

DESCRIPTIVE BULLETIN

ReliaGear® SB Switchboard

EV Grid-to-Charger



- Reduced project cycle time
- Flexible
- Future-proof design
- Easy to order

The new EV Grid-to-Charger program for ReliaGear® SB low voltage switchboard from ABB allows customers to meet deadlines, mitigate supply chain risks, and adapt easily to future charger growth demands.

With fast lead times, this standardized EV Grid-to-Charger offering takes the guesswork out of deployments. The program offers six pre-configured designs with flexible breaker settings, helping customers gain a competitive edge by reducing project cycle times with cost-effective designs. Future-proof designs give customers peace of mind to easily accommodate additional charger expansion.

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EV Grid-to-Charger

Overview

The EV Grid-to-Charger program for the ReliaGear® SB switchboard offers customers fast lead times and the option to choose among six pre-configured switchboard designs.



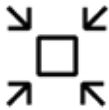
Reduced project cycle time

- Onsite delivery significantly faster. Helps to meet deadlines and mitigate supply chain risks.



Future-proof design

- The flexible design easily accommodates future charger changes/upgrades by allowing for easy expansion of the feeder section.
- The design allows easy adding/changing of feeder breakers to the existing frame and/or adding an additional feeder frame in the future.



Flexible

- Six standardized engineering designs with flexible breaker settings.
- Utility designed for EUSERC applications with door kits.



Easy to order

- Catalog-number driven for easy ordering.
- Universal design.



The flexible design of SACE® Emax2 and Tmax® XT breakers allows for simple field adjustments to meet a wide variety of applications for today and tomorrow.

With an installed base of thousands of units worldwide, the ReliaGear® SB switchboard sets the standard for functional, flexible and rugged, durable construction.

The EV Grid-to-Charger program from ABB builds on this reputation by providing customers the opportunity to easily order and quickly receive delivery of ReliaGear SB switchboards significantly faster. The EV Grid-to-Charger program can potentially reduce project cycle times, helping customers gain a competitive advantage wherever 24/7 reliability is an absolute necessity.

Why ReliaGear SB?

The universal design of the ReliaGear SB switchboard allows substantial flexibility for a wide variety of customer applications. The modular assembly of the plug-in style connections helps reduce maintenance and assembly while allowing for easy future expansion.

The future-proof design allows the customer to plan ahead to easily accommodate future EV charger additions and expand the feeder section by adding another frame to the existing unit.

The flexible design of SACE® Emax2 and Tmax® XT breakers also allows for simple field adjustments to meet a wide variety of applications. Combined with the ReliaGear plug-in style distribution section bus stack, customers can quickly and easily move breaker locations for maximum flexibility.

Features and benefits

- Main bus 1200 A, 2000 A, 3000 A or 4000 A
- Aluminum bus
- 480/277 V AC maximum at 65 kAIC
- NEMA 3R with rodent barriers
- Space heaters with thermostat
- Large hinged covers with DIN rail backplate to allow for easy field upgrades such as communications and remote control
- SACE Emax2 main device with touch trip unit, GF and RELT
- Tmax XT DIP trip units on feeders for maximum ampacity flexibility
- ReliaGear SB plug-in panel type for easy breaker installation and removal
- Fully rated bus with provision for future extensions
- Front access only with hinged doors
- Front and rear alignment for splicing sections
- Qualified for seismic ratings per publication 9AKK108466A5933 and OSP-0044-10
- Surge protection included in each board (SPD Type 2, 200 kA)

Configurations available on demand

The EV Grid-to-Charger program offers six preconfigured ReliaGear® SB designs:

- ReliaGear SB 1200 A
- ReliaGear SB 2000 A
- ReliaGear SB 3000 A
- ReliaGear SB 4000 A
- ReliaGear SB 2000 A EUSERC
- ReliaGear SB 4000 A EUSERC

Pages 7 through 13 show detailed drawings of these six configurations.

