Stab-Lok® Loadcenters

Description and Application

Single and three phase Stab-lok® loadcenters for residential and commercial application, in type 1 indoor and type 3R, outdoor enclosures. A full offering of factory installed main lug and main breaker loadcenters as well as a *complete line of field installable convertible* main lug or main breaker loadcenters gives you the flexibility needed to get the job done quickly.

Stab-lok loadcenters are available from 2 circuit, 40 amperes thru 42 circuit 225 amperes. **All outdoor loadcenters are manufactured with galvanized steel for long lasting rust free appearance and durability.** All loadcenters meet U.L. and N.E.C. Wire Bend Requirements.

Specifications

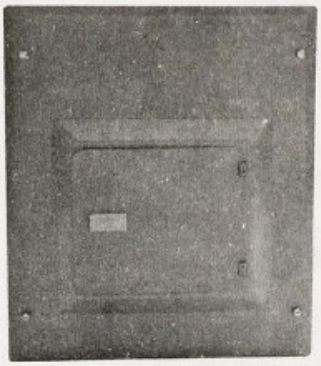
Stab-lok® Loadcenters

- U.L. listed in File #E24523
- Meet Federal Specification W-P-115B
- Meet 1984 N.E.C. requirements

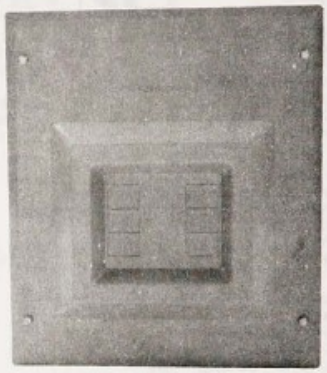
Stab-lok® Circuit Breakers

- UL listed in File E9800

Meet Federal Specification W-C-375B
Meets 1984 N.E.C. Requirements



SL100-0412FD
Shallow Box, Flush Panel for Apartment Conversions

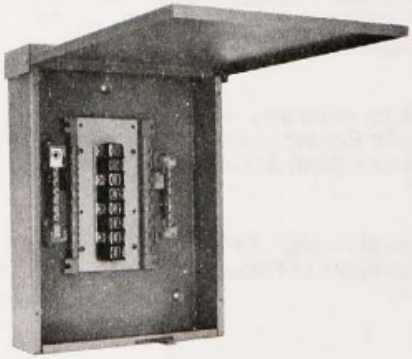


L100-0412GC
100 Amp, 12 Circuit Add-on Panel Without Door

M100-0816C
Typical Arrangement of a Factory Installed 100 Amp Main Breaker Load Center

X150-1630C
All New Convertible Load Center in the Federal Pacific line

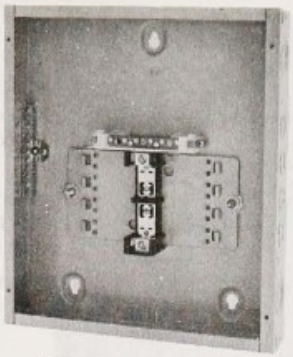
Stab-Guard — Bus Protector Supplied Factory Installed On All FPE Load Centers 12 Circuit and Up



X125-1224R
Outdoor, 24 Circuit, Convertible Load Center

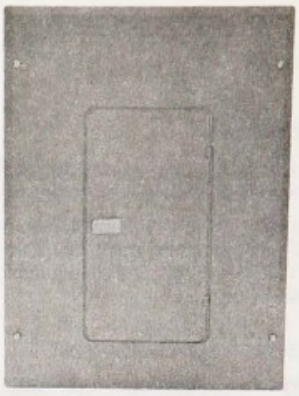
Stab-Lok® Loadcenters

Description and Application

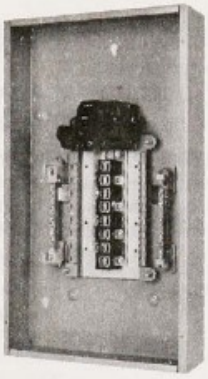


L100-0412GC (Interior)

M100-1224C
Main Breaker Load Center, Combination Flush/Surface Front.

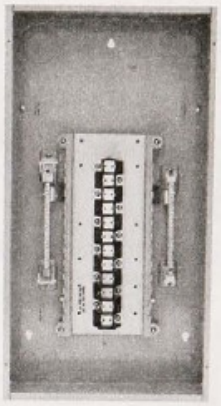


M100-1224C (Front View)



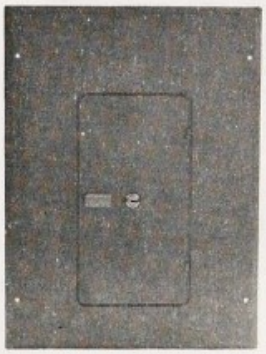
M150-1630C
150 Amp, 30 Circuit Load Center with New Split Neutral

M150-1630C (Front View)



X125-1200BC
Bolt on Load Center, 125 Amp 12 Circuit

X125-1224R (Front View)



Key Operated Door Lock

Cat. No. 12125
125 Amp — Indoor Single Disconnect Enclosure

Stab-Lok® Loadcenters

Specification Guide

Standards

Furnish and install loadcenters of the size and type indicated on the electrical plans and project specifications.

Loadcenters and circuit breakers shall be listed with Underwriters Laboratories, and meet or exceed Federal specifications W-P-115B, W-C-375B, and all requirements of the 1984 National Electrical Code.

Loadcenter Enclosures

Type 1 — Loadcenters shall be furnished in Type 1, indoor enclosures. Enclosure box and front shall be supplied in one carton and be identified by a single catalog number. Fronts shall be of the combination surface/flush design, and shall have a 3/16" return bevel and rounded corners. The door shall have a spring loaded positive latch mechanism. Sides of enclosure shall have dry wall guides embossed in them for ½ inch dry wall installation. The front of the loadcenter shall be attached with "speed" screws.

Type 3R — Loadcenters shall be furnished in Type 3R, rainproof enclosures. Enclosures shall be made of galvanized steel, and finished in ASA 61 baked gray enamel. Enclosures shall have provisions for interchangeable rainproof hubs. Where hubs are not used, a hub closing plate shall be provided.

