <input type="radio"/> Rear Only

ReliaGear® SB – EXcelerate & Configured

Configurator Update

- Changed standard name to “Engineered” switchboard for **complex**
- “Configured” changed to **default** switchboard type for **best value**
- “EXcelerate” switchboard type for **2X speed**

Lineup | Incoming Service Disconnect | Feeders | Meter Monitoring | Options | Layout | Drawings | Help

Marks (20 Characters Max)

Application
Main Disconnect

Switchboard Type

- Configured Switchboard x
- Engineered Switchboard
- Configured Switchboard**
- EXcelerate Switchboard
- Commercial Metering
- Assembly Center

Panel Type
ReliaGear (C/B feeders only)

MTM Interlock Type

ReliaGear® SB – EXcelerate & Configured

Configurator Selections

- Limited number of tabs and selections
- Items grayed out are out of scope for EXcelerate & Configured
- Simpler and faster selection process

The screenshot displays the ReliaGear SB configurator interface. At the top, a navigation bar contains tabs: Lineup, Incoming Service Disconnect, Feeder, Meter Monitoring, Options, Layout, Drawings, and Help. The 'Lineup' tab is highlighted with a red box. Below the navigation bar, the interface is organized into several sections:

- Marks (20 Characters Max):** A text input field.
- Switchboard Type:** A dropdown menu set to 'EXcelerate Switchboard'.
- Panel Type:** A dropdown menu set to 'ReliaGear (C/B feeders only)'.
- Application:** A dropdown menu set to 'Main Disconnect'.
- MTM Interlock Type:** A dropdown menu.
- Ratings:** A dark blue header for the ratings section.
- Incoming and Orientation:** A dark blue header for the incoming and orientation section.
- Voltage:** A dropdown menu set to '480/277 AC'.
- Phase/Wire/Hz:** A dropdown menu set to '3/4/60'.
- Hi Leg:** A dropdown menu.
- Amps:** A dropdown menu set to '1200'.
- Feed Type:** A dropdown menu set to 'Lugs/Cable'.
- IC Rating (kAIC):** A dropdown menu set to '65'.
- Bus Bracing S/C (kA):** A dropdown menu set to '65'.
- Service Entrance:** A checked checkbox.
- Feed Location:** Radio buttons for 'Top', 'Bottom', and 'Front/Rear' (selected), and 'Rear Only'.
- Section Alignment:** Radio buttons for 'Front/Rear' (selected) and 'Rear Only'.
- Rating Type:** Radio buttons for 'Fully' (selected) and 'Series'.
- Incoming Location:** Radio buttons for 'Left' (selected), 'Center', 'Right', and 'Left and Right'.
- Bus:** A dark blue header for the bus section.
- Enclosure and Specials:** A dark blue header for the enclosure and specials section.
- Material:** A dropdown menu set to 'Aluminum'.
- Bus Plating:** A dropdown menu set to 'Tin Plate'.
- Bus Density:** A dropdown menu set to '750 A/Sq. in.'.
- Enclosure Type:** A dropdown menu set to 'Type 1'.
- Access:** A dropdown menu set to 'Front Only'.

Red arrows point to the following elements:

- Voltage
- IC Rating (kAIC)
- Material
- Amps
- Feed Type
- Feed Location
- Enclosure Type

ReliaGear® SB – EXcelerate & Configured Utility

Empower knowledge

Utility tab has “EUSERC” and “All Others” activated in empower

The screenshot displays the 'Utility' configuration tab within the ReliaGear SB software. The interface includes a top navigation bar with 'Switchboards (NEMA) HQ', 'Quote : test', 'UMB-00014040 Original version', and buttons for 'Save & Exit', 'Save', and 'Cancel'. Below this is a breadcrumb trail: 'Item 1 | Switchboard, ReliaGear EXcelerate, RG-GM-CBSB-CTO'. The main navigation menu includes 'Lineup', 'Utility' (highlighted with a blue box), 'Incoming Service Disconnect', 'Feeders', 'Meter Monitoring', 'Options', 'Layout', 'Drawings', and 'Help'. A red arrow points to the 'Utility' configuration panel, which contains the following sections:

