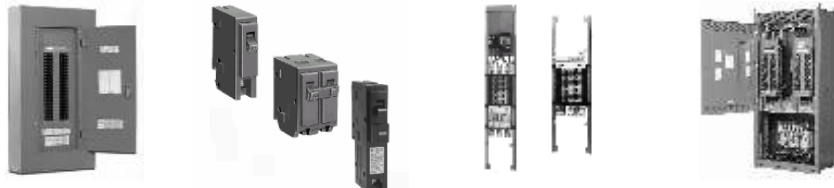


2011 Edition

Ready When You Are

April 2011

Ready-to-Install Panelboard Selector and I-LINE Panelboard Selector



**United
Electric
Supply**

United Electric Supply
1.800.322.3374
www.unitedelectric.com



United Electric delivers cost-effective solutions to all your electrical needs!



As an employee-owned company, United Electric has the commitment and flexibility to tailor our services to meet individual requirements.

Customer Focused

Our dedicated professionals offer unparalleled support for the varied needs of your company. In addition to answering product questions, we troubleshoot problems and develop creative solutions for specific project requirements.



Diversified Experience

United Electric has the capacity to handle any size project, from inception to completion. Our in-house team of engineers and product specialists offer complete design and application assistance, minimizing the need to work with outside consultants.

Value Added Services



- Next Day Delivery from Stock
- Will-Call
- Consigned Inventory
- Summary Billing
- Just In Time Delivery
- Supplier Inventory Management Systems
- Energy Audits
- 24-Hour Emergency Services
- Self-Selection Counters
- E-Commerce & EFT
- Kitting
- Pack and Hold Orders
- Integrated Supply
- Product Specification or Modification
- Product & Application Training
- Cost Reduction Services



Strategically Located Branches:

Delaware

- Dagsboro, DE
- Dover, DE
- New Castle, DE (RDC)

New Jersey

- Vineland, NJ

Virginia

- Alexandria, VA

Pennsylvania

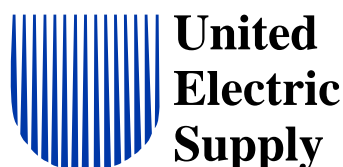
- Hanover, PA
- Huntingdon Valley, PA
- Lancaster, PA
- Langhorne, PA (RDC)

Maryland

- Aberdeen, MD

Maryland

- Baltimore, MD
- Beltsville, MD
- Jessup, MD (RDC)
- Rockville, MD
- Salisbury, MD
- Waldorf, MD



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We're ready to service your small and mid sized project needs now!

Small and mid sized project jobs are the lifeblood of many electrical contractors like you. United Electric and Square D understand that small project jobs require maximum flexibility and immediate availability of key Square D products. In addition, you need fast quoting and competitive pricing.

That's why we've committed our resources to being ready when you are to help you succeed in the small project market. United Electric has adjusted our inventory to better service your needs for small projects with material from our stock.

The "Ready When You Are" program brings:

- Availability
- Flexibility
- Responsiveness
- Quality
- Competitiveness

United Electric and Square D are ***Ready When You Are...***

Panelboards	Wireway
Load Centers	Lighting Contactors
Circuit Breakers	Starters & Combination Starters
Safety Switches	Push Buttons
Transformers	

Please note that the items listed on the following pages are normally kept in stock. This stock material will be available on a 24 to 48 hour basis. Call your United representative for availability on items not listed.

United Electric Supply - 800.322.3374



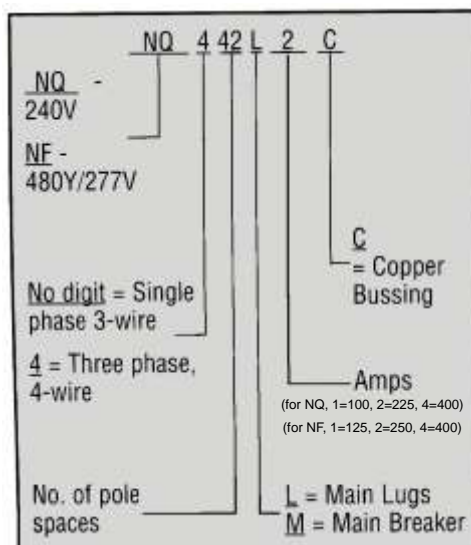


Build your own panelboard today...



