

NQ 240Vac Ready-to-Install Panelboards

Step 1

Select your main lug interior

Mains Amp Rating	Circuit Count	Aluminum		Copper		Mounting Inches Required
		1 Phase	3 Phase	1 Phase	3 Phase	
100	18	NQ18L1	NQ418L1	NQ18L1C	NQ418L1C	26
	30	NQ30L1	NQ430L1	NQ30L1C	NQ430L1C	32
225	30	NQ30L2	NQ430L2	NQ30L2C	NQ430L2C	32
	42	NQ42L2	NQ442L2	NQ42L2C	NQ442L2C	38
	72*	NQ72L2*	NQ472L2*	NQ72L2C*	NQ472L2C*	44
	84*	NQ84L2*	NQ484L2*	NQ84L2C*	NQ484L2C*	50
400	30	NQ30L4	NQ430L4	NQ30L4C	NQ430L4C	50
	42	NQ42L4	NQ442L4	NQ42L4C	NQ442L4C	50
	72*	—	NQ472L4*	—	NQ472L4C*	62
	84*	—	—	NQ84L4C*	NQ484L4C*	68
600	30	—	—	NQ30L6C	NQ430L6C	50
	42	—	—	NQ42L6C	NQ442L6C	50
	84*	—	—	NQ84L6C*	NQ484L6C*	68

*Available in U.S. localities that have adopted 2008 NEC®

Step 2a

Do you need a main circuit breaker for your interior? If yes, choose your main circuit breaker kit from table 2a and lug-lug circuit breaker from table 2b

Mains Amp Rating	Main Circuit Breaker Kit			Additional Mounting Inches Required
	Q	H & J	L	
100	QOB*	—	—	0
225	NQMB2Q	NQMB2HJ	—	12
400	—	—	NQMB4LA	12
"12" Space Only" Provisions for MCB Kits	NQ12RDE	NQ12RDE	NQ12RDE	12

*Use backfed QOB as main circuit breaker

Step 2b

Mains Amp Rating	Lug-Lug Main Circuit Breaker (interrupting ratings at 240Vac)				
	QB (10,000A)	QD (25,000A)	HD & JD (25,000A)	LAL (42,000A)	
2 Pole	125A	QBL22125	QDL22125	HDL26125	—
	150A	QBL22150	QDL22150	HDL26150	—
	200A	QBL22200	QDL22200	JDL26200	—
	225A	QBL22225	QDL22225	JDL26225	—
	300A	—	—	—	LAL26300
3 Pole	125A	QBL32125	QDL32125	HDL36125	—
	150A	QBL32150	QDL32150	HDL36150	—
	200A	QBL32200	QDL32200	JDL36200	—
	225A	QBL32225	QDL32225	JDL36225	—
	300A	—	—	—	LAL36300
400A	—	—	—	LAL36400	

Step 3

Do you need ground bars or non-standard neutrals?

Mains Amp Rating	Non-standard Neutrals		Ground Bars		Additional Mounting Inches Required
	100% Copper	200% Copper	Aluminum	Copper	
100	NQN1CU	NQNL1*	PK27GTA	PK27GTACU	0
225	NQN2CU	NQNL2*	PK27GTA	PK27GTACU	0
400	NQN6CU	NQNL4*	PK27GTA	PK27GTACU	0
600	NQN6CU	—	PK27GTA	PK27GTACU	0

*Do not use in combination with through-feed lug, sub-feed lug or sub-feed circuit breaker RTI kits

Step 4

Do you need sub-feed lugs, feed-through lugs or sub-feed circuit breakers? (not to be used in combination with 200% neutral kit)