Interiors

Current carrying parts shall be insulated and mounted on a steel sub-pan which shall be secured to the enclosures on each of the 4 interior corners. The method of attachment shall allow for field removal of the interior before installation. Branch breaker line connections shall be copper or copper alloy to copper or copper alloy; copper or copper alloy to tin plated copper alloy.

Interiors, shall have single neutral or split neutrals connected by a fully insulated copper link. Neutral shall have provision for bonding to the enclosure by a single bonding screw or bonding strap.

Interiors shall be supplied with protectors to help keep contaminant off the stab plates prior to final installation.

Branch Circuit Breakers

Branch circuit breakers shall have copper alloy line side stabs. Ampere ratings shall be silk screened or molded in and be clearly visible on each handle. Circuit breakers shall trip to the "off" position.

All branch circuit breakers shall comply with U.L. 489, and shall be U.L. listed as such.

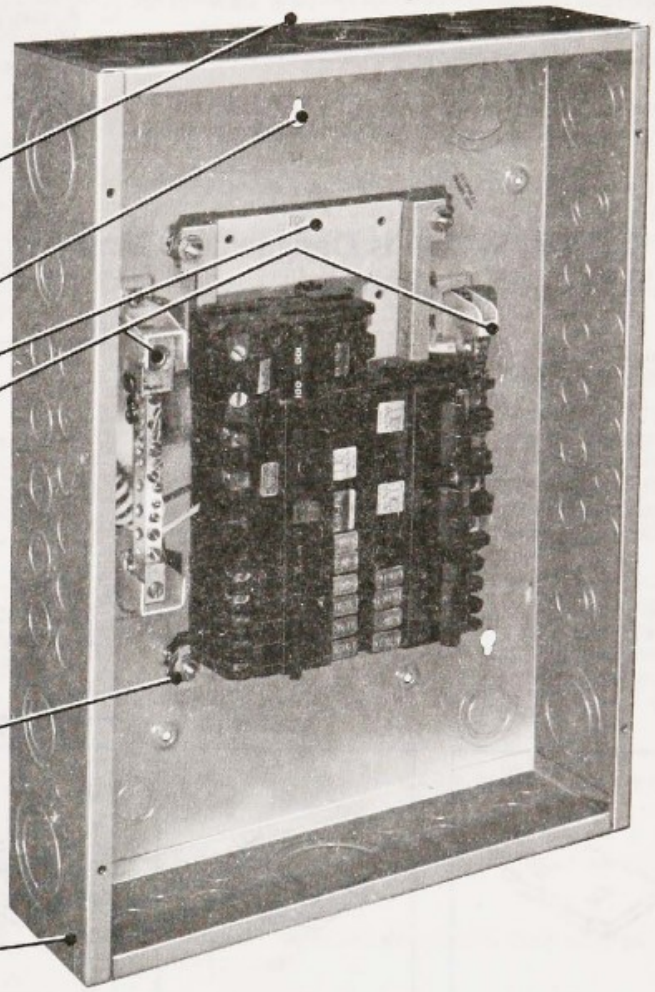
Modification to the calibration of the circuit breakers shall not be possible after the breaker is factory sealed.

All branch breakers shall be in modules of 1 inch or multiple or halves thereof. Tandam or quad breakers shall not be accepted.

Ground bars may be field installable without affecting the U.L. listing of the loadcenter. Loadcenters, to the extent possible, shall not have embosses in the front. Loadcenters 16 circuit and larger shall be 14⅜" wide to fit snugly between studs on 16" centers and shall be Federal Pacific Electric, Stab-lok design or an approved equal.

Stab-Lok® Loadcenters

Loadcenter Features & Benefits



14⅜" width fits snugly between 16" centered studs.

Bonding screw reduces installation time required to bond neutral.

3 point mounting holes for quick surface installation.

Steel interior base pan for rigid construction.

Split neutral for wire cost savings and easy installation — with non-exposed insulated tie strap.

Combination surface/flush fronts packed in each carton.

Bus protectors factory installed to help keep stab plates free of contaminants prior to installation.

Flat fronts with 3/16" bevel for true flush installations.

Positive door latch.

Removable and adjustable interior.

Copper alloy stabs & copper alloy stab plates are standard — an industry exclusive standard.

Front attaches with speed screws for fast installation.

½" dry wall guides on sides, top and bottom, flush installation easy.

Main & branch lugs rated for 75°C wire.

Stab-Lok® Circuit Breakers

The Stab-Lok Circuit Breaker System

The Stab-Lok Circuit Breaker System

The Stab-Lok circuit breaker system, was introduced in 1950.

Even today, every Stab-Lok breaker manufactured will fit into any Stab-Lok loadcenter ever made.

A unique feature of the Stab-Lok system is its male-female plug design — the only such design in the industry. Each stab makes a 4 way pressure assisted connection which locks into the stab plate for a secure electrical connection. This line connection is not simply a modified fuse clip connection.

Both stabs and stab-plates are copper alloy for a reliable copper to copper electrical connection.

All Stab-Lok breakers are thermal/magnetic in design for overload and short circuit protection. Silver-tungsten contacts are assembled such that a wiping action occurs each time the breaker is turned on, to help clean the contact surfaces.

All Stab-Lok breakers are designed with the auto reset feature. The breaker handle moves to the "off" position when it trips. There is no intermediate *barely perceptable* trip position. So even the most inexperienced person can reset it to "on" simply by moving the breaker handle to the "on" position. This feature eliminates call backs by electricians for nothing more then to show a homeowner how to turn a breaker back "on".

"Trip-free" in design, the breaker will trip even if the handle is held in the "on" position.

In addition all Stab-Lok breakers have their amp rating as well as "on" and "off" indication clearly marked on each device.

Generously sized box lugs rated for 75°C copper or aluminum wire are a standard for FPE.

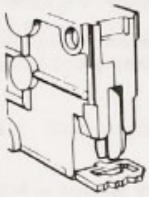
Finally, FPE's State of the Art quality program tests samples of production lots of breakers using elements of the UL follow up test sequence, and at a frequency greater than UL requires. You receive the benefits in top quality circuit breakers.