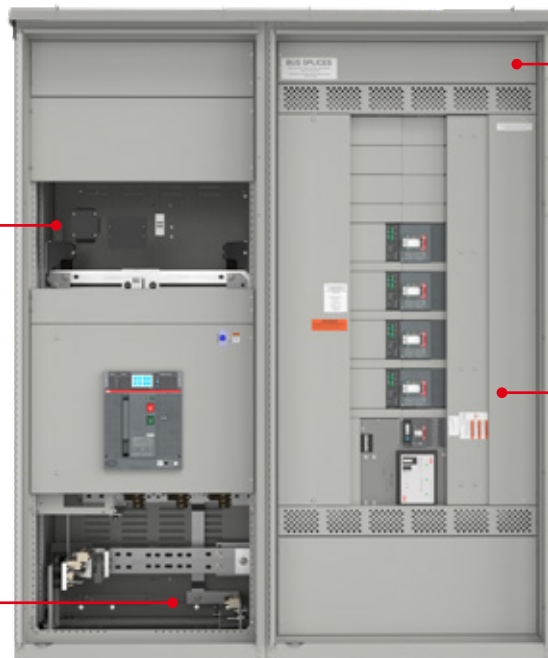
Ordering

ReliaGear EV Grid-to-Charger switchboard catalog numbers have been added to both empower Flow and empower Quote. If adding in empower Quote, it is important to ensure there is adequate stock at the time of quotation and order entry.

**EV G2C switchboard
Main characteristics**

- DIN rail backplate to allow for easy field upgrades such as communications and remote control

- Anti-rodent barrier
- Pre-installed heaters to protect in cold and/or damp weather



- NEMA 3R outdoor rated enclosure

- Pre-selected feeders to meet popular EV charger sizes
- Electronic breakers with a wide range of settings to accommodate project variations
- Surge protection included in each board

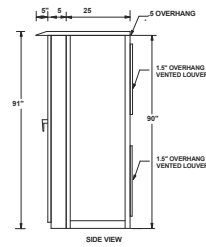
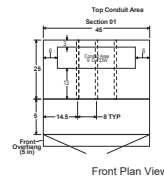
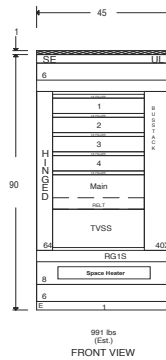
ReliaGear® SB 1200 A

Catalog no. RSBG4126A3RBBA

ReliaGear Series[™]
Switchboard
by ABB

ACCESS TO: Front Only	PHASE: 3P4W
CLASS: 1	AMPERE: 1200
LABEL: UL SE	BUS MTL: A1755A / in'
VOLTAGE: 480V/277V	PLATE: Tin Plated
STYLE: ReliaGear	RATING: Fully
BUS BRACING (RMS SYM)	65000 A
DEV. MIN. INT. RATING (RMS SYM)	65000 A
Total Line Up Width: 45	

Configuration covers the following
number of chargers:
Qty 4: 150 – 180 kW Level 3



SwitchBoard / Device Information						
Circuit No.	Device	Trip Amps	Sensor Amps	Poles	Nameplates	Lugs/Cable Size
1	XTSH	400	-	3		(2) - 2/0 - 250 MCM CU - Mech. AL
2	XTSH	400	-	3		(2) - 2/0 - 250 MCM CU - Mech. AL
3	XTSH	400	-	3		(2) - 2/0 - 250 MCM CU - Mech. AL
4	XTSH	400	-	3		(2) - 2/0 - 250 MCM CU - Mech. AL
Main	XT7H	1200	1200	3		(2) - 2/0 - 250 MCM CU - Mech. AL
	SPD Type 2-200K					
						Notes
						13,14
						13,14
						13,14
						13,14
						9,10,11,12
						15

NOTES:

- Switchboard furnished with a rainproof type 3R flat roof (non-walk-in) enclosure.
Note: See plan view for details. Need additional 1 inch space clearance on top and 1.5 inch clearance on the rear of the switchboard.
- Equipment ground bus furnished with lugs.
- Switchboard qualified for seismic ratings per publication DET-463 and OSP-0044-10.
- Switchboard furnished with nameplates.
- All nameplates to be fastened with screws.
- Switchboard furnished with hinged gutter covers.
- Switchboard furnished with fully rated panel.
- User-specified layout.
- Device is furnished with integral ground fault protection.
- Device is furnished with RELT (reduced energy let through).
- Device requires RELT or ZSI feature if authority having jurisdiction has adopted NEC 2014 code requirements.
- Device furnished with Ekip Touch (LSIG) Programmer.
- Device furnished with PLL fixed padlock — open.
- Device furnished with EKIP DIP (LSI) programmer.
- Switchboard furnished with Type 2 SPD HE 200 kA per mode / 400 kA per phase, 200 kAIC.
SPD furnished with indicating lights, alarm, form C contacts, surge counter and disconnect switch.