Mains Amp Rating	Sub-Feed Lugs (mounts on the incoming mains end of panel)*	Additional Mounting Inches Required
100	NQSFL1	0
225	NQSFL2	6
400	NQSFL4	0
"6" Space Only" Provisions for NQSFL2 Kit	NQ6RDE	6
Mains Amp Rating	Feed Through Lugs (mounts at opposite end from incoming mains)*	Additional Mounting Inches Required
225A (30 ckt)	NQFTL2L	6
225A (42 ckt)	NQFTL2L	0
225A (72 & 84 ckt)	NQFTL2H	6
400A (30 ckt)	NQFTL4L	0
400A (42 ckt)	NQFTL4L	6
400A (72 ckt)	NQFTL4H	6
400A (84 ckt)	NQFTL4H	0
"6" Space Only" Provisions for NQFTLxx Kits	NQ6RDE	6
Mains Amp Rating	Sub-Feed Circuit Breakers** (mounts at opposite end from incoming mains)*	Additional Mounting Inches Required
225A (one Q Frame)	NQSFB2Q	18
225A (one H or J Frame)	NQSFB2HJ	18
400A (two Q Frame circuit breakers) (30, 42 & 72 ckt MLO or 30 ckt MCB)	NQSFB4Q	24
400A (two H/J Frame circuit breakers) (30, 42 & 72 ckt MLO or 30 ckt MCB)	NQSFB4HJ	24
"18" Space Only" Provisions for NQSFB2Q & 2HJ Kits	NQ18RDE	18
"24" Space Only" Provisions for NQSFB4Q & 4HJ Kits	NQ24RDE	24

*Use factory assembled panel if 200% neutral required with this option

**Sub-feed circuit breaker not included. Select separately from Table 2b

Step 5

Total up the mounting inches required for your panel. Proceed to Step 6 to select your box and cover

Interior (Step 1)	
Main Circuit Breaker (Step 2)	
Neutrals & Ground Bars (Step 3)	
SFL, FTL or Sub-Feed C/B (Step 4)	
Total	

NOTE: Total should not exceed 86"

Step 6

Using the total mounting inches required from Step 5, select the box and trim you need for your panel

Total Mounting Inches	Type 1 Box	Mono-Flat Trim (Type 1)		Hinged Trim (Type 1)		Type 3R & 12 Box	
		Surface Cover	Flush Cover	Surface Cover	Flush Cover		
100A & 225A	26	MH26	NC26S	NC26F	NC26SHR	NC26FHR	MH26WP
	32	MH32	NC32S	NC32F	NC32SHR	NC32FHR	MH32WP
	38	MH38	NC38S	NC38F	NC38SHR	NC38FHR	MH38WP
	44	MH44	NC44S	NC44F	NC44SHR	NC44FHR	MH44WP
	50	MH50	NC50S	NC50F	NC50SHR	NC50FHR	MH50WP
	56	MH56	NC56S	NC56F	NC56SHR	NC56FHR	MH56WP
	62	MH62	NC62S	NC62F	NC62SHR	NC62FHR	MH62WP
	68	MH68	NC68S	NC68F	NC68SHR	NC68FHR	MH68WP
	74	MH74	NC74S	NC74F	NC74SHR	NC74FHR	MH74WP
	80	MH80	NC80S	NC80F	NC80SHR	NC80FHR	MH80WP
400A & 600A	50	MH50	NC50VS	NC50VF	NC50VSHR	NC50VFHR	MH50WP*
	56	MH56	NC56VS	NC56VF	NC56VSHR	NC56VFHR	MH56WP*
	62	MH62	NC62VS	NC62VF	NC62VSHR	NC62VFHR	MH62WP*
	68	MH68	NC68VS	NC68VF	NC68VSHR	NC68VFHR	MH68WP*
	74	MH74	NC74VS	NC74VF	NC74VSHR	NC74VFHR	MH74WP*
	80	MH80	NC80VS	NC80VF	NC80VSHR	NC80VFHR	MH80WP*
	86	MH86	NC86VS	NC86VF	NC86VSHR	NC86VFHR	MH86WP*

Consult Digest for 600A Type 3R/12 enclosure selection.