The Stab-Lok System Is Designed to Comply with the N.E.C. and UL Standards

The unique "E", "F", "I", and "T" slots in the factory installed stab plates limit the breaker pole capacity in every Stab-Lok enclosure.

The "E", F", "I", and "T" slot bussing arrangement in every Stab-Lok enclosure is engineered to accept the right combination of NA breakers and NC breakers, single- or double pole . . . the number for which the enclosure is rated, labeled and approved, fully complying with the letter and the intent of the National Electrical Code and Underwriters' Laboratories, Inc. requirements.

The "F" slot will accept only . . .

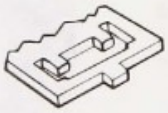


One Type NA Stab-Lok breaker pole

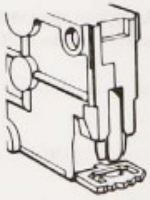
or . . . One Type NC Stab-Lok breaker pole.

Each "I" slot accepts one NC breaker only.

The "T" slot will accept one NA breaker only.

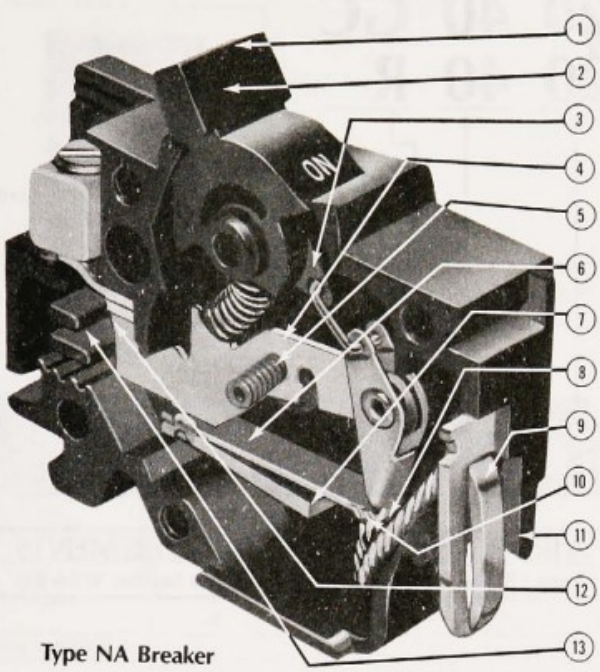


The "E" slot will accept either . . .

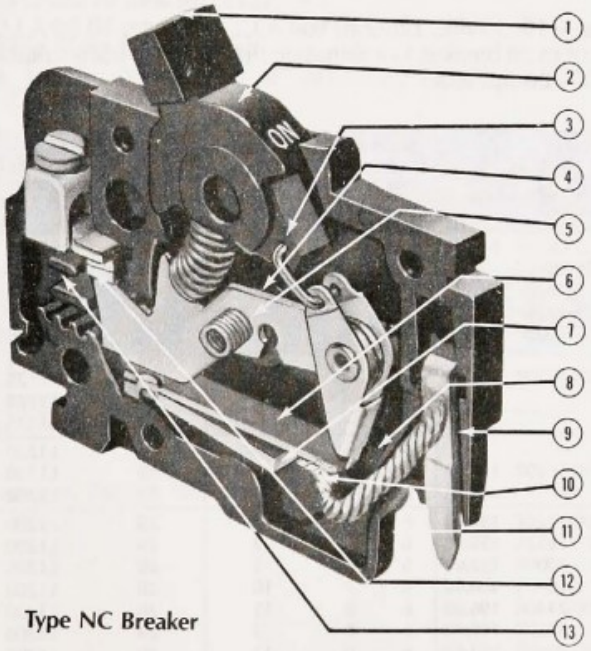


One Type NA-Stab-Lok breaker pole . . .

or . . . Two Type NC Stab-Lok breaker poles.



Type NA Breaker



Type NC Breaker

Stab-Lok Circuit Breakers

Stab-Lok — the first plug-in type, unit-pole circuit breaker system — revolutionized the installation of service entrance equipment. In addition to reliable performance, the system has been engineered for easy, time-and-money saving installations. Stab-Lok breakers have features such as:

1. Easy to see handle marking indicates continuous current rating.
2. Automatic reset feature: Handle moves to "Off" position when circuit breaker trips. Breaker is designed to be reset to "On" position by uninitiated persons.
3. Trip mechanism is "trip-free" of handle. Circuit breaker will trip regardless of handle position and cannot be overridden.
4. Machine produced and machine calibrated interior assembly provide absolute accuracy of calibration. Electrical test at final assembly station assures conformance with design standards.
5. Resilient pivot provides a cleaning, wiping action when contacts close.
6. Current carrying bimetal continuously monitors load current to provide protection from overloads.
7. High permeability magnet provides instant magnetic force to assist with quick trip should short circuit occur.
8. Polished latch surfaces for continuous, accurate protection.
9. Massive copper alloy stab provides four-way mechanical pressure for secure electrical connection. Non-aging is due to the four-way pressure and copper alloy to copper alloy connection in the panel. The stab fits loosely in the breaker so that the connection remains undisturbed when misalignment of load center components causes circuit breakers to be slightly displaced.
10. Welded internal joints for reliable continuous service under all normal conditions.
11. High impact case provides superior arc quenching and long life dielectric strength.
12. Full size contacts: Silver alloy contacts designed for long life, cool operation.
13. Arc baffles and vent designed to release arc gases harmlessly into gutter area. Internal barriers prevent gases from contaminating mechanism.