How to select a panelboard:

1. Select voltage
 - NQ 240Vac Max on pg.4
 - NF 480Y/277Vac Max. on pg. 7
2. Select mains ampacity
3. Select number of pole spaces required
4. Select main lugs or main breaker
5. Select phase/wire, determine interior catalog number
6. Select enclosure, determine box and trim catalog numbers
7. Select branch circuit breakers
8. Select accessories



Catalog Number Logic Table

Type NQ 240Vac Max. Main Lug Interiors

Mains Rating	Max. No. of Poles	Main Lugs				
		Interior		Enclosure		
		Single Phase 3 Wire	Three Phase 4 Wire	NEMA Type 1		NEMA Type 3R, 12
				Box	MONO FLAT Front <small>F=Flush S=Surface</small>	
100	18	NQ18L1C	NQ418L1C	MH26	NC26()	MH26WP
	30	NQ30L1C	NQ430L1C	MH32	NC32()	MH32WP
225	30	NQ30L2C	NQ430L2C	MH32	NC32()	MH32WP
	42	NQ42L2C	NQ442L2C	MH38	NC38()	MH38WP
400	30	NQ30L4C	NQ430L4C	MH50	NC50V()	MH50WP
	42	NQ42L4C	NQ442L4C	MH50	NC50V()	MH50WP

Type NQ 240Vac Max. Main Breaker Interiors

Mains Rating	Max. No. of Poles	Main Breakers - Single Phase 3-Wire				
		Interior	Adapter Kit	NEMA Type 1		NEMA Type 3R, 12
				Single Phase 3 Wire	Box	
		Single Phase 3 Wire	Single Phase 3 Wire			
100 amp backfed	16	NQ18L1C	Select QOB 2-Pole Breaker	MH26	NC26()	MH26WP
	28	NQ30L1C		MH32	NC32()	MH32WP
100 amp vertical	18	NQ18L1C	NQMB2HJ add HDL Breaker*	MH38	NC38()	MH38WP
	30	NQ30L1C		MH44	NC44()	MH44WP
225 amp vertical	30	NQ30L2C	NQMB2Q add QBL or QDL Breaker*	MH44	NC44()	MH44WP
	42	NQ42L2C		MH50	NC50()	MH50WP
400 amp vertical	30	NQ30L4C	NQMB4LA add LAL Breaker*	MH62	NC62V()	MH62WP
	42	NQ42L4C		MH62	NC62V()	MH62WP

Mains Rating	Max. No. of Poles	Main Breakers - Three Phase 4-Wire				
		Interior	Adapter Kit	NEMA Type 1		NEMA Type 3R, 12
				Three Phase 4 Wire	Box	
		Three Phase 4 Wire	Three Phase 4 Wire			
100 amp backfed	15	NQ418L1C	Select QOB 3-Pole Breaker	MH26	NC26()	MH26WP
	27	NQ430L1C		MH32	NC32()	MH32WP
100 amp vertical	18	NQ418L1C	NQMB2HJ add HDL Breaker*	MH38	NC38()	MH38WP
	30	NQ430L1C		MH44	NC44()	MH44WP
225 amp vertical	30	NQ430L2C	NQMB2Q add QBL or QDL Breaker*	MH44	NC44()	MH44WP
	42	NQ442L2C		MH50	NC50()	MH50WP
400 amp vertical	30	NQ430L4C	NQMB4LA add LAL Breaker *	MH62	NC62V()	MH62WP
	42	NQ442L4C		MH62	NC62V()	MH62WP

* See main circuit breakers on page 5



NQ Main Breakers							
Single Phase	Three Phase	Single Phase	Three Phase	Single Phase	Three Phase	Single Phase	Three Phase
10,000 AIC		25,000 AIC		25,000 AIC		42,000 AIC	
QBL22125	QBL32125		QDL32200		HDL36100		LAL36250
QBL22150	QBL32150		QDL32225		HDL36125		LAL36300
QBL22200	QBL32175				HDL36150		LAL36350
QBL22225	QBL32200				JDL36200		LAL36400
	QBL32225				JDL36225		
					JDL36250		

