



## Features

- Rigid frame construction with isolated bus and breaker assemblies.
- Bus tied or cable tied configurations available for expedited lead times or space constraints.
- Utility pre-approved ct compartments for PSEG LI, Con Edison, First Energy and more.
- Fixed-mount or draw-out breakers for mains and feeders.
- Breaker choices: thermal-magnetic or electronic, 80% or 100% rated.
- Fusible switch or breaker/switch combination options.
- Integrated solutions: ATS, SPD, transformers, automation, metering & monitoring.
- Wide range of UL-listed breaker and fuse options.
- Voltage ratings up to 600 VAC / 250 VDC.
- Ampacity range from 400A to 5000A.
- Short-circuit ratings up to 100K AIC at 480V / 100kA at 600V.
- Type 1 or 3R enclosures with ANSI 61 or optional colors.
- Front, rear, and side accessibility.
- Copper or aluminum bus options with custom sheet-metal/bus configurations.

## DESCRIPTION

Every MR line configuration is UL 891 listed, offering the flexibility of a custom design within a standardized framework. With multiple structure options available, we can build and ship your order in rapid fashion - as little as 12 weeks

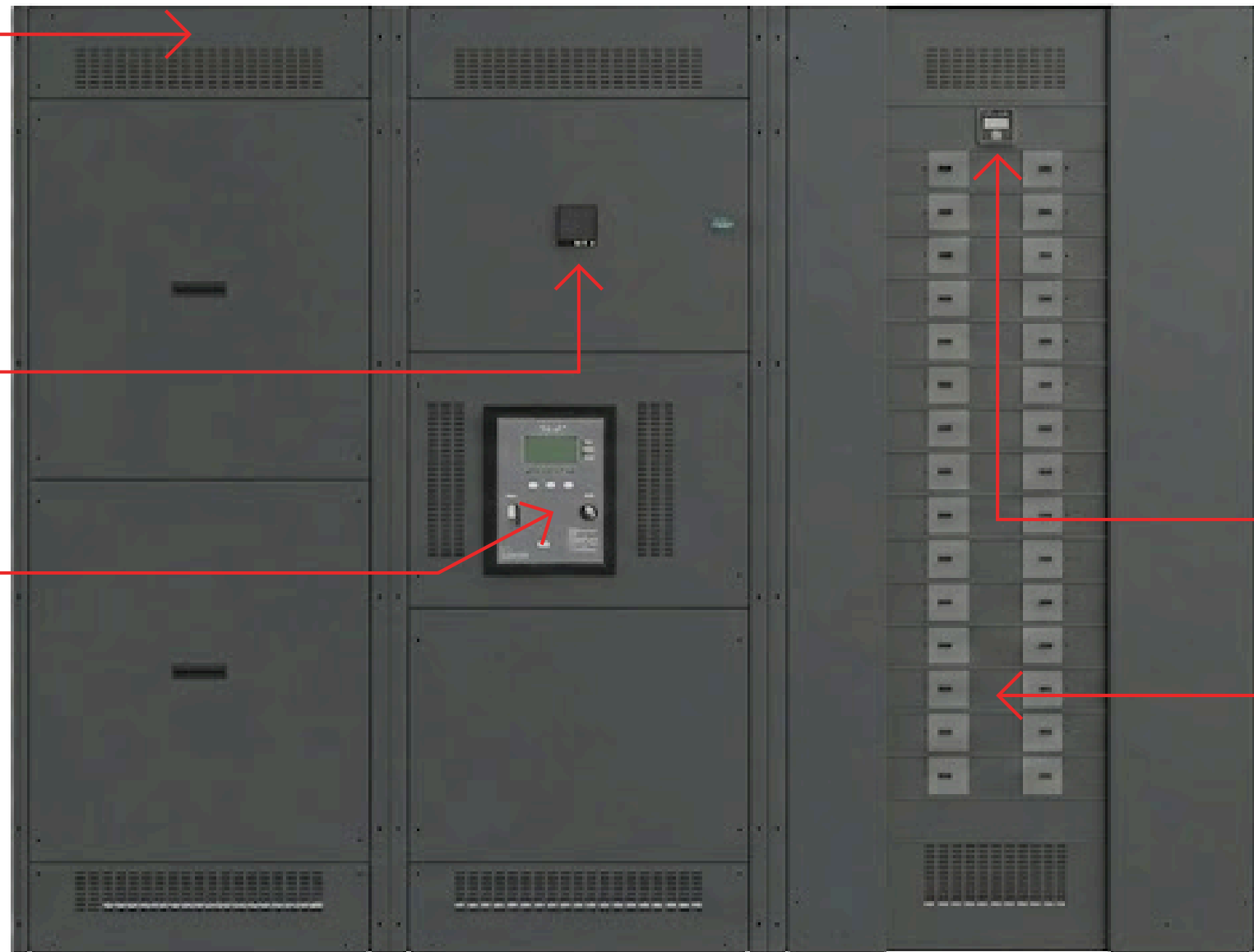
### Enclosure Construction

- NEMA Type 1
- Hot Rolled Steel
- Front Access Only
- NEMA Type 3R (Includes Space Heater)
- ANSI-61 Gray Polyester Powder Coat

### \*Digital Meter

### Main Breaker

- 2000A - 4000A
- Fixed or Drawout
- 65kAIC Withstand Rating
- See Back for Details



### \*Surge Protection Device

- Available in 300kA

### Feeder Breakers

- Up to 1200A
- 3 Pole
- Adjustable Electronic Trip

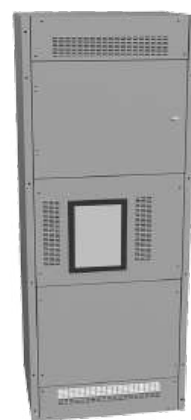
\* Indicates Optional Accessory

## STRUCTURE TYPES



### Main Lug Only

- Available as Cable Pull Section
- Optional Local Utility Metering
- 300-800 MCM Mechanical Lugs