Stab-Lok® Loadcenters

Selection Tables

Stab-Lok Catalog Numbering System

L 200 - 20 40 C
M 200 - 20 40 GC
X 200 - 20 40 R

Main Designation
L = Main Lugs — Factory Installed
M = Main Breaker — Factory Installed
X = Field Installable — Main Lugs or Main Breaker
3 = 3 Phase

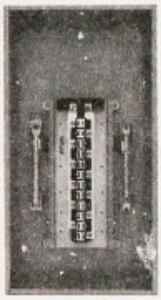
Maximum Amperes Mains Rating

040 = 40	200 = 200
060 = 60	225 = 225
100 = 100	400 = 400
125 = 125	600 = 600
150 = 150	

Maximum Quantity 1 Pole "NC" (½") Branch Breakers —

Maximum Quantity 1 Pole "NA" (1") Branch Breakers —

Enclosure Type & Options
C = Combination Flush/Surface Front Type 1
R = Outdoor — Type 3R
G = Factory Installed Ground Bar
B = Bolt-on Loadcenter (NB Branch Breakers)
APF = Apartment Riser Panel — Flush
D = Double Lugs



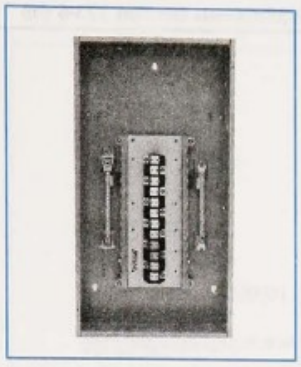
WIRE BENDING SPACE REQUIREMENTS

Meets 1984 NEC wire bending requirements (section 373-6 (b))

Convertible Loadcenters — 1Ø, 3 Wire, 120/240 Volt A.C., 60 Hertz; 10,00 A.I.C. Field installed main lugs or main breaker, Combination flush/surface front-suitable for use as service entrance equipment

Main Bus Rating	Maximum Number of Breakers				Complete Device Catalog Number & List Prices				Knockout Drawing No. Page 19-21		Wiring Diag. Figure No. Page 22-25	Main Kit Cat. No.	
	Single Pole, Type		Two Pole, Type		Type Indoor	Price	Type 3R Outdoor	Price				Breaker Prices Pg 14-15	Lugs Prices Pg 14-15
	NA	NC	NA	NC					T-1	T3R			
125 Amperes	6	12	2	4	X125-0612C	**$30.00**	X125-0612R	**$45.00**	1	2	1	NB	L1125
	8	16	4	6	X125-0816C	**47.00**	X125-0816R	**82.00**	1	2	2	NB	L1125
	12	0	6	0	X125-1200C	**56.00**	X125-1200R	**87.00**	3	4	3	NB	L1125
	12	24	6	10	X125-1224C	**77.00**	X125-1224R	**118.00**	3	4	4	NB	L1125
	16	0	8	0	X125-1600C	**64.00**	X125-1600R	**114.00**	3	5	3	NB	L1125
	16	24	8	10	X125-1624C	**98.00**	—	—	3	—	5	NB	L1125
	20	0	10	0	X125-2000C	**95.00**	X125-2000R	**126.00**	6	5	3	NB	L1125
	20	24	10	10	X125-2024C	**111.00**	—	—	6	—	6	NB	L1125
	24	0	12	0	X125-2400C	**115.00**	—	—	6	—	3	NB	L1125
150 Amperes	12	24	6	10	X150-1224C	**82.00**	—	—	6	—	4	2B	L1200
	16	30	8	14	X150-1630C	**95.00**	X150-1630R	**146.00**	6	5	7	2B	L1200
	20	30	10	14	X150-2030C	**95.00**	—	—	6	—	8	2B	L1200
200 Amperes	12	24	6	10	X200-1224C	**85.00**	X200-1224R	**130.00**	6	5	4	2B	L1200
	16	32	8	14	X200-1632C	**96.00**	X200-1632R	**150.00**	6	5	9	2B	L1200
	20	0	10	0	X200-2000C	**115.00**	X200-2000R	**152.00**	6	7	3	2B	L1200
	20	40	10	18	X200-2040C	**126.00**	X200-2040R	**188.00**	6	7	10	2B	L1200
	24	40	12	18	X200-2440C	**140.00**	X200-2440R	**196.00**	6	8	11	2B	L1200
	30	0	14	0	X200-3000C	**135.00**	X200-3000R	**189.00**	6	8	3	2B	L1200
	30	40	14	18	X200-3040C	**150.00**	X200-3040R	**203.00**	6	8	12	2B	L1200
	40	0	20	0	X200-4000C	**244.00**	X200-4000R	**314.00**	6	8	3	2B	L1200

Dimensions, Weights, Wire Sizes, Ground Bars — See Pages 17-18 Accessories — See Page 16 Circuit Breakers — See Pages 14-15



WIRE BENDING SPACE REQUIREMENTS
Meets 1984 NEC wire bending requirements (section 373-6 (b))

Convertible Loadcenters — Bolt on Branch Circuit Breakers

1 Ø, 3 wire, 120/240 volt AC, 60 Hertz, 10,000 A.I.C. Field Installed Main Lugs or Main Breaker, Combination Surface/Flush Front — Suitable for use as service entrance equipment

Main Bus Rating	Maximum No. Breakers		Complete Device Catalog No. & List Price		Knockout Drawing No. Page 19-21	Wiring Diagram Fig. No. Page 22-25	Main Kit Catalog No.	
	Type NB 1 Pole	Type NB 2 Pole	Type 1 Indoor	Price			Breaker Price Pg 14-15	Lugs Price Pg 14-15
125 Amperes	12	6	X125-1200BC	**$56.**	3	13	NB	L1125
	16	8	X125-1600BC	**64.**	3	13	NB	L1125
	20	10	X125-2000BC	**95.**	6	13	NB	L1125
200 Amperes	20	10	X200-2000BC	**115.**	6	13	2B	L1200
	30	14	X200-3000BC	**135.**	6	13	2B	L1200
	40	20	X200-4000BC	**244.**	6	13	2B	L1200
Factory Installed Main								
225 Amperes	42	20	M225-4200BC	**437.**	9	13	Fact Inst	—
	42	20	L225-4200BC[1]	**284.**	6	13	—	Fact Inst

[1] Not suitable for use as service equipment

Fusible Main Loadcenters

1 Ø, 3 wire, 120/240 volt AC, 60 Hertz; 10,000 A.I.C.