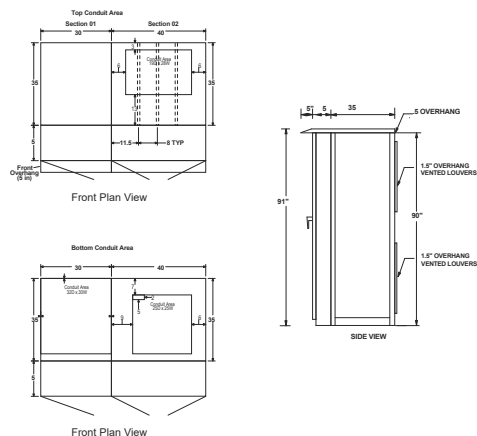
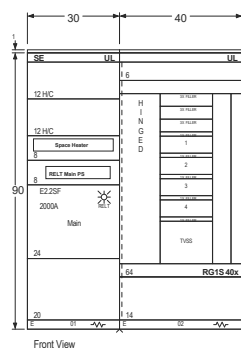
ReliaGear® SB 2000 A

Catalog no. RSBG4206A3RBBA

ReliaGear SeriesTM
Switchboard
by ABB

ACCESS TO: Front Only	PHASE: 3P4W
CLASS: 2	AMPERE: 2000
LABEL: U/L SE	BUS MTL: Al 750A / in ²
VOLTAGE: 480Y/277V	PLATE: Tin Plate
STYLE: RollaGear	RATING: Fully
BUS BRACING (RMS SYM)	65000 A
DEV. MIN. INT. RATING (RMS SYM)	65000 A
Total Line Up Width: 70	

Configuration covers the following number of chargers:
Qty 4: 150 – 350 kW Level 3



Switchboard/Device Information						
Circuit No.	Device	Amps	Poles	Nameplates	Lugs	Notes
Main	E2 2SF	2000	3			8,9,10,11,12,13 14,21
TVSS	SPD Type2 - 200K	0	0			22
1	XT5H600	600	3		Al (2) 500 - 600 MCM Cu Cbl	18,19
2	XT5H600	600	3		Al (2) 500 - 600 MCM Cu Cbl	18,19
3	XT5H600	600	3		Al (2) 500 - 600 MCM Cu Cbl	18,19
4	XT5H600	600	3		Al (2) 500 - 600 MCM Cu Cbl	18,19

NOTES:

- 1 Switchboard furnished with a rainproof type 3R flat roof (non walk-in) enclosure.
- 2 Listed NEMA 3R rated hub and conduit should be used to maintain environmental integrity of the enclosure.
- 3 Equipment ground bus furnished with lugs.
- 4 Switchboard furnished with nameplates.
- 5 Switchboard furnished with seismic zone 3/4.
- 6 Shipping splits between section; each section ships separately.
- 7 Switchboard furnished with section space heaters.
- 8 Device is furnished with 250 V bell alarm.
- 9 Device furnished with EKIP Touch LSIG trip unit.
- 10 Device furnished with RELT. Wire per diagram RELT individual EKIP.
- 11 Device is furnished with 24 V–48 V DC Ekip Supply.
- 12 Device furnished with (PLC) open position padlock.
- 13 Device furnished with 24 V (4Q) auxiliary contacts.
- 14 Device furnished with 110–120 V AC/DC (YO) opening coil.
- 15 Space heater control power circuit wired per sheet 10087742 sheet 2.
- 16 Switchboard furnished with hinged gutter covers.
- 17 Switchboard furnished with fully rated panel.
- 18 Device furnished with EKIP DIP (LSI) programmer.
- 19 Device furnished with PLL fixed padlock–open.
- 20 Provision for future extension.
- 21 Device is furnished with RELT-Ekip signaling K23 module.
- 22 Switchboard furnished with Type 2 TVSS/SPD HE 200 kA per mode / 400 kA per phase, 200 kAIC.
TVSS SPD furnished with Indicating lights, alarm, Form C contacts, surge counter and disconnect switch.
- 23 Insert screens on NEMA 3R enclosure over vent opening
- 24 Use sealing provision bolts on the line side of the main breaker in order to meet EUSERC.