Step 7

Select the branch circuit breakers needed to mount in your panel

Amp Rating	QOB "bolt-on" Circuit Breakers*						
	1 Pole (120Vac)		2 Pole (120/240Vac)		2 Pole (240Vac)**		3 Pole (240Vac)
	10,000 AIR	22,000 AIR	10,000 AIR	22,000 AIR	10,000 AIR	10,000 AIR	22,000 AIR
15	QOB115	QOB115VH	QOB215	QOB215VH	QOB215H	QOB315	QOB315VH
20	QOB120	QOB120VH	QOB220	QOB220VH	QOB220H	QOB320	QOB320VH
25	QOB125	QOB125VH	QOB225	QOB225VH	QOB225H	QOB325	QOB325VH
30	QOB130	QOB130VH	QOB230	QOB230VH	QOB230H	QOB330	QOB330VH
35	QOB135	—	QOB235	—	—	QOB335	—
40	QOB140	—	QOB240	QOB240VH	QOB240H	QOB340	QOB340VH
45	QOB145	—	QOB245	—	—	QOB345	—
50	QOB150	—	QOB250	QOB250VH	QOB250H	QOB350	QOB350VH
60	QOB160	—	QOB260	QOB260VH	QOB260H	QOB360	QOB360VH
70	QOB170	—	QOB270	QOB270VH	QOB270H	QOB370	QOB370VH
80	—	—	QOB280	QOB280VH	QOB280H	QOB380	QOB380VH
90	—	—	QOB290	QOB290VH	QOB290H	QOB390	QOB390VH
100	—	—	QOB2100	QOB2100VH	QOB2100H	QOB3100	QOB3100VH
110	—	—	QOB2110	QOB2110VH	—	—	QOB3110VH
125	—	—	QOB2125	QOB2125VH	—	—	QOB3125VH

*QO "plug-on" circuit breakers can be used in NQ.

** Used for 120/240 Vac "High Leg" Delta Systems

Amp Rating	QOB Speciality Circuit Breakers				
	1 Pole (120Vac)		2 Pole (120/240Vac)		
	10,000 AIR	22,000 AIR	10,000 AIR	22,000 AIR	
GFI	15	QOB115GFI	QOB115VHGF	QOB215GFI	—
	20	QOB120GFI	QOB120VHGF	QOB220GFI	—
	30	QOB130GFI	QOB130VHGF	QOB230GFI	—
CAFI	15	QOB115CAFI	QOB115CAFI	—	—
	20	QOB120CAFI	QOB120CAFI	—	—



Merchandised NQ Accessories

Description	Application	Catalog No.
Equipment Ground Bars	Aluminum	PK27GTA
	PK23GTA + #1 to #4/0 Al/Cu lug	PK23GTAL
	Copper	PK27GTACU
	Insulator Kit	PKGTAB
Filler Plate (15 per package)		NQFP15
Plastic Stick-on Directory Pouch		8003115901
Directory Cards		8003115801
Circuit Numbering Strips	Odd-Even 1-102	NQ102OE
	Sequential 1-102	NQ102S
	Odd-Even 103-204	NQ204OE
	Sequential 103-204	NQ204S
Lock	Type 1	PK22FL
Key — NSR-251	All Locks	LP9618
	6" Extension	NQ6RDE
	12" Extension	NQ12RDE
	18" Extension	NQ18RDE
Rail and Deadfront Extensions	24" Extension	NQ24RDE
Handle Padlock Attachment	Branches	HLO1
Drip Hood for Standard Enclosures	20" Wide	MHT2DH20



by Schneider Electric

NF 480Y/277Vac Ready-to-Install Panelboards

Step 1

Select your main lug interior

Mains Amp Rating	Circuit Count	3 Phase		Mounting Inches Required
		Aluminum	Copper	
100	18	NF418L1	NF418LIC	26
	30	NF430L1	NF430L1C	32
250	30	NF430L2	NF430L2C	38
	42	NF442L2	NF442L2C	44
400	66*	NF466L2*	NF466L2C*	62
	30	NF430L4	NF430L4C	50
	42	NF442L4	NF442L4C	56
	66*	NF466L4*	NF466L4C*	74
600	84*	NF484L4*	NF484L4C*	86
	30	—	NF430L6C	50
	42	—	NF442L6C	56
	66*	—	NF466L6C*	74
	84*	—	NF484L6C*	86

