

Data Bulletin

NF Lighting Panelboard—Series 0 to E1 Lighting Panelboard Catalog Number Comparison

Class 1670

Retain for future use.

NF lighting panelboard interiors have undergone a series change. Some of the kits associated with NF have new catalog numbers. This data bulletin provides a comparison of the catalog numbers between Series 0 kits and Series E1 kits.

PLEASE NOTE THE FOLLOWING:

- NF panelboard interiors and kits manufactured prior to October 2008 have a blank series field on the nameplate. These products will be referred to as “Series 0.”
- NF panelboard interiors manufactured October 2008 and later will be marked as “Series E1.”
- Series E1 kits are **not** compatible with Series 0 interiors and Series 0 kits are **not** compatible with Series E1 interiors. An exception is that the Main Circuit Breaker kits are compatible with both series interiors; therefore, Main Circuit Breaker kit catalog numbers will not change.
- NF interior catalog numbers will not change, only the series number will change (Series 0 to Series E1).
- NF single phase, 3-wire interiors are available as factory assembled only.
- NF 54-circuit single phase, 3-wire and three phase, 4-wire interiors are available as factory assembled only. For RTI applications greater than 42-pole spaces, select an NF interior with 66- or 84-pole spaces.

Table 1: Sub-Feed Circuit Breaker

Kit Compatible with Series 0 NF Interiors		Kit Compatible with Series E1 NF Interiors	
Catalog No.	Description	Catalog No.	Description
N250SFBJ	NF 250 A J-Frame Sub Feed C/B Kit	NF250SFBJ	NF 250 A J-Frame Sub Feed C/B Kit
	New NF Kit	NF250SFBH	NF 250 A H-Frame Sub Feed C/B Kit
N600SFBJ	NF 600 A J-Frame Sub Feed C/B Kit	NF600SFBJ	NF 600 A J-Frame Sub Feed C/B Kit
	New NF Kit	NF600SFBH	NF 600 A H-Frame Sub Feed C/B Kit

Table 2: Feed-Through Lugs

Kit Compatible with Series 0 NF Interiors		Kit Compatible with Series E1 NF Interiors	
Catalog No.	Description	Catalog No.	Description
N125FTL	NF 125 A AL Feed-Through Lugs Kit	NF125FTL	NF 125 A AL Feed-Through Lugs Kit
N125FTLC	NF 125 A CU Feed-Through Lugs Kit	Use AL Kit	
N250FTL	NF 250 A AL Feed-Through Lugs Kit	NF250FTL	NF 250 A AL Feed-Through Lugs Kit
N250FTLC	NF 250 A CU Feed-Through Lugs Kit	Use AL Kit	
N400FTL	NF 400 A AL Feed-Through Lugs Kit	NF400FTL	NF 400 A AL Feed-Through Lugs Kit
N400FTLC	NF 400 A CU Feed-Through Lugs Kit	Use AL Kit	

Table 3: Sub-Feed Lugs

Kit Compatible with Series 0 NF Interiors		Kit Compatible with Series E1 NF Interiors	
Catalog No.	Description	Catalog No.	Description
N125SFL	NF 125 A AL Sub-feed Lugs Kit	NF125SFL	NF 125 A AL Sub-feed Lugs Kit
N125SFLC	NF 125 A CU Sub-feed Lugs Kit	Use AL Kit	
N250SFL	NF 250 A AL Sub-feed Lugs Kit	NF250SFL	NF 250 A AL Sub-feed Lugs Kit
N250SFLC	NF 250 A CU Sub-feed Lugs Kit	Use AL Kit	
N400SFL	NF 400 A AL Sub-feed Lugs Kit	NF400SFL	NF 400 A AL Sub-feed Lugs Kit
N400SFLC	NF 400 A CU Sub-feed Lugs Kit	Use AL Kit	