ReliaGear® SB 3000 A

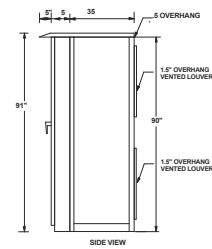
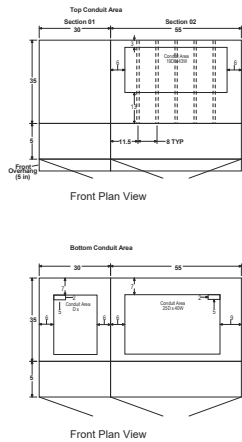
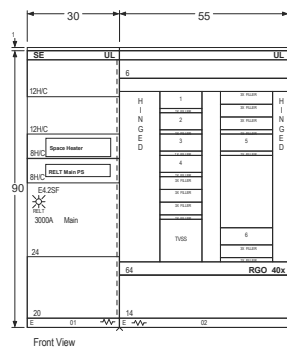
Catalog no. RSBG4306A3RBBA

ReliaGear Series™
Switchboard
by ABB

ACCESS TO: Front Only	PHASE: 3P4W
CLASS: 1	AMPERE: 3000
LABEL: UL/IE	BUS MTL: AL 750A / 1in
VOLTAGE: 480V/277V	PLATE: Tin Plated
STYLE: ReliaGear	RATING: Fully
BUS BRACING (PDS SYM):	65000A
SEC. MIN. INT. RATING (PDS SYM):	65000A
Total Line Up Width: 85	

Configuration covers the following
number of chargers:

Qty 6: 150 – 350 kW Level 3



Switchboard/Device Information						
Circuit No.	Device	Amps	Poles	Nameplates	Lugs	Notes
Main	E4.2SF	3000	3			15,16,17,18,19,20 21,22,23
TVSS	SPD Type2 - 200K	0	0			14
1	XT5H600	600	3		Al (2) 2/0 - 500 MCM Cu Cbl	11,12
2	XT5H600	600	3		Al (2) 2/0 - 500 MCM Cu Cbl	11,12
3	XT5H600	600	3		Al (2) 500 - 600 MCM Cu Cbl	11
4	XT5H600	600	3		Al (2) 500 - 600 MCM Cu Cbl	11
5	XT5H600	600	3		Al (2) 2/0 - 500 MCM Cu Cbl	11
6	XT5H600	600	3		Al (2) 2/0 - 500 MCM Cu Cbl	11,12

NOTES:

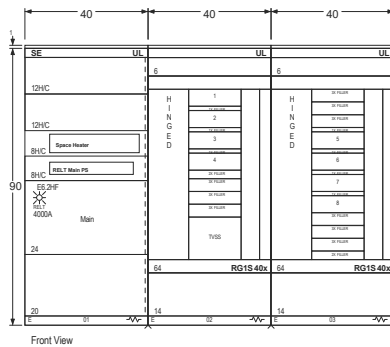
- Switchboard furnished with a rainproof type 3R flat roof (non walk-in) enclosure.
- Listed NEMA 3R rated hub and conduit should be used to maintain environmental integrity of the enclosure.
- Equipment ground bus furnished with lugs.
- Switchboard furnished with nameplates.
- Switchboard furnished with seismic zone 3/4.
- Shipping splits between sections; each section ships separately.
- Switchboard furnished with section space heaters.
- Space heater control power circuit wired per sheet RSBCSH480A.
- Switchboard furnished with hinged gutter covers.
- Switchboard furnished with fully rated panel.
- Device furnished with EKIP DIP (LSI) programmer.
- Device furnished with PLL fixed padlock - open.
- Provision for future extension.
- Switchboard furnished with Type 2 TVSS/SPD HE 200 kA per mode / 400 kA per phase, 200 kAIC. TVSS SPD furnished with Indicating lights, alarm, form C contacts, surge counter and disconnect switch.
- Device programmer LT target set at 0.9 for a 3000 A trip.
- Device is furnished with 250 V bell alarm.
- Device furnished with EKIP Touch LSIG trip unit.
- Device furnished with RELT.
- Device furnished with 24 V (4Q) auxiliary contacts.
- Device is furnished with 24 V–48 V DC Ekip Supply.
- Device is furnished with RELT-Ekip Signaling 2K3 module. Wire per 75B661010SH30.
- Device furnished with 110–120 V AC/DC (YO) opening coil.
- Device furnished with (PLC) open position — padlock