- Table Header:** Display Name, Utility Type, Quantity, Utility Code, Amps, Sequence. Below the header are 'Add', 'Delete', and 'Copy' buttons.
- Utility Type:** Radio buttons for 'EUSERC' and 'All Others', both of which are selected. Input fields for 'Qty', 'Name', 'Amps', and 'Sequence' are present.
- Line Connection:** Fields for 'Feed Type', 'Lug Type', and 'Cable Material'.
- Load Connection:** Fields for 'Load Type', 'Lug Type', and 'Cable Material'. Below these are 'Load Exit', 'Cable Size', and 'Cables/Ph' fields.
- Utility Specs:** Fields for 'Sockets', 'Figure', 'Clips', 'Current Transformer Type', 'Potential Transformers' (checkbox), and 'PT Compartment Height'.



ReliaGear® SB - Configured

Best Value

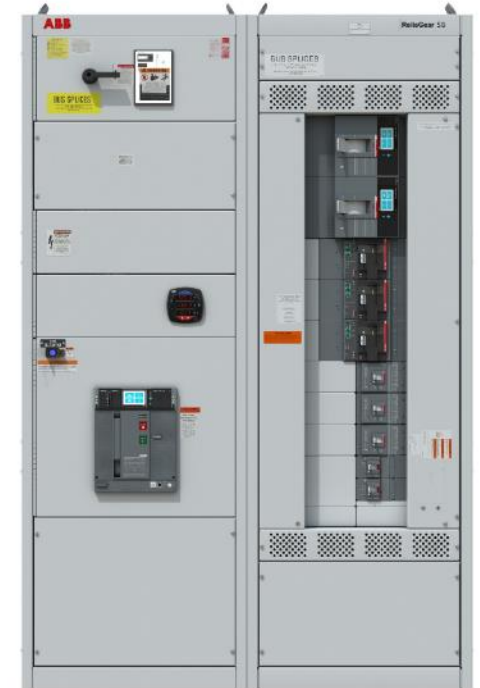
WHY Configured switchboards

Best value

Time vs. Complexity	EXcelerate	Configured	Engineered
Complexity	Simple to mid	Simple to mid	Complex
Lead Time (clocks)	🕒🕒	🕒🕒🕒	🕒🕒🕒🕒
Price	\$\$	\$	\$

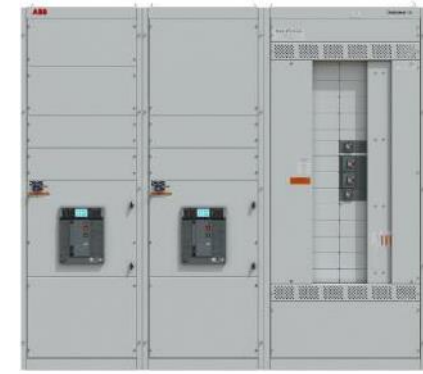
Configured benefits

- Deliver the right product at the right time
- Speeds up quotation process
- Easy to configure in empower like EXcelerate
- Best value for the price over lead time



ReliaGear® SB Switchboard

Configured Switchboards



Main Characteristics

- **Voltage rating:** 3P, 4W – 208/120, 480/277, 600/347 V AC
- **Current ratings:** 1200, 1600, 2000, 2500, 3000, and 4000 Amperes
- **Bracing:** 65 & 100 kAIC
- **Bus:** Copper & Aluminum
- **Sections:** max 6
- **Enclosures:** NEMA Type 1 & Type 3R (non-walk-in)
- **Utility sections:** EUSERC and other Utilities available
- **Additional:** Seismic ratings, metering, SPD, padlocks, and space heaters available