Table 4: Optional Main Lug Kits for NF MLO Panelboards

Kit Compatible with Series 0 NF Interiors		Kit Compatible with Series E1 NF Interiors	
Catalog No.	Description	Catalog No.	Description
NALV1	NF 125 A AL Compression Lug Kit	NFALV1	NF 125 A AL Compression Lug Kit
NALV2	NF 250 A AL Compression Lug Kit	NFALV2	NF 250 A AL Compression Lug Kit
NALV4	NF 400 A AL Compression Lug Kit	NFALV4	NF 400 A AL Compression Lug Kit
NALV6	NF 600 A AL Compression Lug Kit	NFALV6	NF 600 A AL Compression Lug Kit
NCUM1	NF 125 A CU Mechanical Lug Kit	NFCUM1	NF 125 A CU Mechanical Lug Kit
NCUM2	NF 250 A CU Mechanical Lug Kit	NFCUM2	NF 250 A CU Mechanical Lug Kit
NCUM4	NF 400 A CU Mechanical Lug Kit	NFCUM4	NF 400 A CU Mechanical Lug Kit
NCUM6	NF 600 A CU Mechanical Lug Kit	NFCUM6	NF 600 A CU Mechanical Lug Kit
NCUV1	NF 125 A CU Compression Lug Kit	NFCUV1	NF 125 A CU Compression Lug Kit
NCUV2	NF 250 A CU Compression Lug Kit	NFCUV2	NF 250 A CU Compression Lug Kit
NCUV4	NF 400 A CU Compression Lug Kit	NFCUV4	NF 400 A CU Compression Lug Kit
NCUV6	NF 600 A CU Compression Lug Kit	NFCUV6	NF 600 A CU Compression Lug Kit

Table 5: Back-fed EDB Main Circuit Breaker Interiors

Series 0 NF Interiors				Series E1 NF Interiors			
Interior ¹	NEMA Type 1		NEMA Type 3R, 5, 12	Interior ³	NEMA Type 1		NEMA Type 3R, 5, 12
	Box	Mono-Flat Front ²	Weatherproof Enclosure		Box	Mono-Flat Front ²	Weatherproof Enclosure
NF418M1	MH32	NC32()	MH32WP	NF418L1	MH26	NC26()	MH26WP
NF418M1C	MH32	NC32()	MH32WP	NF418L1C	MH26	NC26()	MH26WP
NF430M1	MH38	NC38()	MH38WP	NF430L1	MH32	NC32()	MH26WP
NF430M1C	MH38	NC38()	MH38WP	NF430L1C	MH32	NC32()	MH32WP
NF442M1	MH44	NC44()	MH44WP	NF442L2	MH44	NC44()	MH32WP
NF442M1C	MH44	NC44()	MH44WP	NF442L2C	MH44	NC44()	MH44WP

¹ Distributed only in the USA.

² Replace the () at the end of the catalog number with an F for flush-mounted or an S for surface-mounted.

³ Back-fed EDB 125 A (110 A max at 600/347 Vac) 3-pole main circuit breaker must be ordered separately and field installed. Main circuit breaker uses 3-pole spaces.

Table 6: NF Merchandised Interiors with TVSS—Three Phase, Four-Wire

New NF Series E1 Interiors with TVSS							
Mains Rating	Max. Breaker Spaces	TVSS Ratings		Interior	NEMA Type 1		NEMA Type 3R, 5, 12
		Voltage	Surge Rating		Box	Mono-Flat Front ¹	Weatherproof Enclosures
250 A	42	480Y/277 Vac	120	NF442L2TVS412	MH62	NC62()	MH62WP
				NF442L2TVS412C			
			160	NF442L2TVS416			
		600Y/347 Vac	120	NF442L2TVS416C			
				NF442L2TVS812			
			NF442L2TVS812C				
400 A	42	480Y/277 Vac	120	NF442L4TVS412	MH74	NC74()	MH74WP
				NF442L4TVS412C			
			160	NF442L4TVS416			
		600Y/347 Vac	120	NF442L4TVS416C			
				NF442L4TVS812			
			NF442L4TVS812C				

¹ Replace the () at the end of the catalog number with an F for flush-mounted or an S for surface-mounted.

Table 7: NF Accessories

Description	Catalog No.	
	Kit Compatible with Series 0 NF Interiors	Kit Compatible with Series E1 NF Interiors
Filler Plate(s)	EFP	NFFP15

Table 8: 100% Copper Neutral Kit

Mains Ampacity	Catalog No.	
	Kit Compatible with Series 0 NF Interiors	Kit Compatible with Series E1 NF Interiors
125 A	New NF Kit	NFN1CU
250 A		NFN2CU
400/600 A		NFN6CU

Table 9: 200% Copper Neutral Kit

Mains Ampacity	Catalog No.	
	Kit Compatible with Series 0 NF Interiors	Kit Compatible with Series E1 NF Interiors
125 A	New NF Kit	NFNL1
250 A		NFNL2
400 A		NFNL4

Table 10: Rail Extension Kit

Mains Ampacity	Catalog No.	
	Kit Compatible with Series 0 NF Interiors	Kit Compatible with Series E1 NF Interiors
6 in.	New NF Kit	NF6RDE
12 in.		NF12RDE
18 in.		NF18RDE

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