ReliaGear® SB 4000 A

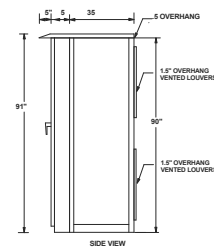
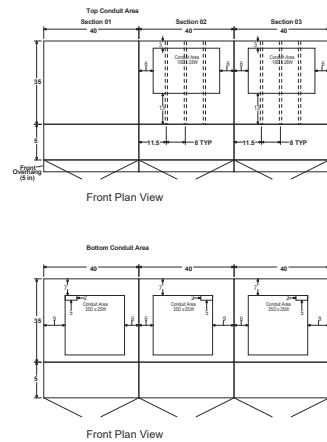
Catalog no. RSBG4406A3RBBA

ReliaGear Series
Switchboard
by ABB

ACCESS TO: Front Only	PHASE: 3P4W
CLASS: 2	AMPERE: 4000
LABEL: UL, SE	BUS MTL: AL 750A / 10"
VOLTAGE: 480V/277V	PLATE: Tin Plated
STYLE: Rail/Gear	RATING: Fully
BUS BRACING (RMS SYM)	65000 A
DEV. MIN. INT. RATING (RMS SYM)	65000 A
Total Lugs Up: 1000, 100	



Configuration covers the following
number of chargers:
Qty 8: 150 – 350 kW Level 3



Switchboard/Device Information						
Circuit No.	Device	Amps	Poles	Nameplates	Lugs	Notes
Main	E6.2HF	4000	3			10, 11, 12, 13, 14, 15, 16, 23, 24
TVSS	SPD Type2-200K	0	0			24
1	XT5H600	600	3		AI (2) 500 - 600 MCM Cu Cbl	20, 21
2	XT5H600	600	3		AI (2) 500 - 600 MCM Cu Cbl	20, 21
3	XT5H600	600	3		AI (2) 500 - 600 MCM Cu Cbl	20
4	XT5H600	600	3		AI (2) 500 - 600 MCM Cu Cbl	20
5	XT5H600	600	3		AI (2) 2/0 - 500 MCM Cu Cbl	20
6	XT5H600	600	3		AI (2) 500 - 600 MCM Cu Cbl	20
7	XT5H600	600	3		AI (2) 500 - 600 MCM Cu Cbl	20, 21
8	XT5H600	600	3		AI (2) 500 - 600 MCM Cu Cbl	20, 21

NOTES:

- Switchboard furnished with a rainproof type 3R flat roof (non walk-in) enclosure.
- Listed NEMA 3R rated hub and conduit should be used to maintain environmental integrity of the enclosure.
- Equipment ground bus furnished with lugs.
- Switchboard furnished with nameplates.
- Switchboard furnished with seismic zone 3/4.
- Shipping splits between sections; each section ships separately.
- Insert screens on NEMA 3R enclosure over vent openings.
- Use sealing provision bolts on the line side of the main breaker in order to meet EUSERC.
- Switchboard furnished with section space heaters.
- Device is furnished with 250 V bell alarm.
- Device furnished with EKIP Touch LSIG trip unit.
- Device furnished with RELT. Wire per 75B661010SH30.
- Device is furnished with 24 V-48 V DC Ekip supply.
- Device furnished with (PLC) open position padlock
- Device furnished with 24 V (4Q) auxiliary contacts.
- Device furnished with 110-120 V AC/DC (YO) opening coil.
- Space heater control power circuit wired per sheet RSBCSH480A.
- Switchboard furnished with hinged gutter covers.
- Switchboard furnished with fully rated panel.
- Device furnished with EKIP DIP (LSI) programmer.
- Device furnished with PLL fixed padlock open.
- Provision for future extension.
- Device is furnished with RELT-Ekip signaling 2K3 module.
- Switchboard furnished with Type 2 TVSS/SPD HE 200 kA per mode / 400 kA per phase, 200 kAIC. TVSS SPD furnished with indicating lights, alarm, Form C contacts, surge counter and disconnect switch.

Utility sections

EUSERC Utilities — Hard bussed

For switchboards requiring EUSERC utility sections there are two preconfigured options available.

- ReliaGear® SB 2000 A — EUSERC
- ReliaGear SB 4000 A — EUSERC

Each option offers the utility section hard bussed, and it is delivered with pre-mounted Group 1 door kit (see page 14). If the required utility is in Groups 2, 3 or 4, then the customer can purchase a dedicated door kit and replace the factory-installed Group 1 door kit.



—
EUSERC switchboard with pre-mounted Group 1 door kit

Non-EUSERC Utilities — Cable connected

For non-EUSERC utility, the utility section can be cable connected to the Grid-to-Charger switchboard. When paired with an order for an EV G2C switchboard, a special fast track cycle can be requested when a utility section is ordered. The process is as follows:

1. Design the utility section desired in empower Quote.
2. Add the Reference Sales Order # of your ReliaGear EV G2C switchboard in the Drawing Notes section of empower.
3. Select Short Cycle or “S” in the drop-down menu in the pricing tab to activate the fast cycle.