QOB Bolt-On Branch Circuit Breakers

Ampere Rating	One Pole	Two Pole Common Trip	Three Pole Common Trip
10	QOB110		
15	QOB115	QOB215	QOB315
20	QOB120	QOB220	QOB320
25	QOB125	QOB225	QOB325
30	QOB130	QOB230	QOB330
35	QOB135	QOB235	QOB335
40	QOB140	QOB240	QOB340
45	QOB145	QOB245	QOB345
50	QOB150	QOB250	QOB350
60	QOB160	QOB260	QOB360
70	QOB170	QOB270	QOB370
80		QOB280	QOB380
90		QOB290	QOB390
100		QOB2100	QOB3100

QOB Ground Fault & Arc Fault Circuit Interrupters

Ampere Rating	One Pole	Two Pole	Arc Fault One Pole	Arc Fault Combination
15	QOB115GFI	QOB215GFI	QOB115AFI	QOB115CAFI
20	QOB120GFI	QOB220GFI	QOB120AFI	QOB120CAFI
30		QOB230GFI		
60		QOB260GFI		

NQ Accessories

Sub-feed lug kits -- main lugs only -- 1Ø or 3Ø?	
100A	NQSFL1*
225A	NQSFL2*
3 Pole Bolt-On Subfeed Lugs	QOB3125SL
Feed through Lug Kits	
225 amp	NQFTL2L*
400 amp	NQFTL4L*
Equipment ground bars:	
Circuit 600A max. - All Panels (Aluminum)	PK27GTA
PK23GTA with #1 to 4/0 Al/Cu lug	PK23GTAL
Ground bar insulator kit	PKGTAB
Copper Neutral / 225 amp	NQN2CU
200% Neutral / 225 Amp	NQNL2
Filler plate (15 per package)	NQFP15
Directory cards (10 per package)	80031-158-01
Plastic stick-on directory pouch (5 per package)	80031-159-01
Circuit I.D. number strips 1-102 odd/even	NQ102OE
Lock - for MONO-FLAT fronts	PK22FL
Key for All Locks	LP9618
Touch-up paint USAS #49 Gray (Aerosol can)	PK49SP
Handle attachments - branch breakers:	
Handle lock-off	HLO1
Handle-tie - (QO and QOB only)	QO1HT
Handle padlock attachment - 1-Pole	QO1PA
2 and 3 Pole	QO1PL
Neutral Lugs: #10 to #2 Al or #14 to #4 Cu	QO70AN
#4 to #1/0 Al/Cu	Q1100AN
#1 to #4/0 Al/Cu	Q1150AN
Endwalls for MH Boxes, No Knockouts	
Blank	80110-105-01
Sub feed breaker kit for 225A interiors** #	NQSFB2Q
** add (1) Q-Frame breaker and (1) NQ18RDE	
Sub feed breaker kit for 400A interiors*** #	NQSFB4Q
*** add (2) Q-Frame breakers and (1) NQ24RDE	

*Note: If Lug or Breaker Kit is needed, please consult with the United Electric Gear Department for proper size back box and cover.

Do not use with 200% rated neutral



Type NF 480/277Vac Max.

Mains Rating	Max. No. of Poles	Main Lugs				
		Interior		Enclosure		
		Single Phase 3 Wire	Three Phase 4 Wire	NEMA Type 1		NEMA Type 3R, 12
				Box	MONO FLAT Front <small>F=Flush S=Surface</small>	
125	18		NF418L1C	MH26	NC26()	MH26WP
	30		NF430L1C	MH32	NC32()	MH32WP
250	30		NF430L2C	MH38	NC38()	MH38WP
	42		NF442L2C	MH44	NC44()	MH44WP
400	30		NF430L4C	MH50	NC50V()	MH50WP
	42		NF442L4C	MH56	NC56V()	

Type NF 480/277Vac Max.