Key Features and Benefits

- **Fast and affordable:** Offers fast lead times at an aggressive price
- **Pre-Configured options:** Includes a range of pre-designed configurations to streamline the selection process. Configured to order via empower
- **Safe and flexible :** Plug-in breakers and IP20 bus stack to speed up commissioning
- **Reliability:** Incorporates proven high-quality components from ABB

Applications

Commercial Buildings

Industrial facility

Infrastructure Projects

EV Grid-to-Charger and more

Faster than Engineered but less costly than EXcelerate for the best value




ReliaGear® Merchandised

Overview


ReliaGear® Merchandised Panelboards & Switchboards

Available Product Options


ReliaGear® Merchandised Lighting Panelboards

- 
- 12 Interiors – 30-circuit or 42-circuit
 - 6 Boxes – NEMA 1 & 3R; 43”, 49”, 76”
 - 12 Fronts – Standard, Door-in-Door, Front hinged-to-box; 43”, 49”, 76”
 - Breaker Kits
 - Main/Sub-Feed Breakers – XT1, XT4, XT5, A2
 - Branch Breakers – THQB, THHQB, TEY, TEYF

ReliaGear® Merchandised neXT SuperBox Power Panelboards

- 
- 14 SuperBox Configurations
 - Ampacity: 600-1200A
 - X-spaces 2-sided: 12X, 16X, 20X, 24X, 28X, 32X
 - Enclosures: NEMA 1 & 3R
 - Main Lug, Main Breaker, GF
 - Main & Branch Feeder Breakers – XT1, XT2, XT4, XT5, XT6, XT7, FB, TEY, Formula A2

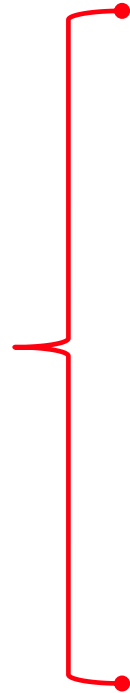
ReliaGear® Merchandised SB Switchboards

- 
- 14 Switchboard SKUs
 - Ampacity: 2000A & 4000A
 - Main Breaker & EUSERC Main Breaker
 - Enclosures: NEMA 1 & 3R
 - Main Breaker: Emax 2.2 (2000A) & Emax 6.2 (4000A)
 - Branch Feeder Breakers – XT1, XT2, XT4, XT5, XT6, XT7, FB, TEY, Formula A2

[Merchandised Panelboard and Switchboard Selection Guide](#)

ReliaGear® Merchandised SB Switchboards

Offer benefits



Projects with quick turnaround

Emergency situations, property damage, EV, Data Centers, commercial renovation, or building expansions



No lead time

Quickly and efficiently install these readily available panelboards from distributor inventory



Flexible Design

Multiple sections that can be interchanged to meet your project requirements



Smart

Plug-in breaker technology to make installation quick and easy. Enhanced breaker and bus stack technology to help keep you safe



↑ Cost Savings

Immediate availability from stock when project timelines are critical - A solution ready to be installed at a moments notice