If a utility section is ordered together with an EV Grid-to-Charger switchboard, skip step 2 and select the Short Cycle as per step 3.



—
Non-EUSERC switchboard with utility section ordered separately

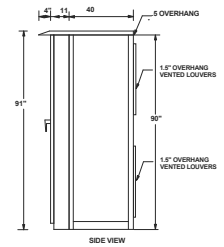
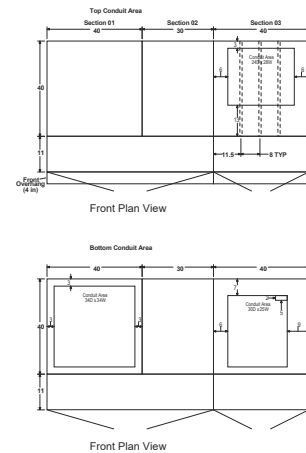
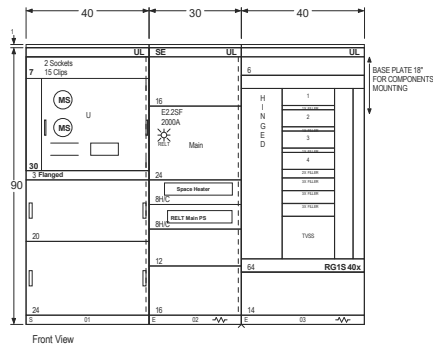
ReliaGear® SB 2000 A — EUSERC

Catalog no. RSBG4206A3RBBE

ReliaGear Series
Switchboard
by ABB

ACCESS TO: Front Only	PHASE: 3P4W
CLASS: 2	AMPERE: 2000
LABEL: UL SE	BUS MTL: AL 750A / 10"
VOLTAGE: 480V/277V	PLATE: Tin Plate
STYLE: RainCover	RATING: Fully
BUS BRACING (RMS 5YR)	65000 A
DEV. MIN. INT. RATING (RMS 5YR)	65000 A
Total Line Up Width: 156"	

Configuration covers the following
number of chargers:
Qty 4: 150 – 350 kW Level 3



Switchboard/Device Information					
Circuit No.	Device	Amps	Poles	Nameplates	Lugs
Main	E2 2SF	2000	3		Notes 9,10,11,12,13,14,15,20,25
TVSS	SPD Type2 - 200K	0	0		
1	XT5H600	600	3		AI (2) 500 - 600 MCM Cu Cbl 18,19
2	XT5H600	600	3		AI (2) 500 - 600 MCM Cu Cbl 18,19
3	XT5H600	600	3		AI (2) 500 - 600 MCM Cu Cbl 18,19
4	XT5H600	600	3		AI (2) 500 - 600 MCM Cu Cbl 18,19

NOTES:

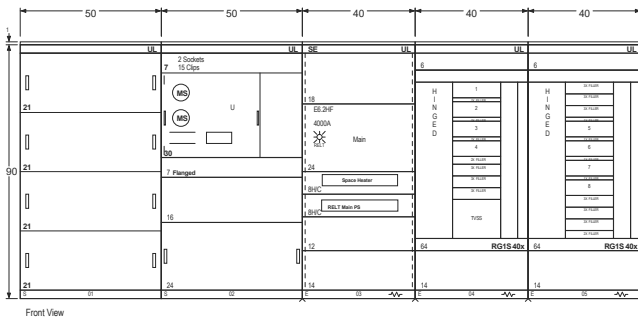
- Switchboard furnished with a rainproof type 3R flat roof (non-walk-in) enclosure.
- Listed NEMA 3R rated hub and conduit should be used to maintain environmental integrity of the enclosure.
- Equipment ground bus furnished with lugs.
- Switchboard furnished with nameplates.
- Switchboard furnished with seismic zone 3/4.
- Insert screens on NEMA 3R enclosure over vent openings.
- Use sealing provision bolts on the line side of the main breaker in order to meet EUSERC.
- Switchboard furnished with section space heaters.
- Device is furnished with 250 V bell alarm.
- Device furnished with EKIP Touch LSIG trip unit.
- Device furnished with RELT.
- Device is furnished with 24 V–48 V DC Ekip Supply.
- Device furnished with (PLC) open position — padlock
- Device furnished with 24 V (4Q) auxiliary contacts.
- Device furnished with 110–120 V AC/DC (YO) opening coil.
- Switchboard furnished with hinged gutter covers.
- Switchboard furnished with fully rated panel.
- Device furnished with EKIP DIP (LSI) programmer.
- Device furnished with PLL fixed padlock — open.
- Device is furnished with RELT-Ekip signaling 2K3 module.
- EUSERC utility section(s) furnished with handles and sealing provisions per EUSERC specifications.
- Installation note: Caution: If switchboard is installed on a housekeeping slab greater than 2½", the meter may be over the 6'3" maximum allowable meter height. Consult utility if you need more information.
- Space heater control power circuit wired per sheet 10087742 Sheet 2.
- Shipping splits between sections; each section ships separately.
- Switchboard furnished with Type 2 TVSS/SPD HE 200 kA per mode / 400 kA per phase, 200 kAIC. TVSS SPD furnished with indicating lights, alarm, Form C contacts, surge counter and disconnect switch.

