

SBE-PB Series: SBE Transformer with an integral fuse block

Features

- Fuse block is prewired to the transformer.
- Electrical characteristics identical to the SBE.
- Primary side fuse clips for “CC” rejection type fuses.
- Secondary fuse holder available for either ¼" x 1¼" or 13/32" x 1½" fuses.
- Exceeds NEMA, ANSI, NBMTA, JIC and automotive electrical requirements.
- 50/60 Hz.
- UL Listed, CSA Certified.
- “Touch Proof” cover plates are available for above fuseblocks. Add suffix -TC to the catalog number.
- Five types of fuse blocks available (fuses not included):

3PB – Designed to accommodate two primary class “CC” rejection type fuses and one secondary ¼" x 1¼" type 3 AG (or equivalent) cartridge fuse.

3PBX – Designed to accommodate two primary class “CC” rejection type fuses and one secondary 13/32 x 1½" cartridge fuse.

11PB – Designed to accommodate one primary class “CC” rejection type fuses and one secondary ¼ x 1¼" type 3 AG (or equivalent) cartridge fuse.

11PBX – Designed to accommodate one primary class “CC” rejection type fuses and one secondary 13/32 x 1½" cartridge fuse.

20PB – Designed to accommodate two primary class “CC” rejection type fuses, no secondary fuses.



SBE-3PB Selection Tables

Group 1 – 120 x 240 Volt Primary, 24 Volt Secondary with 3PB Fuse Block

VA	Catalog Number	Height (inch)	Width (inch)	Depth (inch)	Mtg Width	Mtg Depth	Slot Size	Approx. Ship Weight (lbs)
60	E060E-3PB	4.31	3.00	3.13	2.50	2.00	.20 x .33	2.7
95	E095E-3PB	4.63	3.38	3.19	2.81	2.19	.20 x .33	3.9
105	E105E-3PB	4.63	3.38	3.19	2.81	2.38	.20 x .33	4.5
180	E180E-3PB	5.63	4.50	3.56	3.75	2.25	.20 x .33	7.0
225	E225E-3PB	5.63	4.50	3.94	3.75	2.50	.20 x .33	8.3
275	E275E-3PB	5.56	4.50	4.00	3.75	2.88	.20 x .33	10.3
320	E320E-3PB	6.44	5.25	4.00	4.38	3.25	.31 x .69	10.4
380	E380E-3PB	6.44	5.25	4.56	4.38	3.63	.31 x .69	13.8

Group 2 – 120 x 240 Volt Primary, 24 Volt Secondary with 3PBX Fuse Block

VA	Catalog Number	Height (inch)	Width (inch)	Depth (inch)	Mtg Width	Mtg Depth	Slot Size	Approx. Ship Weight (lbs)
60	E060E-3PBX	4.31	3.00	3.13	2.50	2.00	.20 x .33	2.7
95	E095E-3PBX	4.63	3.38	3.19	2.81	2.19	.20 x .33	3.9
105	E105E-3PBX	4.63	3.38	3.19	2.81	2.38	.20 x .33	4.5
180	E180E-3PBX	5.63	4.50	3.56	3.75	2.25	.20 x .33	7.0
225	E225E-3PBX	5.63	4.50	3.94	3.75	2.50	.20 x .33	8.3
275	E275E-3PBX	5.56	4.50	4.00	3.75	2.88	.20 x .33	10.3
320	E320E-3PBX	6.44	5.25	4.00	4.38	3.25	.31 x .69	10.4