"J" Fusible Main Disconnect[2]

Combination Surface/Flush Front — Suitable for use as service entrance equipment

Main Bus Rating	Maximum Number of Breakers				Catalog No. & List Price		Knockout Drawing No. Pg. 23-25	Wiring Diagram Figure No. Pg. 26-29
	Single Pole, Type		Two Pole, Type		Type 1 Indoor	Price		
	NA	NC	NA	NC				
100 Amperes	12	20	6	8	J100-1220C	**$166.**	6	14
200 Amperes	24	40	12	18	J200-2440C	**$291.**	6	15

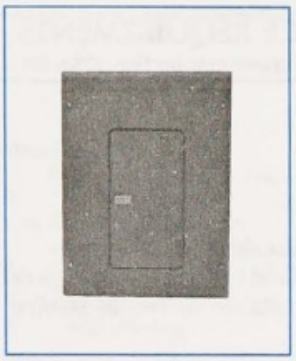
[2] Check FPE Sale Office for availability.

Dimensions, Weights, Wire Sizes, Ground Bars — See Pages 17-18 Accessories — See Page 16 Circuit Breakers — See Pages 14-15

Stab-Lok® Loadcenters

Selection Tables

WIRE BENDING SPACE REQUIREMENTS
Meets 1984 NEC wire bending requirements (section 373-6 (b))



Main Lug Loadcenters — 1Ø, 3 wire, 120/240 volt, AC; 60 Hertz; 10,000 A.I.C.
Factory Installed Main Lugs
Combination Surface/Flush Front, suitable for use as service entrance equipment, except as noted

Main AMP Rating-Max.	Maximum Number of Breakers				Complete Device Catalog Numbers & List Prices				Knockout Fig. No. Pg 19-21		Wiring Diagram Fig. No. Page 22-25
	Single Pole, Type		Two Pole, Type		Type 1 Indoor	Price	Type 3R Outdoor	Price			
	NA	NC	NA	NC					T-1	T-3R	
40 Amperes	2	2	1	0	L040-0202S[1]	**$18.10**	L040-0202R	**$38.30**	23	24	16
	2	2	1	0	L040-0202F[1]	**18.10**	—		23	—	16
60 Amperes	2	4	1	1	L060-0204S[1]	**22.70**	L060-0204R	**43.10**	10	11	17
	2	4	1	1	L060-0204F[1]	**22.70**	—		10	—	17
100 Amperes	4	12	2	2	L100-0412C[3]	**26.00**	—	—	12	—	18
125 Amperes	4	12	2	4	L125-0412C	**34.40**	L125-0412R	**53.50**	1	2	19
	8	16	4	6	L125-0816C	**45.30**	[2]	—	1	—	2
	12	0	6	0	L125-1200C	**64.00**	[2]	—	3	—	3
	16	0	8	0	L125-1600C	**77.00**	[2]	—	3	—	3
	16	24	8	10	L125-1624C	**98.00**	—	—	3	—	5
	20	24	10	10	L125-2024C	**118.00**	—	—	6	—	6
200 Amperes	12	24	6	10	[2]	—	L200-1224R	**163.00**	—	5	4
	20	30	10	14	L200-2030C	**133.00**	—	—	6	—	8
	20	40	10	18	L200-2040C	**162.00**	[2]	—	6	—	10
	30	0	14	0	L200-3000C	**171.00**	[2]	—	6	—	3
	30	40	14	18	L200-3040C	**187.00**	[2]	—	6	—	12
225 Amperes	42	0	20	0	L225-4200C[3]	**284.00**	L225-4200R	**452.00**	6	8	3

Main Lug Loadcenters — Continued
With Factory Installed Ground Bars

100 Amperes	4	12	2	2	L100-0412GC[3]	**$30.00**	—	—	12	—	18
125 Amperes	4	12	2	4	L125-0412GC	**39.60**	—	—	1	—	19
	8	16	4	6	L125-0816GC	**56.00**	—	—	1	—	2
	12	24	6	10	L125-1224GC	**85.00**	—	—	3	—	4
	16	24	8	10	L125-1624GC	**110.00**	—	—	3	—	5

[1] S = Surface Front, F = Flush Front
[2] Use Field Convertible Loadcenters, Pages 8-9.
[3] Not suitable for use as service entrance equipment.

Cat. No. TSA125-0412R, List Price — **$17.00**
Replaces interior deadfront in Cat. No. L125-0412R to convert that device to temporary service panel.

Dimensions, Weights, Wire Sizes, Ground Bars — See Pages 17-18 Accessories — See Page 16 Circuit Breakers — See Pages 14-15

WIRE BENDING SPACE REQUIREMENTS
Meets 1984 NEC wire bending requirements (section 373-6 (b))

Main Breaker Loadcenters — 1Ø, 3 wire, 120/240 volt A.C.; 60 Hertz; 10,000 A.I.C. Factory Installed Main Breaker, Combination Surface/Flush Front; suitable for use as service entrance equipment

Main AMP Rating	Maximum Number of Breakers				Complete Device Catalog Numbers & List Prices				Knockout Fig. No. Pages 19-21		Wiring Diagram Fig. No. Pages 22-25
	Single Pole, Type		Two Pole, Type		Type 1 Indoor	Price	Type 3R Outdoor	Price			
	NA	NC	NA	NC					T-1	T-3R	
100 Amperes	8	16	4	6	M100-0816C	**$118.**	M100-0816R	**$164.**	1	2	2
	12	0	6	0	M100-1200C	**130.**	[1]	—	3	—	3
	16	0	8	0	M100-1600C	**135.**	[1]	—	3	—	3
	20	0	10	0	M100-2000C	**163.**	[1]	—	6	—	3
150 Amperes	16	30	8	14	M150-1630C	**256.**	[1]	—	6	—	7
	20	30	10	14	M150-2030C	**264.**	—	—	6	—	8
200 Amperes	20	40	10	18	M200-2040C	**284.**	M200-2040R	**330.**	6	7	10
	30	40	14	18	M200-3040C	**347.**	[1]	—	6	—	12
225 Amperes	42	0	20	0	M225-4200C	**437.**	M225-4200R	**512.**	9	13	3

