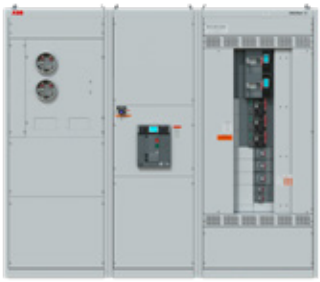
MERCHANDISED SWITCHBOARDS PROGRAM FLYER

ReliaGear® SB Switchboard

Overview



RELIAGEAR® SB – FAST SHIPPING OPTIONS

Program	On demand	Merchandised	EV Grid-to-charger	EXcelerate	Configured
Lead time	2 weeks	12 weeks 0 days to contractors	15 weeks	⏱⏱	⏱⏱⏱
PFA (if needed)	not required	not required	not required	not required	not required
Type	SKU	SKU	SKU	Configured to order	Configured to order
Number of configurations	7	22	6	6000+	6000+
Current max (Amps)	4,000	4,000	4,000	4,000	4,000
Enclosure options (NEMA)	N1/N3R	N1/N3R	N3R	N1/N3R	N1/N3R
Interrupting rating	100kAIC	100kAIC	65kAIC	65/100kAIC	65/100kAIC
Voltage max (Volts)	480V AC	480V AC	480V AC	600V AC	600V AC
Utility sections	No	Yes[1] (2000 & 4000A)	Yes[1] (2000 & 4000A)	Yes	Yes

[1]EUSERC utility only

RELIAGEAR® SB – ENGINEERED AND CUSTOM SWITCHBOARDS

Program	Engineered - Mid cycle	Engineered SB - Normal	Engineered SB - Normal +
Lead time	⏱⏱⏱	⏱⏱⏱⏱	⏱⏱⏱⏱⏱
PFA (if needed)	4 weeks	4 weeks	6 weeks
Type	Engineered to order	Engineered to order	Engineered to order
Number of configurations	~10,000	Over 1M	Over 1M
Current max (Amps)	4,000	6,000	6,000
Enclosure options (NEMA)	N1/N3R	N1/N3R	N1/N3R
Interrupting rating	65/100kAIC	Up to 150kAIC[2]	Up to 150kAIC[2]
Voltage max (Volts)	600V AC	600V AC	600V AC
Utility sections	Yes	Yes	Yes

[2]200 kAIC with fuses

ENGINEERED
TO OUTRUN

ReliaGear® SB Switchboard

Fast shipping option — Merchandised

Merchandised switchboard

Preconfigured ReliaGear® Merchandised SB switchboards offer easy selection, modular flexibility and are readily available from local distributor inventory for immediate installation on projects with quick turnaround. Modular SKU-based main breaker, distribution and pull sections enable flexible switchboard configuration. Simply add circuit breakers and accessories required for the project, and you're ready to go.

Merchandised highlights

- For projects with quick turnaround
- No lead time through distributor stock
- 22 preconfigured designs with flexible circuit breaker settings featuring smart technology
- Modular sections are interchangeable
- Catalog number driven for easy ordering

Merchandised features and benefits

- Main bus, 2000 A or 4000 A, silver-plated copper bus
- Emax main device with GF and RELT
- 480Y/ 277 V AC maximum @ 100 kAIC
- Front access only with hinged doors
- Front and rear alignment for splicing sections
- Features Tmax® XT DIP trip units for maximum flexibility
- Qualified for seismic ratings per publication 9AKK108466A5933 and OSP-0044-10
- Enclosures available in NEMA Type 1 and 3R

MAIN BREAKER SECTIONS

Section type	Amps	Enclosure type	Main breaker	Dimensions (H x W x D inches)[1]	Ordering code
Main breaker	2000	NEMA 1	Emax 2.2	90 x 30 x 35	RSBM42010CN1BMX
		NEMA 3R	Emax 2.2	91 x 30 x 51	RSBM42010C3RBMX
	4000	NEMA 1	Emax 6.2	90 x 40 x 35	RSBM44010CN1BMX
		NEMA 3R	Emax 6.2	91 x 40 x 51	RSBM44010C3RBMX

EUSERC UTILITY + MAIN BREAKER

Section type	Amps	Enclosure type	Main breaker	Dimensions (H x W x D inches)[1]	Ordering code
EUSERC utility + main breaker	2000	NEMA 1	Emax 2.2	90 x 70 x 35	RSBM42010CN1BEU
		NEMA 3R	Emax 2.2	91 x 70 x 51	RSBM42010C3RBEU
	4000	NEMA 1	Emax 6.2	90 x 100 x 35	RSBM44010CN1BEU
		NEMA 3R	Emax 6.2	91 x 100 x 51	RSBM44010C3RBEU

DISTRIBUTION SECTIONS

Section types	Amps	Enclosure type	Dimensions (H x W x D inches)[1]	X-space left	X-space right	Ordering code
1-sided	2000	NEMA 1	90 x 40 x 35	40X	–	RSBM42010CN1BD1
		NEMA 3R	91 x 40 x 51	40X	–	RSBM42010C3RBD1
	4000	NEMA 1	90 x 40 x 35	40X	–	RSBM44010CN1BD1
		NEMA 3R	91 x 40 x 51	40X	–	RSBM44010C3RBD1
2-sided	2000	NEMA 1	90 x 50 x 35	40X	28X	RSBM42010CN1BD2
		NEMA 3R	91 x 50 x 51	40X	28X	RSBM42010C3RBD2
	4000	NEMA 1	90 x 50 x 35	40X	22X	RSBM44010CN1BD2
		NEMA 3R	91 x 50 x 51	40X	22X	RSBM44010C3RBD2

PULL SECTIONS

Section type	Amps	Enclosure type	Dimensions (H x W x D inches)[1]	Ordering code
Bussed pull	2000 A	NEMA 1	90 x 35 x 35	RSBM42010CN1BBP
		NEMA 3R	91 x 35 x 51	RSBM42010C3RBBP
	4000 A	NEMA 1	90 x 35 x 35	RSBM44010CN1BBP
		NEMA 3R	91 x 35 x 51	RSBM44010C3RBBP
Blank pull		NEMA 1	90 x 15 x 35	RSBM4XXXXXN1XXP
		NEMA 3R	91 x 15 x 51	RSBM4XXXXX3RXXP

[1] NEMA 3R depth includes 5" overhang

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