ReliaGear® SB 4000 A — EUSERC

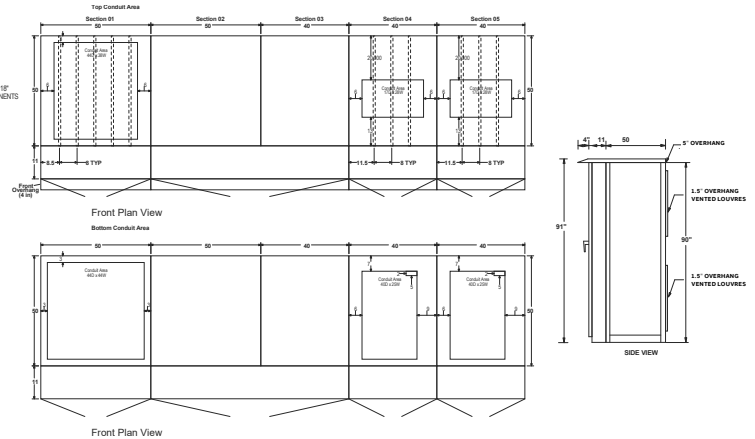
Catalog no. RSBG4406A3RBBE

ReliaGear Series™
Switchboard
by ABB

ACCESS TO: Front Only	PHASE: 3P-W
CLASS: 2	AMPERE: 4000
LABEL: UL SE	BUS MTL: Al 750A / 1in
VOLTAGE: 480Y/277V	PLATE: Tin Plated
STYLE: ReliaGear	RATINGS: Fully
SUSPENDING RING: 5YH	CS5000 A
DEV. MIN. INT. RATING (RMS SYM)	CS5000 A
Total Line Up Width: 229	



Configuration covers the following
number of chargers:
Qty 8: 150 – 350 kW Level 3



Switchboard/Device Information						
Circuit No.	Device	Amps	Poles	Nameplates	Lugs	Notes
Main	SPD Type2 - 200K	4000	3			9,10,11,12,13,14,15,21,24
1	XT5H600	600	3		Al (2) 500 - 600 MCM Cu Cbl	19,20
2	XT5H600	600	3		Al (2) 500 - 600 MCM Cu Cbl	19,20
3	XT5H600	600	3		Al (2) 500 - 600 MCM Cu Cbl	19,20
4	XT5H600	600	3		Al (2) 500 - 600 MCM Cu Cbl	19,20
5	XT5H600	600	3		Al (2) 500 - 600 MCM Cu Cbl	19,20
6	XT5H600	600	3		Al (2) 500 - 600 MCM Cu Cbl	19,20
7	XT5H600	600	3		Al (2) 500 - 600 MCM Cu Cbl	19,20
8	XT5H600	600	3		Al (2) 500 - 600 MCM Cu Cbl	19,20

NOTES:

- Switchboard furnished with a rainproof type 3R flat roof (non-walk-in) enclosure.
- Listed NEMA 3R rated hub and conduit should be used to maintain environmental integrity of the enclosure.
- Equipment ground bus furnished with lugs.
- Switchboard furnished with nameplates.
- Switchboard furnished with seismic zone 3/4.
- Insert screens on NEMA 3R enclosure over vent openings
- Use sealing provision bolts on the line side of the main breaker in order to meet EUSERC
- Switchboard furnished with section space heaters.
- Device is furnished with 250 V bell alarm.
- Device furnished with EKIP Touch LSIG trip unit.
- Device furnished with RELT.
- Device is furnished with 24 V–48 V DC Ekip Supply.
- Device furnished with (PLC) open position — padlock
- Device furnished with 24 V (4Q) auxiliary contacts.
- Device furnished with 110–120 V AC/DC (YO) opening coil.
- Space heater control power circuit wired per sheet 10087742 Sheet 2.
- Switchboard furnished with hinged gutter covers.
- Switchboard furnished with fully rated panel.
- Device furnished with EKIP DIP (LSI) programmer.
- Device furnished with PLL fixed padlock — open.
- Device is furnished with RELT-Ekip signaling 2K3 module.
- EUSERC utility section(s) furnished with handles and sealing provisions per EUSERC specifications.
- EUSERC utility section(s) furnished with handles and sealing provisions per EUSERC specifications.
- Switchboard furnished with Type 2 TVSS/SPD HE 200 kA per mode / 400 kA per phase, 200 kAIC. TVSS/SPD furnished with Indicating lights, alarm, Form C contacts, surge counter and disconnect switch.
- Shipping splits between each section, ship each section separately.
- INSTALLATION NOTE: Caution: If switchboard is installed on a housekeeping slab greater than 2-1/2" the meter may be over the 6'3" maximum allowable meter height. Consult Utility if you need more information.

EV Grid-to-Charger

EUSERC utility door kits



- EUSERC catalog numbers RSBG4206A3RBBE (2000 A) and RSBG4406A3RBBE (4000 A) ship with door kit Group 1 as the standard.
- See table below for alternate door kits for other specific utilities to be ordered separately.
- Simple and fast field installation by removing the pin from the hinge and replacing with the door kit that matches the specific utility required.

Group	Part number for 2000 A	Part number for 4000 A	Door kit description
1*	1SQA013209R0001	1SQA014377R0001	15 clip sockets — one 30" cover with 2 sockets
2**	1SQA013210R0001	1SQA014378R0001	13 clip sockets — one 15" blank cover, one 15" cover with 13 clips, screws
3	1SQA013211R0001	1SQA014379R0001	15 clip sockets — one 15" blank cover, one 15" cover with 15 clips, screws
4	1SQA013212R0001	1SQA014380R0001	Remote sockets — two 15" blank covers, screws

Sampling of EUSERC utilities and associated door kits

Number	EUSERC utility list [^]	Door kit group	Min. height lugs	Sockets	Number of clips	EUSERC page	Meter page	Door kit part number — 2000 A	Door kit part number — 4000 A
1	Southern California Edison	Group 1*	42	2	15	322	332	1SQA013209R0001	1SQA014377R0001
2	Pacific Gas & Electric Co	Group 2**	42	2	15	322	332	1SQA013209R0001	1SQA014377R0001
3	Arizona Public Service		42	1	13	322	332	1SQA013210R0001	1SQA014378R0001
4	Portland General Electric		42	1	13	322	332	1SQA013210R0001	1SQA014378R0001
5	Seattle City Light		42	1	13	322	332	1SQA013210R0001	1SQA014378R0001
6	NV Energy		42	1	13	322	332	1SQA013210R0001	1SQA014378R0001
7	Hawaiian Electric Company Inc		42	1	13	322	332	1SQA013210R0001	1SQA014378R0001
8	Burkbank Water & Power		42	1	13	322	332	1SQA013210R0001	1SQA014378R0001
9	Snohomish Country Pud	Group 3	42	1	13	322	332	1SQA013210R0001	1SQA014378R0001
10	Public Service Co of NM		42	1	13	322	332	1SQA013210R0001	1SQA014378R0001
11	Puget Sound Energy		42	1	13	322	332	1SQA013210R0001	1SQA014378R0001
12	Los Angeles Department Of Water And Power		42	1	15	322	332	1SQA013211R0001	1SQA014379R0001
13	San Diego Gas & Electric	Group 4	42	1	15	322	332	1SQA013211R0001	1SQA014379R0001
14	Pacificorp		42	Remote	13	322	332	1SQA013212R0001	1SQA014380R0001
15	Pacific Power & Light		42	Remote	13	322	332	1SQA013212R0001	1SQA014380R0001
16	Rocky Mountain Power		42	Remote	13	322	332	1SQA013212R0001	1SQA014380R0001

* Group 1 door kits ship with switchboard

** If second socket is required, order 2 quantities

[^] Electrical service assumes 3-phase, 4-wire wye configuration



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