Main Breaker Loadcenters — Continued
With Factory Installed Ground Bars

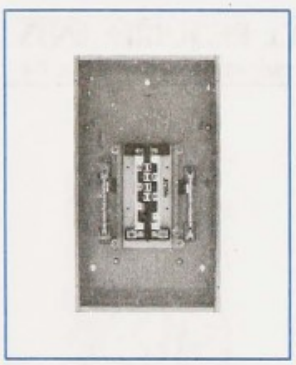
100 Amperes	8	16	4	6	M100-0816GC	**$128.**	—	—	1	—	2
	10	20	4	8	M100-1020GC	**136.**	—	—	3	—	20
150 Amperes	12	24	6	10	M150-1224GC	**230.**	—	—	6	—	4
	20	30	10	14	M150-2030GC	**272.**	—	—	6	—	8
200 Amperes	12	24	6	10	M200-1224GC	**247.**	—	—	6	—	4
	16	32	8	14	M200-1632GC	**272.**	—	—	6	—	9
	20	40	10	18	M200-2040GC	**293.**	—	—	6	—	10

[1] Use Field Convertible Loadcenters, Pages 8-9.

Dimensions, Weights, Wire Sizes, Ground Bars — See Pages 17-18 Accessories — See Page 16 Circuit Breakers — See Pages 14-15

Stab-Lok® Loadcenters

Selection Tables



WIRE BENDING SPACE REQUIREMENTS
Meets 1984 NEC wire bending requirements (section 373-6 (b))

Special Application Loadcenters, 1Ø, 3 Wire, 120/240 Volt AC, 60 Hertz, 10,000 A.I.C. Suitable for Use As Service Entrance Equipment, except as noted.

Convertible: Field Installed Main Lugs or Main Breaker
Feed Through Loadcenters — 200 Ampere, Subfeed lugs factory installed, Combination Surface/Flush Fronts

Main Bus Rating	Maximum Number of Poles				Complete Device Catalog Numbers & List Prices				Knockout Fig. No. Pages 19-21		Wiring Diagram Fig. No. Pages 22-25	Main Kit Cat. No.	
	Single Pole, Type		Two Pole, Type		Type 1 Indoor	Price	Type 3R Outdoor	Price	T-1	T-3R		Breaker Pages 14-15	Lugs Pages 14-15
	NA	NC	NA	NC									
200 Amperes	8	16	4	6	X200-0816CD	**$91.**	X200-0816RD	**$119.**	6	5	21	2B	L1200
	12	24	6	10	X200-1224CD	**161.**	—	—	6	—	22	2B	L1200

Convertible: Field Installed Main Lugs Or Main Breaker
Riser Loadcenter — Flush Mounted Enclosures; Right Side Wire Gutter Only.

125 Ampere	4	12	2	4	X125-0412APF	**$78.00**	—	—	15	—	19	NB	L1125
	8	16	4	6	X125-0816APF	**83.50**	—	—	15	—	2	NB	L1125
	12	24	6	10	X125-1224APF	**114.00**	—	—	15	—	23	NB	L1125

Barrier Kit — For use where barrier between gutter and branch conductor is required. Field installed.

Barrier Kit Cat. No.	List Price Each
RBB125-APF	**$6.55**

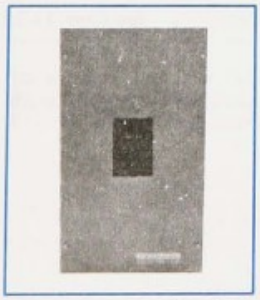
Gutter Tap Lug Kits — Kit includes 3 taps. Riser panels drilled for field installation.

Cat. No.	Wire Range		List Price
	Riser	Tap-off	
RBL150	#6 to 3/0	#14 to #2	**$50.00**
RBL250L	#2 to 250 MCM	#2 to 250 MCM	**84.50**

Apartment Conversion Loadcenter — Shallow Box
Flush Mounted Enclosure, With Door (Not Sequenced Bussed)

Main Amp Rating	Maximum Number of Breakers				Complete Device Catalog No. & List Price		Knockout Fig. No. Pgs 19-21	Wiring Diagram Fig. No. Pgs 22-25
	Single Pole, Type		Two Pole, Type		Type 1 Indoor	Price		
	NA	NC	NA	NC				
100	4	12	2	2	SL100-0412FD[1]	**$36.00**	12	18

[1] Not Suitable for use as Service Entrance Equipment.



Single Disconnect Enclosures — with Solid Neutral

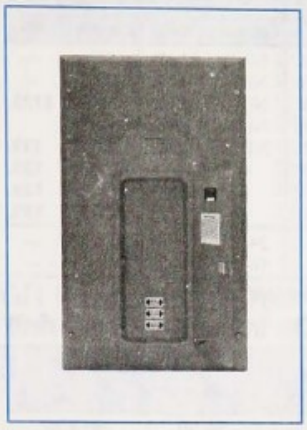
Main Amp Rating-Max.	Breaker Type Price Pgs 14-15	Catalog Numbers & List Prices				Knockout Fig. No. Pages 19-21	
		Type 1 Indoor	Price	Type 3R Outdoor	Price	T-1	T-3R
2 Pole							
125 Ampere[2]	NB,NBH	12125	**$31.20**	RH12125	**$53.00**	17	20
200 Ampere	2B	10200	**87.50**	RH10200	**135.00**	18	21
3 Pole							
100 Ampere	NA	13100	**48.20**	RH13100	**72.00**	19	22

[2] Rated 22,000 A.I.C. when used with NBH Circuit Breaker

Dimensions, Weights, Wire Sizes, Ground Bars — See Pages 17-18 Accessories — See Page 16 Circuit Breakers — See Pages 14-15

Stab-Lok® Loadcenters

Selection Tables



WIRE BENDING SPACE REQUIREMENTS
Meets 1984 NEC wire bending requirements (section 373-6 (b))

Three Phase Loadcenters — 240 Volt AC 3Ø, 3 Wire or 120/208 Volt AC 3Ø, 4 Wire, 60 Hertz; 10,000 A.I.C.
Combination Surface/Flush Front. Suitable For Use as Service Entrance Equipment, except as noted.