Mains Rating	Max. No. of Poles	Main Breakers					
		Interior		Enclosure			
		Single Phase 3 Wire	Three Phase 4 Wire	Three Phase 4 Wire	NEMA Type 1		NEMA Type 3R, 12
					Box	MONO FLAT Front <small>F=Flush S=Surface</small>	
125 Backfed	15		NF418L1C	Choose 3pole EDB Breaker	MH26	NC26()	MH26WP
	27		NF430L1C	Choose 3pole EDB Breaker	MH32	NC32()	MH32WP
125 Vertical	18		NF418L1C	N250MJ*	MH38	NC38()	MH38WP
	30		NF430L1C		MH44	NC44()	MH44WP
250	30		NF430L2C	N250MJ*	MH50	NC50()	MH50WP
	42		NF442L2C		MH56	NC56()	
400	42		NF442L4C	N400M*	MH68	NC68V()	MH68WP

* Add Breaker from NF Main Breaker Selector Table

NF Main Breakers					
125 AMP		250 AMP		400 AMP	
Adapter Kit	Breakers	Adapter Kit	Breakers	Adapter Kit	Breakers
N150MH	HDL36100	N250MJ	JDL36150	N400M	LAL36250
N150MH	HDL36125	N250MJ	JDL36200	N400M	LAL36300
		N250MJ	JDL36225	N400M	LAL36350
		N250MJ	JDL36250	N400M	LAL36400

E Frame Branch Circuit Breakers NF Accessories



E Frame Branch Circuit Breakers - 18K AIC@480V

Ampere Rating	One Pole 277Vac	Two Pole 480/277Vac	Three Pole 480/277Vac	Wire Al or Cu
15	EDB 14015	EDB 24015	EDB 34015	AL30FD #14-#6
20	EDB 14020	EDB 24020	EDB 34020	
25	EDB 14025	EDB 24025	EDB 34025	
30	EDB 14030	EDB 24030	EDB 34030	
35	EDB 14035	EDB 24035	EDB 34035	
40	EDB 14040	EDB 24040	EDB 34040	AL100FD #14-2/0
45		EDB 24045	EDB 34045	
50		EDB 24050	EDB 34050	
60		EDB 24060	EDB 34060	
70			EDB 34070	
80			EDB 34080	
90			EDB 34090	
100			EDB 34100	
110			EDB 34110	
125			EDB 34125	

NF Accessories

Description	Catalog No.
125A subfeed lug kit *	NF125SFL
250A subfeed lug kit *	NF250SFL
250A feed through lug kit **	NF250FTL
400A feed through lug kit **	NF400FTL
Copper Neutral / 250A	NFN2CU
Copper 200% neutral / 250A	NFNL2
Equipment ground bar (Aluminum)	PK27GTA
PK23GTA with #1 to 4/0 Al/Cu lug	PK23GTAL
Ground bar insulator kit	PKGTAB
Filler Plate	EFP
Filler Plate - Bag of 15	NFFP15
Lock - NEMA Type 1 enclosures	PK22FL
Key for all locks	LP9618
Directory card (10 per package)	8003115801
Plastic stick-on directory pouch (5 per pkg)	8003115901
Handle attachments - branch breakers: Handle lockoff/padlock attachment	HPAFD
Sub feed breaker kit for (1) breaker 250A interiors ** Add H or J Frame breaker *** Add (1) NF18RDE	NF250SFBJ
Sub feed breaker kit for (2) breakers 400A interiors ** Add H or J Frame breaker(s) *** Add (1) NF18RDE	NF600SFBJ

* Do not use with 200% neutral kit.
Zero additional mounting inches required.

** Contact United Gear Dept. for proper sizing of back box and cover

*** Do not use with 200% neutral



IPC2™ Transformer Combo



How would you prefer your electrical equipment to arrive at the jobsite?

Piece by piece, or in one neat package!



Efficient design saves time and space!

The first member of the IPC2 family of products from Square D® Integrated Power and Control Solutions (IPaCSTM), the transformer combo is ideally suited for projects having both 480Y/277V and 208Y/120V requirements. Its efficient, space-saving design means big value.