Group 3 – 120 x 240 Volt Primary, 24 Volt Secondary with 11PB Fuse Block

VA	Catalog Number	Height (inch)	Width (inch)	Depth (inch)	Mtg Width	Mtg Depth	Slot Size	Approx. Ship Weight (lbs)
60	E060E-11PB	4.31	3.00	3.13	2.50	2.00	.20 x .33	2.7
95	E095E-11PB	4.63	3.38	3.19	2.81	2.19	.20 x .33	3.9
105	E105E-11PB	4.63	3.38	3.19	2.81	2.38	.20 x .33	4.5
180	E180E-11PB	5.63	4.50	3.37	3.75	2.25	.20 x .33	6.4
225	E225E-11PB	5.63	4.50	3.94	3.75	2.50	.20 x .33	8.3
275	E275E-11PB	5.56	4.50	4.00	3.75	2.88	.20 x .33	10.3
320	E320E-11PB	6.44	5.25	4.00	4.38	3.25	.31 x .69	10.4
380	E380E-11PB	6.44	5.25	4.56	4.38	3.63	.31 x .69	13.8

SBE-3PB Series Selection Tables

Group 4 – 120 x 240 Volt Primary, 24 Volt Secondary with 11PBX Fuse Block

VA	Catalog Number	Height (inch)	Width (inch)	Depth (inch)	Mtg Width	Mtg Depth	Slot Size	Approx. Ship Weight (lbs)
60	E060E-11PBX	4.38	3.00	3.13	2.50	2.00	.20 x .33	2.1
95	E095E-11PBX	4.63	3.38	3.00	2.81	2.19	.20 x .33	3.9
105	E105E-11PBX	4.63	3.38	3.19	2.81	2.38	.20 x .33	4.1
180	E180E-11PBX	5.56	4.50	3.37	3.75	2.25	.20 x .33	6.4
225	E225E-11PBX	5.56	4.50	3.62	3.75	2.50	.20 x .33	7.4
275	E275E-11PBX	5.56	4.50	4.00	3.75	2.88	.20 x .33	9.2
320	E320E-11PBX	6.44	5.25	4.00	4.38	3.25	.31 x .69	10.4

Group 5 – 120 x 240 Volt Primary, 24 Volt Secondary with 20PB Fuse Block

VA	Catalog Number	Height (inch)	Width (inch)	Depth (inch)	Mtg Width	Mtg Depth	Slot Size	Approx. Ship Weight (lbs)
60	E060E-20PB	4.38	3.00	3.13	2.50	2.00	.20 x .33	2.1
95	E095E-20PB	4.63	3.38	3.19	2.81	2.19	.20 x .33	3.2
105	E105E-20PB	4.63	3.38	3.19	2.81	2.38	.20 x .33	3.7
180	E180E-20PB	5.56	4.50	3.38	3.75	2.25	.20 x .33	6.4
225	E225E-20PB	5.56	4.50	3.63	3.75	2.50	.20 x .33	7.4
275	E275E-20PB	5.56	4.50	4.00	3.75	2.88	.20 x .33	9.2
320	E320E-20PB	6.44	5.25	4.00	4.38	3.25	.31 x .69	10.4
380	E380E-20PB	6.44	5.25	4.38	4.38	3.63	.31 x .69	12.9

Group 6 – 240 x 480 Volt Primary, 120 Volt Secondary with 3PB Fuse Block

VA	Catalog Number	Height (inch)	Width (inch)	Depth (inch)	Mtg Width	Mtg Depth	Slot Size	Approx. Ship Weight (lbs)
60	E060-3PB	4.32	3.00	3.13	2.50	2.00	.20 x .33	2.75
95	E095-3PB	4.63	3.38	3.00	2.81	2.19	.20 x .33	4.3
105	E105-3PB	4.82	3.38	3.25	2.81	2.38	.20 x .33	4.5
180	E180-3PB	5.63	4.50	3.56	3.75	2.25	.20 x .33	7.3
225	E225-3PB	5.63	4.50	3.94	3.75	2.50	.20 x .33	8.3
275	E275-3PB	5.56	4.50	4.00	3.75	2.88	.20 x .33	9.0
320	E320-3PB	6.44	5.25	4.00	4.38	3.25	.31 x .69	10.3
380	E380-3PB	6.44	5.25	4.38	4.38	3.63	.31 x .69	12.6
550	E550-3PB	6.44	5.25	5.00	4.38	4.25	.31 x .69	16.8
850	E850-3PB	7.38	6.38	5.69	5.31	4.25	.31 x .69	24.9
1100	E1100-3PB	9.00	6.38	6.38	5.31	5.00	.31 x .69	31.8