Convertible Loadcenter — Field installed Main Lugs or Main Breaker

Main Bus Rating-Max.	Maximum Number of Breakers				Catalog Numbers & List Prices				Knockout Fig. No. Pages 19-21		Wiring Diagram Fig. No. Pages 22-25	Main Kit Catalog No.	
	Single Pole, Type		Two Pole, Type		Type 1 Indoor	Price	Type 3R Outdoor	Price				Breaker Price Pgs 14-15	Lugs Price Pgs 14-15
	NA	NC	NA	NC					T-1	T-3R			
100	30	0	14	0	3X100-3000C	**$192.**	—	—	6	—	27	NB	3B100LB
Main Breaker Loadcenters — Factory Installed Main Breaker													
100	24	0	12	0	3M100-2400C	**$356.**	—	—	6	—	27		
125	18	36	8	16	3M125-1836C	**631.**	3M125-1836R	**$824.**	6	8	26		
150	42	0	20	0	3M150-4200C	**774.**	3M150-4200R	**1011.**	14	13	27		
200	42	0	20	0	3M200-4200C	**774.**	—	—	9	—	27		
225	42	0	20	0	3M225-4200C	**815.**	3M225-4200R	**1017.**	9	13	27		
Main Lug Loadcenters — Factory Installed Main Lugs Not Suitable for use as Service Entrance Equipment													
100	12	24	6	10	3L100-1224C	**$116.**	3L100-1224R	**$162.**	6	16	24		
	18	30	8	14	3L100-1830C	**159.**	—	—	6	—	25		
	24	30	12	14	3L100-2430C	**198.**	—	—	6	—	28		
150	18	36	8	16	3L150-1836C	**159.**	3L150-1836R	**204.**	6	16	26		
	24	42	12	20	3L150-2442C	**204.**	3L150-2442R	**267.**	6	8	29		
	30	0	14	0	3L150-3000C	**231.**	—	—	6	—	27		
200	24	42	12	20	3L200-2442C	**210.**	3L200-2442R	**274.**	6	8	29		
	42	0	20	0	3L200-4200C	**304.**	—	—	6	—	27		
225	30	0	14	0	3L225-3000C	**264.**	—	—	14	—	27		
	42	0	20	0	3L225-4200C	**321.**	—	—	14	—	27		

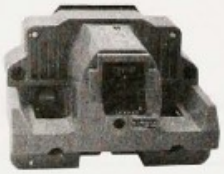
Dimensions, Weights, Wire Sizes, Ground Bars — Pages 17-18 Accessories — Page 16 Circuit Breakers — Pages 14-15

Stab-Lok® Circuit Breakers

Selection Tables

Main Circuit Breakers

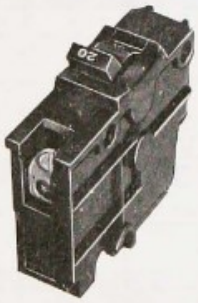
NB Design



2B Design

Main Lug Kit-L1125

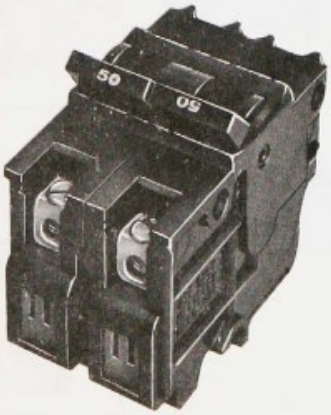
Single Pole Stab-In Breakers



NA

NC

Two-Pole Common Trip — Stab-In Breaker



NA

Two Pole Main, Common Trip — 120/240V AC — Bolt-On

Ampere Rating	NB Design[1]				2B Design	
	10,000 AIC		22,000 AIC		10,000 AIC	
	Cat. No.	Price	Cat. No.	Price	Cat. No.	Price
80	NB80	**$70.**	NB80H	**$124.**	—	—
90	NB90	**70.**	NB90H	**124.**	—	—
100	NB100	**70.**	NB100H	**124.**	2B100	**$125.**
110	NB110	**142.**	NB110H	**382.**	—	
125	NB125	**142.**	NB125H	**382.**	2B125	**139.**
150	—	—	—	—	2B150	**139.**
175	—	—	—	—	2B175	**139.**
200	—	—	—	—	2B200	**139.**
Carton Quantity	24	—	24	—	6	—
Carton Weight	16	—	16	—	15	—

[1] Also for use as tenant main in Fed-Stak® Metering

Main Lug Kits — Bolt On (rated for 75°C wire)

Poles	Max. Amp Rating	Catalog No.	List Price	Wire Range CUAL
2	125	L1125	**$6.50**	#14-2/0
2	200	L1200	**34.00**	#6-300MCM
3	100	3B100LB	**12.30**	#14-I/0

Single Pole — 10,000 A.I.C. — 120/240V AC — Stab-In

Ampere Rating	Catalog Number		List Price
	NA-1"	NC-½"	
15	15[3][2]	015[2]	**$10.60**
20	20[3][2]	020[2]	**10.60**
25	25[2]	025	**10.60**
30	30[2]	030	**10.60**
35	35[2]	035	**10.60**
40	40[2]	040	**10.60**
45	45[2]	045	**10.60**
50	50[2]	050	**10.60**
60	60[2]	—	**10.60**
Carton Quantity	60	60	—
Carton Weight	18	12	—

[2] HACR Rated [3] Switching Duty Rated

Two Pole, Common Trip — 120/240V AC — Stab-In

Ampere Rating	10,000 AIC Catalog Number			List Price	22,000 AIC Catalog No.	List Price
	NA-2"		NC-1"		NA-2"	
15	215[2]		0215[2]	**$24.00**	—	—
20	220[2]		0220[2]	**24.00**	—	—
25	225[2]		0225	**24.00**	—	—
30	230[2]		0230	**24.00**	—	—
35	235[2]		0235	**24.00**	—	—
40	240[2]		0240	**24.00**	—	—
45	245[2]		0245	**24.00**	—	—
50	250[2]		0250	**24.00**	—	—
60	2P60[2]		—	**24.00**	—	—
70	2P70		—	**49.50**	—	—
80	2P80		—	**68.50**	2P80H	**$114.**
90	2P90		—	**68.50**	2P90H	**114.**
100	2P100		—	**68.00**	2P100H	**114.**
110	2P110		—	**146.00**	2P110H	**361.**
125	2P125		—	**146.00**	2P125H	**361.**
	Thru 70 A	Bal				
Carton Qty	30	24	30	—	24	—
Weight	19	16	13	—	16	—