ReliaGear® Merchandised SB Switchboards

Product Overview



System voltages

- 208Y/120 V AC; 3-phase, 4-wire
- 480Y/277 V AC; 3-phase, 4-wire

Ampacity

2000A & 4000A; main breaker & EUSERC utility main breaker

Bussing

Silver plated copper

Short circuit rating

Up to 100kAIC at 480Y/277V AC

Enclosures

NEMA 1 & NEMA 3R

Plug into the advantages of ReliaGear

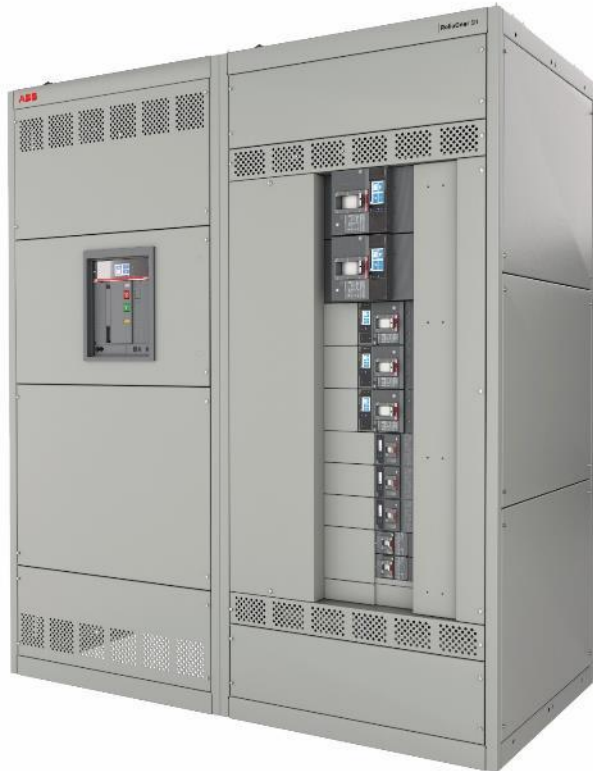
- IP20 finger-safe bus stack design
Single-tool component installation
Plug-in circuit breakers allow for quick location flexibility
- Easy gutter access with hinged trims as standard
- Front access only with hinged door
- Front and rear alignment for splicing sections

ReliaGear® SB – On Demand

Overview

ReliaGear® SB – On Demand

What's new



- Emax 2 replaced PBII
- Same bussing design as EXcelerate for smaller footprint (35" depth)
- On Demand: 2-weeks lead time with price premium
- On Demand Mid Cycle: 10-weeks shipping option and lower price
 - For Mid Cycle add “-M” to end of part numbers

[On Demand Program brochure](#)



ReliaGear® SB – Faster shipping options

Recap: Remember to reduce lead times using fast shipping options

Fast Shipping Options

- [On Demand](#) – 2 weeks
- [On Demand Mid Cycle](#) – 10 weeks
- [Merchandised](#) – 7 weeks
- [EXcelerate](#) – **2X faster** than engineered switchboards
- [Configured](#) – Faster than engineered & priced for **best value**



ReliaGear® SB – EXcelerate & Configured

Marketing resources available

Presentations



[Empower training tutorial \(External\)](#)



[Sales Product Presentation](#)

E-learning

[EXcelerate Overview](#)

- Live in BlueVolt course **#465503**

[EXcelerate Circuit Breakers](#)

- Live in BlueVolt course **#483555**

[EXcelerate Utilities](#)

- Live in BlueVolt course **#486241**

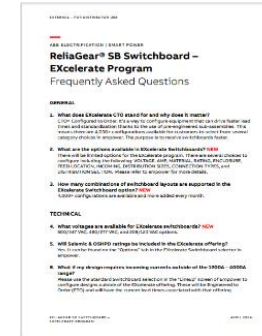
Marketing documents



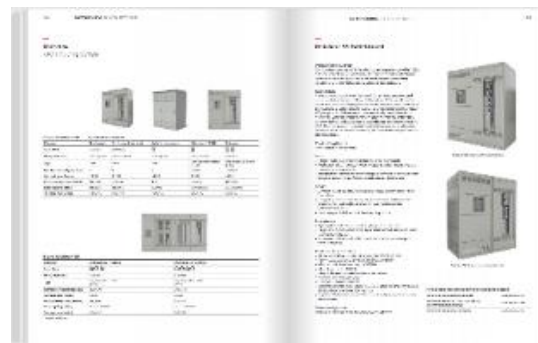
[Program Flyer](#)



[The Road to Reliability](#)



[EXcelerate FAQ](#)
[Configured FAQ](#)



[ABB Buylog – Switchboard](#)



[EXcelerate Design Guide](#)



[Merchandised Selection Guide](#)

Videos on YouTube



[ReliaGear SB Switchboard - EXcelerate](#)



[Efficiency & Innovation – Expansion of ABB switchboard operations](#)

Websites

[ABB ReliaGear SB Switchboards](#)
[ABB ReliaGear Merchandised SB](#)

ABB