*Available in U.S. localities that have adopted 2008 NEC®

Step 2a

Do you need a main circuit breaker for your interior?
If yes, choose your main circuit breaker kit from table 2a and lug-lug circuit breaker from table 2b

Mains Amp Rating	Main Circuit Breaker Kit			Additional Mounting Inches Required
	E	H&J	L	
100	EDB*	—	—	0
150	—	N150MH	—	12
250	—	N250MJ	—	12
400A (30, 42 & 66 ckt only)	—	—	N400M	12
"12" Space Only Provisions for MCB Kits	—	NF12RDE	NF12RDE	12

*Use backed EDB as main circuit breaker

Step 2b

Mains Amp Rating	3 Pole Lug-Lug Main Circuit Breaker for NF Panel (Interrupting Ratings at 480/277Vac)			
	HD/JD (18,000 AIR)	HG/JG (35,000 AIR)	LA (30,000 AIR)	LH (35,000 AIR)
125	HDL36125	HGL36125	—	—
150	HDL36150	HGL36150	—	—
200	JDL36200	JGL36200	—	—
225	JDL36225	JGL36225	—	—
250	JDL36250	JGL36250	—	—
300	—	—	LAL36300	LHL36300
400	—	—	LAL36400	LHL36400

Step 3

Do you need ground bars or non-standard neutrals?

Mains Amp Rating	Non-standard Neutrals		Grounds Bars		Additional Mounting Inches Required
	100% Copper	200% Copper	Aluminum	Copper	
125	NFN1CU	NFNL1*	PK27GTA	PK27GTACU	0
250	NFN2CU	NFNL2*	PK27GTA	PK27GTACU	0
400	NFN6CU	NFNL4*	PK27GTA	PK27GTACU	0
600	NFN6CU	—	PK27GTA	PK27GTACU	0

*Do not use in combination with through-feed lug, sub-feed lug or sub-feed circuit breaker RTI kits

Step 4

Do you need sub-feed lugs, feed-through lugs or sub-feed circuit breakers? (not to be used in combination with 200% neutral kit)

Mains Amp Rating	Sub-Feed Lugs (mounts on the incoming mains end of panel)*	Additional Mounting Inches Required
125	NF125SFL	0
250	NF250SFL	0
400	NF400SFL	0
Mains Amp Rating	Feed Through Lugs (mounts at opposite end from incoming mains)*	Additional Mounting Inches Required
125	NF125FTL	6
250	NF250FTL	12
400	NF400FTL	6
"6" Space Only Provisions for NF125FTL & NF400FTL Kits		6
"12" Space Only Provisions for NF250FTL Kit		12
Mains Amp Rating	Sub-Feed Circuit Breakers** (mounts at opposite end from incoming mains)*	Additional Mounting Inches Required
250A (one J Frame)		18
400A (two J Frame C/B's) (30 & 42 ckt MLO or MCB only)		18
"18" Space Only Provisions for NFxxxSFBJ Kits		18

*Use factory assembled panel if 200% neutral required with this option

**Sub-feed circuit breaker not included. Select separately from Table 2b

Step 5

Total up the mounting inches required for your panel. Proceed to Step 6 to select your box and cover

Interior (Step 1)	
Main Circuit Breaker (Step 2)	
Neutrals & Ground Bars (Step 3)	
SFL, FTL or Sub-Feed C/B (Step 4)	
Total	

NOTE: Total should not exceed 86"

Step 6

Using the total mounting inches required from Step 5, select the box and trim you need for your panel