Group 7 – 240 x 480 Volt Primary, 120 Volt Secondary with 3PBX Fuse Block

VA	Catalog Number	Height (inch)	Width (inch)	Depth (inch)	Mtg Width	Mtg Depth	Slot Size	Approx. Ship Weight (lbs)
60	E060-3PBX	4.38	3.00	3.13	2.50	2.00	.20 x .33	2.1
95	E095-3PBX	4.63	3.38	3.19	2.81	2.19	.20 x .33	3.3
105	E105-3PBX	4.63	3.38	3.19	2.81	2.38	.20 x .33	3.7
180	E180-3PBX	5.56	4.50	3.38	3.75	2.25	.20 x .33	6.2
225	E225-3PBX	5.56	4.50	3.63	3.75	2.50	.20 x .33	7.7
275	E275-3PBX	5.56	4.50	4.31	3.75	2.88	.20 x .33	10.3
320	E320-3PBX	6.25	5.25	4.00	4.38	3.25	.31 x .69	12.0
380	E380-3PBX	6.38	5.25	4.69	4.38	3.63	.31 x .69	13.8
550	E550-3PBX	6.44	5.25	5.00	4.38	4.25	.31 x .69	16.8
850	E850-3PBX	6.69	6.38	5.69	5.31	4.25	.31 x .69	25.3
1100	E1100-3PBX	7.25	6.38	6.38	5.31	5.00	.31 x .69	31.8

Group 8 – 240 x 480 Volt Primary, 120 Volt Secondary with 11PB Fuse Block

VA	Catalog Number	Height (inch)	Width (inch)	Depth (inch)	Mtg Width	Mtg Depth	Slot Size	Approx. Ship Weight (lbs)
60	E060-11PB	4.38	3.00	3.13	2.50	2.00	.20 x .33	2.1
95	E095-11PB	4.63	3.38	3.19	2.81	2.19	.20 x .33	3.3
105	E105-11PB	4.63	3.38	3.19	2.81	2.38	.20 x .33	3.7
180	E180-11PB	5.56	4.50	3.38	3.75	2.25	.20 x .33	6.2
225	E225-11PB	5.56	4.50	3.63	3.75	2.50	.20 x .33	7.7
275	E275-11PB	5.56	4.50	4.31	3.75	2.88	.20 x .33	10.3
320	E320-11PB	6.25	5.25	4.00	4.38	3.25	.31 x .69	12.0
380	E380-11PB	6.38	5.25	4.69	4.38	3.63	.31 x .69	13.8
550	E550-11PB	6.44	5.25	5.00	4.38	4.25	.31 x .69	16.8
850	E850-11PB	6.69	6.38	5.69	5.31	4.25	.31 x .69	25.3
1100	E1100-11PB	7.25	6.38	6.38	5.31	5.00	.31 x .69	31.8