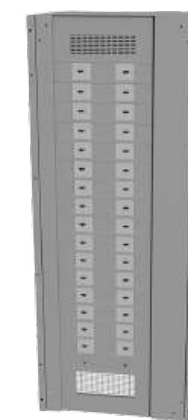
### Main Breaker

- 2000A - 4000A
- Fixed or Drawout
- Optional Service Entrance Rated
- LSIG Trip & ARMS



### Individually Mounted Feeder

- Fixed or Drawout
- 2500A & Below - Max Two per Section
- 3000A & Above - Max One per Section



### 50X Feeder Chassis

- Molded Case Breakers
- Ampacities Up to 1200A
- Available as 3 Pole
- Adjustable Electronic Trip



### Temporary Connections

- Male or Female Camlock Receptacles
- Optional Disconnect Breaker
- Snap Covers

## MAIN BREAKER & INDIVIDUALLY MOUNTED FEEDER

Breaker Frame Size	Part Adjustable Trip Range	Kaic @480V	Trip Unit	Standard Lugs Per Phase & Neutral
2000A	200A-2000A	65	LSIG	(6) 300-800MCM
2500A	200A-2500A	65	LSIG	(8) 300-800MCM
3200A	200A-3200A	65	LSIG	(10) 300-800MCM
4000A	800A-4000A	100	LSIG	(12) 300-800MCM

- Main Breaker: Neutral CT included on 4-wire systems
- Individually Mounted Feeder: Neutral CT available as optional accessory
- All breakers include ARMS
- LSIG Trip: Ground Fault Enable/Disable

## FEEDER BREAKER

Breaker Frame Size	Trip Unit	Part Adjustable Trip Range	Standard Lugs Per Phase	Optional Lugs Per Phase
125A	Fixed thermal magnetic is standard adjustable electrical trip available upon request	40-100A	(1) #14-4/0	(6) 300-800MCM
250A		100-250A	(1) #14-4/0	(8) 300-800MCM
400A		160A-400A	(2) 3/0 - 250MCM	(10) 300-800MCM
600A		250A-600A	(2) 3/0 - 250MCM	(12) 300-800MCM
800A		320A-800A	(2) 500 - 750MCM	N/A
1200A		500A-1500A	(3) 500 - 750MCM	(3) 3/0 - 400MCM

- Ground and Neutral lugs not included
- 1200A Feeder Breaker: Neutral CT available as optional accessory
- 1200A Feeder Breaker includes ARMS upon request
- LSIG Trip: Ground Fault Enable/Disable

### NEMA TYPE 1 DIMENSIONS

Ampacity (A)	Breaker Type	H	W	D
2000-3200A	Fixed	90"	36"	30"
4000A	Fixed	90"	48"	36"
2000-3200A	Drawout	90"	36"	48"
4000A	Drawout	90"	48"	48"

- Dimensions approximate
- Widths based on Main Breaker structure

### NEMA TYPE 3R DIMENSIONS

Ampacity (A)	Breaker Type	H	W	D
2000-3200A	Fixed	90"	36"	30"
4000A	Fixed	90"	48"	36"
2000-3200A	Drawout	90"	36"	48"
4000A	Drawout	90"	48"	48"

- Dimensions approximate
- Widths based on Main Breaker structure

## MAIN VACU-BREAK DISCONNECT

Amperage (A)	KAIC @480V	Fuse Class	Standard Lugs
400	100	Class J	(2) 500MCM
600	100	Class J	(2) 500MCM
800	100	Class J	(2) 500MCM
1200	100	Class J	(2) 500MCM

## BRANCH DISCONNECT

Amperage (A)	KAIC @480V	Fuse Class	Standard Lugs
30-30	100k w/Class R	Class R	(1)#4
30-60	100k w/Class R	Class R	(1)#2
60-60	100k w/Class R	Class R	(1)#2
100-60	100k w/Class R	Class R	(1) 1/0
100-100	100k w/Class R	Class R	(1) 1/0
200-200	100k w/Class R	Class R	(1)300MCM
400	100k w/Class J	Class J	(2)500MCM
600	100k w/Class J	Class J	(2)500MCM
800	100k w/Class L	Class L	(3)500MCM
1200	100k w/Class L	Class L	(3)750MCM or (4)500MCM

### Notes:

- Top or bottom feed available
- NEMA 1, 3R, 4X, 12 construction available
- SPD integration available
- Feed through configuration available

## MAIN SWITCH SECTIONS

### Notes:

- Bus tied or standalone main disconnects available.
- Bolted pressure switch or high pressure contact switching.
- Fuseable 200kAIC interruption rating up to 600V.
- Available with integrated SPD, arc flash & ground fault protection.
- 400 – 4000 Amps.

## Features

- Nav-Tech Rapid Panelboard Program enables quick power distribution solutions at competitive prices.
- Arc flash, ground fault and SPD integrations available upon request but may extend lead time.
- Rapid panel programs ship in 4 weeks or less.
- Main lug and main breaker options available.
- Branch circuits: Thermal magnetic fixed trip MCCB or Vacu-Break disconnects



Rapid Ratings	
Amps	400 - 2000A
Volts	120/208 277/480
AIC	Up to 100k
Bus Bar	Tinned copper
Enclosure Type	1, 3R
Feed Type	Main lug, Main breaker up to 1600A
Branch Circuits	Thermal magnetic fixed trip MCCB or Vaccu-break disconnects



FRONT

SIDE

Rapid Frame Sizes		
H (in)	W (in)	D (in)
65	36	13
75	36	13
75	45	13
90	45	13