Total Mounting Inches	Type 1 Box	Mono-Flat Trim (Type 1)		Hinged Trim (Type 1)		Type 3R & 12 Box	
		Surface Cover	Flush Cover	Surface Cover	Flush Cover		
100A & 250A	26	MH26	NC26S	NC26F	NC26SHR	NC26FHR	MH26WP
	32	MH32	NC32S	NC32F	NC32SHR	NC32FHR	MH32WP
	38	MH38	NC38S	NC38F	NC38SHR	NC38FHR	MH38WP
	44	MH44	NC44S	NC44F	NC44SHR	NC44FHR	MH44WP
	50	MH50	NC50S	NC50F	NC50SHR	NC50FHR	MH50WP
	56	MH56	NC56S	NC56F	NC56SHR	NC56FHR	MH56WP
	62	MH62	NC62S	NC62F	NC62SHR	NC62FHR	MH62WP
	68	MH68	NC68S	NC68F	NC68SHR	NC68FHR	MH68WP
400A & 600A	74	MH74	NC74S	NC74F	NC74SHR	NC74FHR	MH74WP
	80	MH80	NC80S	NC80F	NC80SHR	NC80FHR	MH80WP
	50	MH50	NC50VS	NC50VF	NC50VSHR	NC50VFHR	MH50WP*
	56	MH56	NC56VS	NC56VF	NC56VSHR	NC56VFHR	MH56WP*
	62	MH62	NC62VS	NC62VF	NC62VSHR	NC62VFHR	MH62WP*
	68	MH68	NC68VS	NC68VF	NC68VSHR	NC68VFHR	MH68WP*
	74	MH74	NC74VS	NC74VF	NC74VSHR	NC74VFHR	MH74WP*
	80	MH80	NC80VS	NC80VF	NC80VSHR	NC80VFHR	MH80WP*
86	MH86	NC86VS	NC86VF	NC86VSHR	NC86VFHR	MH86WP*	

*WP not available in RTI for 600A panels. Use factory assembled.

Step 7

Select the branch circuit breakers needed to mount in your panel

Amp Rating	EDB "bolt-on" Circuit Breakers (18,000A Interrupting Rating)*		
	1 Pole (277Vac)	2 Pole (480/277Vac)	3 Pole (480/277Vac)
15	EDB14015	EDB24015	EDB34015
20	EDB14020	EDB24020	EDB34020
25	EDB14025	EDB24025	EDB34025
30	EDB14030	EDB24030	EDB34030
35	EDB14035	EDB24035	EDB34035
40	EDB14040	EDB24040	EDB34040
45	EDB14045	EDB24045	EDB34045
50	EDB14050	EDB24050	EDB34050
60	EDB14060	EDB24060	EDB34060
70	EDB14070	EDB24070	EDB34070
80	—	EDB24080	EDB34080
90	—	EDB24090	EDB34090
100	—	EDB24100	EDB34100
125	—	EDB24125	EDB34125

*Not suitable for use on 480Vac Delta systems

Amp Rating	EDB Equipment Protection Devices 1-Pole, 277Vac, 30mA GFI*
	1 Pole
15	EDB14015EPD
20	EDB14020EPD
30	EDB14030EPD
40	EDB14040EPD
50	EDB14050EPD

*Not suitable for use on 480Vac Delta systems



Merchandise NF Accessories

Description	Application	Catalog No.
Equipment Ground Bars	Aluminum	PK27GTA
	Copper	PK27GTACU
	PK23GTA + #1 to #4/0 Al/Cu lug	PK23GTAL
	Insulator Kit	PKGTAB
Filler Plate (15 per package)	—	NFFP15
Plastic Stick-on Directory Pouch	—	8003115901
Directory Cards	—	8003115801
Circuit Numbering Strips	Odd-Even 1-102	NF102OE
	Sequential 1-102	NF102S
	Odd-Even 103-204	NF204OE
	Sequential 103-204	NF204S
Rail and Deadfront Extensions	6" Extension	NF6RDE
	12" Extension	NF12RDE
	18" Extension	NF18RDE
Lock - Enclosures	Type 1	PK22FL
Key - NSR-251	All Locks	LP9618
Handle Padlock Attachment	Branches	HPAFD
Drip Hood for Standard Enclosure	20" Wide	MHT2DH20



by Schneider Electric