

NF Panelboards – Ready To Install (RTI)

Accessories

NF Interiors with TVSS

Mains Rating	Max. No. of circuits	TVSS Ratings		Interior*	Components for adding Vertical Main Circuit Breaker (MCB)	
		Voltage/System	Surge Rating (kA)		MCB Kit	MCB Frames
250A	42	480Y/277 3P4W	120	NF442L2TVS412	N250MJ or N250MKC	JD/G/J/L or KIL
		600Y/347 3P4W	160	NF442L2TVS416		
400A	42	480Y/277 3P4W	120	NF442L4TVS412	N400M	LAL/LHL (LC and LI available F/A only.)
		600Y/347 3P4W	160	NF442L4TVS416		
			120	NF442L4TVS812		

* For copper interiors please add "c" suffix to the part number.
Dry contacts standard.

NF with TVSS Box Selection Table

Mains Rating	Max. No. of circuits	Main Lug Panelboard Box Requirements			Main Circuit Breaker Panelboard Box Requirements		
		Type 1 Enclosure		Type 3R, 5, 12 Enclosure	Type 1 Enclosure		Type 3R, 5, 12 Enclosure
		Box	Front*	Enclosure	Box	Front*	Enclosure
250A	42	MH62	NC62()	MH62WP	MH74	NC74()	MH74WP
400A	42	MH74	NC74V()	MH74WP	MH86	NC86V()	MH86WP

* Add "S" for surface or "F" for flush.

Main Breakers and Neutral Kits (breaker not included)

MLO Interior Amps	Main Breaker Kit □		200% Neutral Kit	Copper 100% Neutral Kit
	Catalog No.	Main Breaker Type	Catalog No.	Catalog No.
100	N100MFI	FI	NFNL1	NFN1CU
125	N150MH	HD/G/J/L 125A max		
250	N250MJ	JD/G/J/L	NFNL2	NFN2CU
250	N250MKC	KI		
400	N400M	LAL/LHL (LC and LI F/A only)	NFNL4*	NFN6CU
600	Factory Assembled Only			NFN6CU*▲▼
800	MLO Only		Factory Assembled Only	

□ Order appropriate circuit breakers separately.
* Not to be used in combinations with SFL, FTL or SFB. Order Factory assembled only.
▲ Not to be used in type 3R, 4, 4x, 12 enclosures.
▼ Add 6" to box height (except when used with LC/LI MB)

Feed-Thru Lugs

(Standard Aluminum Mechanical Lugs)

A second set of lugs installed at the opposite end from the panelboard mains. Available on main lugs and main circuit breaker panelboards.

Mains Rating (A)	Feed-Thru Wire Range
125	(1) #6–2/0 Al/Cu
250	(1) #6–350 kcmil Al/Cu
400	(1) 1/0–750 kcmil or (2) 1/0–350 kcmil Al/Cu
600	(2) 1/0–600 kcmil Al/Cu

Sub-Feed (Double) Lugs

(Standard Aluminum Mechanical Lugs)

An additional mains end termination point that can be used to feed out to another panelboard or device from the incoming service lines.

Mains Rating (A)	Feed-Thru Wire Range
125	(2) #6–2/0 Al/Cu
250	(2) 1/0–350 kcmil Al/Cu
400	(2) 1/0–600 kcmil Cu
600	(4) 4/0–500 kcmil Al/Cu
800	(3) 3/0–500 kcmil Al/Cu

Sub Feed Lugs, Feed-Thru Lugs and Sub Feed Breakers

Amps	Sub Feed Lugs	Feed-Thru Lugs	Sub Feed Circuit Breaker Kits (breaker not incl.) ●	
	Aluminum	Aluminum	Single SFB	Two SFBs ■
125	NF125SFL	NF125FTL	---	---
250	NF250SFL	NF250FTL	NF250SFBH, NF250SFBJ	---
400	NF400SFL ◆	NF400FTL	---	NF600SFBH, NF600SFBJ
600	Factory Assembled Only		---	NF600SFBH, NF600SFBJ
800	Factory Assembled Only			

● Subfeed breaker kits are using HD/G/J/L or JD/G/J/L breakers respectively. Please order appropriate circuit breakers separately.
◆ Use copper wire only.
■ Available only on 30 and 42 circuit interiors. 400A MLO/MB and 600A MLO.

Box Selection Table: NF Main Lug Panelboards with Accessories (Standard mechanical lugs only)

Circuit #	Amps	Sub Feed Lugs			Feed Through Lugs			Sub Feed Circuit Breakers			
		125 A	250 A	400 A	125 A	250 A	400 A	125 A	250 A	400A	600A
18		MH26	---	---	MH32	---	---	---	---	---	---
30		MH32	MH38	MH50	MH38	MH50	MH56	---	MH56	MH68	MH68
42		---	MH44	MH56	---	MH56	MH62	---	MH62	MH74	MH74
66		---	MH62	MH74	---	MH74	MH80	---	MH80	---	---
84		---	---	MH86	---	---	---	---	---	---	---

Box Selection Table: NF Vertically Mounted Main Breaker Panelboards with Accessories

Circuit #	Amps	Feed Through Lugs				Sub Feed Circuit Breakers				Backfed Main Breaker
		125 A	250 A	400 A ●	600A	125 A	250 A	400A ●	600A	110A
18		MH44	---	---	---	---	---	---	---	MH32
30		MH50	MH62	MH68	Factory assembled only	---	MH68	MH80	---	MH38
42		---	MH68	MH74	---	---	MH74	MH86	---	---
66		---	MH86	---	---	---	---	---	---	Factory assembled only
84		---	---	---	---	---	---	---	---	---

● 400A dimensions for LA/LH main breakers only. LC/LI mains are available Factory assembled only.

NOTE:

Please contact our Customer Information Centre at 1-800-565-6699 for any questions regarding our Ready to Install or Factory Assembled offer. Various additional NF panelboard sizes and combinations are available exclusively as Factory-Assembled.