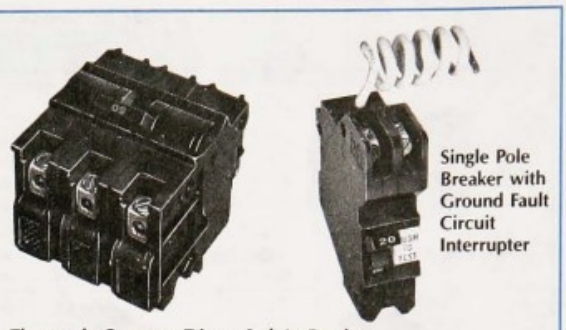
[2] HACR Rated

Stab-Lok® Circuit Breakers

Selection Tables

Three Pole, Common Trip — 10,000 A.I.C. — 240V AC — Stab-In

Ampere Rating	Catalog No.	List Price
15	3P15	$84.
20	3P20	84.
30	3P30	84.
40	3P40	84.
50	3P50	84.
60	3P60	84.
70	3P70	110.
80	3P80[1]	125.
90	3P90[1]	125.
100	3P100[1]	125.
Carton Quantity	12	—
Carton Weight	16	—



Three-pole Common Trip — Stab-In Breaker

GFI Breakers Single Pole — 10,000 A.I.C. — 120V AC — Stab-In

Ampere Rating	Catalog No.	List Price
15	NAGF15	$89.70
20	NAGF20	89.70
25	NAGF25	89.70
30	NAGF30	89.70

1 Inch Space Required 6 Per Carton - 6 Lbs.

GFI Breakers Single Pole — 10,000 A.I.C. — 120V AC — Bolt-On

Ampere Rating	Catalog No.	List Price
15	NBGF15	$89.70
20	NBGF20	89.70
25	NBGF25	89.70
30	NBGF30	89.70

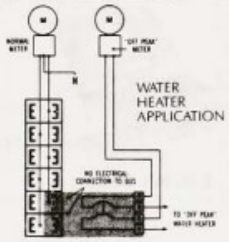
1 Inch Space Required 6 Per Carton - 6 Lbs

Special Application Circuit Breakers Two Pole, Common Trip — 10,000 A.I.C. 120/240V AC — Stab-In

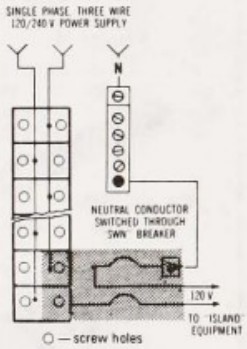
Amp	Two-Pole Common Trip 120/240V			
	Type N Switch. Neutral		Water Heater Breaker	
	Cat. No.	List Price	Cat. No.	List Price
15	N215	$34.00	WA215	$26.50
20	N220	34.00	WA220	26.50
25	N225	34.00	WA225	26.50
30	N230	34.00	WA230	26.50
35	—	—	WA235	26.50
40	—	—	WA240	26.50
45	—	—	WA245	26.50
50	—	—	WA250	26.50
Stand. Pkg.	30 (19 lbs.)		15 (19 lbs.)	

Switching Neutral — Type NB

Amp	Switching Neutral Type NB Two Pole Common Trip 120 / 240 V.	
	Catalog No.	List Price
15	NBN221015	$39.00
20	NBN221020	39.00
30	NBN221030	39.00



Switching Neutral Application



Lug Wire Ranges[2]

Circuit Breaker Type	Ampere Rating	Wire Range Cual
NAGF/NBGF	15-30	#14-6 AWG
NC	15-50	#14-4 AWG
NA/NB	15-70	#14-2 AWG
NA/NB	80-125	#6-2/0 AWG
2B	100-200	#3-250 MCM

[1] 6 per carton - 9 lbs.
[2] 15-30 Ampere are suitable for use with 60° or 75°C conductors. 35-200 Ampere are suitable for use with 75°C conductors, or 90°C conductors in accordance with Article 336, Para 336-2 & Table 310-16 of the 1984 N.E.C.
[3] HACR Rated
[4] Switching duty rated
[5] 24 per ctn, 16 Lbs
[6] 6 per ctn, 4 lbs

Branch Circuit Breakers — Bolt-On

Single Pole 120/240V. AC, 10,000 AIC			Two-Pole 120/240 V. AC				Three Pole	
			10,000 AIC		22,000 AIC		240 V. AC 10,000 AIC	
Ampere Rating	Catalog Number[3]	List Price	Catalog Number	List Price	Catalog Number	List Price	Catalog Number	List Price
15	NB111015[4]	$13.50	NB221015[3]	$29.00	—	—	NB232015	$92.
20	NB111020[4]	13.50	NB221020[3]	29.00	—	—	NB232020	92.
30	NB111030	13.50	NB221030[3]	29.00	—	—	NB232030	92.
40	NB111040	13.50	NB221040[3]	29.00	—	—	NB232040	92.
50	NB111050	13.50	NB221050[3]	29.00	—	—	NB232050	92.
60	NB111060	13.50	NB221060[3]	29.00	—	—	NB232060	92.
70	—	—	NB221070[3]	55.00	—	—	NB232070	118.
80	—	—	NB80[5]	70.00	NB80H	$124.	NB231080	136.
90	—	—	NB90[5]	70.00	NB90H	124.	NB231090[6]	136.
100	—	—	NB100[5]	70.00	NB100H	124.	NB231100[6]	136.
110	—	—	NB110[5]	142.00	NB110H	382.		
125	—	—	NB125[5]	142.00	NB125H	382.	—	—
Carton Quantity	60	—	30	—	24	—	12	—
Carton Weight	40	—	20	—	16	—	8	—