Group 9 – 240 x 480 Volt Primary, 120 Volt Secondary with 11PBX Fuse Block

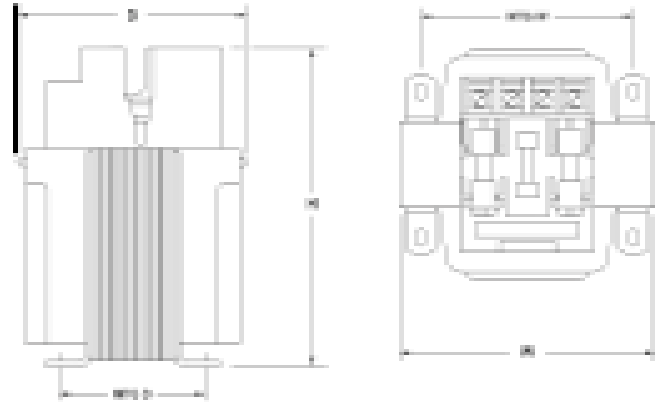
VA	Catalog Number	Height (inch)	Width (inch)	Depth (inch)	Mtg Width	Mtg Depth	Slot Size	Approx. Ship Weight (lbs)
60	E060-11PBX	4.38	3.00	3.13	2.50	2.00	.20 x .33	2.1
95	E095-11PBX	4.63	3.38	3.19	2.81	2.19	.20 x .33	3.3
105	E105-11PBX	4.63	3.38	3.19	2.81	2.38	.20 x .33	3.7
180	E180-11PBX	5.56	4.50	3.38	3.75	2.25	.20 x .33	6.2
225	E225-11PBX	5.56	4.50	3.63	3.75	2.50	.20 x .33	7.7
275	E275-11PBX	5.56	4.50	4.31	3.75	2.88	.20 x .33	10.3
320	E320-11PBX	6.25	5.25	4.00	4.38	3.25	.31 x .69	12.0
380	E380-11PBX	6.38	5.25	4.69	4.38	3.63	.31 x .69	13.8
550	E550-11PBX	6.44	5.25	5.00	4.38	4.25	.31 x .69	16.8
850	E850-11PBX	6.69	6.38	5.69	5.31	4.25	.31 x .69	25.3
1100	E1100-11PBX	7.25	6.38	6.38	5.31	5.00	.31 x .69	31.8

SBE-3PB Series Selection Tables

Group 10 – 240 x 480 Volt Primary,
120 Volt Secondary with 20PB Fuse Block

VA	Catalog Number	Height (inch)	Width (inch)	Depth (inch)	Mtg Width	Mtg Depth	Slot Size	Approx. Ship Weight (lbs)
60	E060-20PB	4.38	3.00	3.13	2.50	2.00	.20 x .33	2.1
95	E095-20PB	4.63	3.38	3.19	2.81	2.19	.20 x .33	3.3
105	E105-20PB	4.63	3.38	3.19	2.81	2.38	.20 x .33	3.7
180	E180-20PB	5.56	4.50	3.38	3.75	2.25	.20 x .33	6.2
225	E225-20PB	5.56	4.50	3.63	3.75	2.50	.20 x .33	7.7
275	E275-20PB	5.56	4.50	4.31	3.75	2.88	.20 x .33	10.3
320	E320-20PB	6.25	5.25	4.00	4.38	3.25	.31 x .69	12.0
380	E380-20PB	6.38	5.25	4.69	4.38	3.63	.31 x .69	13.8
550	E550-20PB	6.44	5.25	5.00	4.38	4.25	.31 x .69	16.8
850	E850-20PB	6.69	6.38	5.69	5.31	4.25	.31 x .69	25.3
1100	E1100-20PB	7.25	6.38	6.38	5.31	5.00	.31 x .69	32.8

SBE-3PB Design Style



Fuse Block Comparisons

	3PB	3PBX	11PB	11PBX	20PB
Primary	Two-Class CC Dual Element Rejection Type Fuses Type KLD-R, FNQ-R or equivalent	Two-Class CC Dual Element Rejection Type Fuses Type KLD-R, FNQ-R or equivalent	One-Class CC Dual Element Rejection Type Fuses Type KLD-R, FNQ-R or equivalent	One-Class CC Dual Element Rejection Type Fuses Type KLD-R, FNQ-R or equivalent	Two-Class CC Dual Element Rejection Type Fuses Type KLD-R, FNQ-R or equivalent
Secondary	(1) 1/4" x 1 1/4" Dual Element Slow-Burn Fuse Type 3 AG or equivalent	(1) 13/32" x 1 1/2" Dual Element Slow-Burn Fuse Type KLK, FNM or equivalent	(1) 1/4" x 1 1/4" Dual Element Slow-Burn Fuse Type 3 AG or equivalent	(1) 13/32" x 1 1/2" Dual Element Slow-Burn Fuse Type KLK, FNM or equivalent	No Secondary Fuses

Note:

Factory installed "touch proof" covers available for all of the above listed fuse blocks. To order, add the suffix "TC" to catalog number.