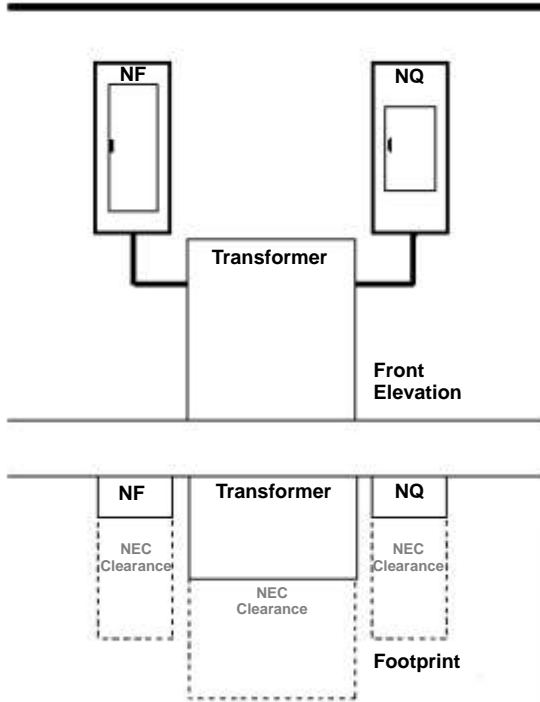
The IPC2 Transformer Combo will decrease electrical room space requirements by 40% or more. This integrated approach also means less conduit, fittings and feeder cables, which dramatically reduces onsite installation time and material costs. Every unit is factory inspected and tested and then packaged and shipped, as a single unit, which saves you time!

- Reduced Equipment Space - panels are stacked above a transformer, saving valuable floor space.
- Reduced Installation Time - panels and transformer are factory assembled and cabled into a single enclosure, which means installation can take hours rather than days.
- Reduced Material Cost - wiring between the internal components of the section is done at the factory, eliminating conduit, box connectors, and the associated labor.
- Reduced Material Handling - system requires fewer items to receive, inventory, and install.
- Equipment Standardization - equipment layouts are identical when required so that personnel know how to operate the electrical equipment regardless of where it is installed.

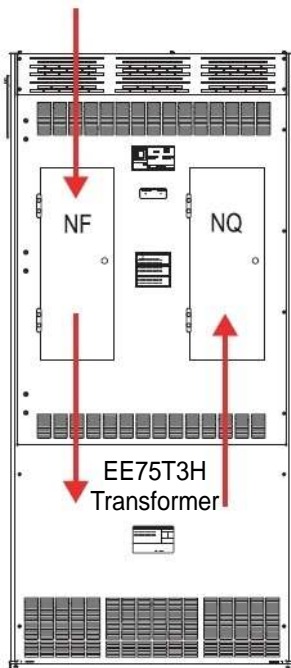
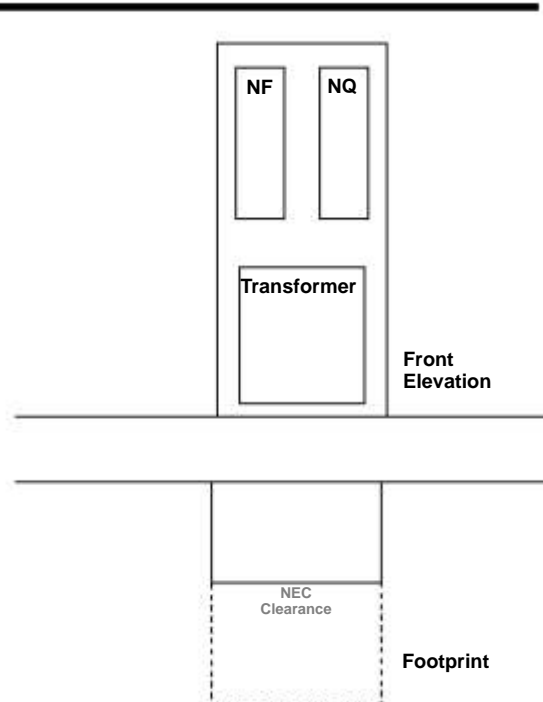
IPC2™ Transformer Combo



Stick-Built Electrical Equipment



IPC2 Transformer Combo



IPC2TC-1EE

NF Panel:

480/277V	3PH 4W
225/3 MB	18k AIC
1-125/3 (Transformer)	
39 Spaces	
Copper Bus	
Ground Bus	
SUSE	

NQ Panel:

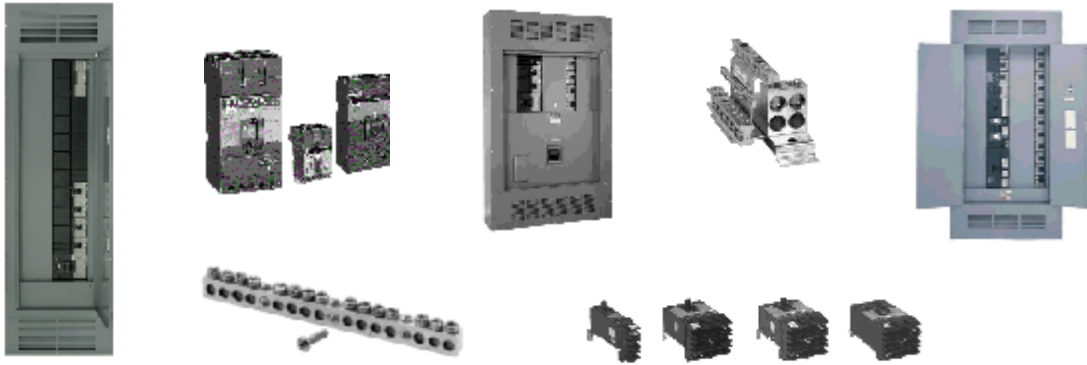
208Y/120V	3PH 4W
225/3 MB	10k AIC
42 Spaces	
Copper Bus	
Ground Bus	

Transformer:

480V -208Y/120V 3PH	
75kVA	
150C Temp Rise	
Aluminum Windings	
6-2.5% Taps: 2+ 4-	



I-Line Panelboard Selector

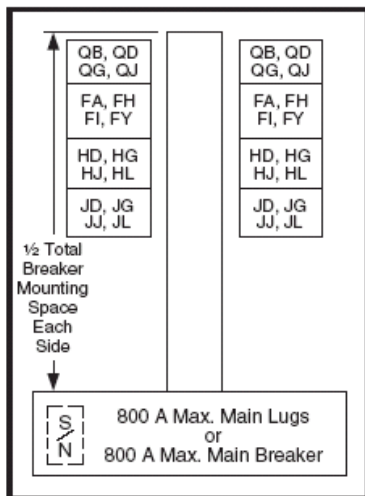


How to select a I-Line panelboard:

1. Select branch breakers
2. Total branch breaker inches
3. Select interior and corresponding box and front
4. Select accessories

TYPE HCM

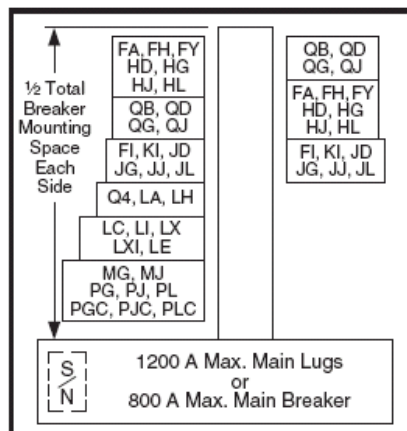
250 A max. branch circuit breaker
FA, FH, FY, FI, QB, QD, QG, QJ, HD,
HG, HJ, HL, JD, JG, JJ, JL



Box Size: 32" Wide, 8.25" Deep

TYPE HCP

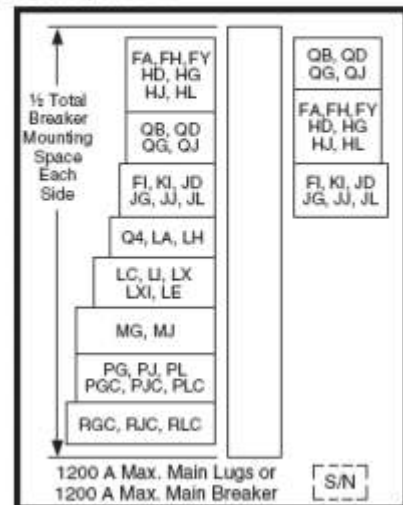
800 A max. branch circuit breaker
FA, FH, FI, FY, QB, QD, QG, QJ, HD, HG, HJ,
HL, JD, JG, JJ, JL, KI, Q4, LA, LH, LC, LI, LX,
LXI, LE, MG, MJ, PG, PJ, PL, PGC, PJC, PLC



Box Size: 42" Wide, 9.5" Deep

TYPE HCR-U Universal Mains

1200 A max. branch circuit breaker
FA, FH, FI, FY, QB, QD, QG, QJ, HD, HG, HJ,
HL, JD, JG, JJ, JL, KI, Q4, LA, LH, LC, LI, LX,
LXI, LE, MG, MJ, PG, PJ, PL, PGC, PJC, PCL,
RGC, RJC, RLC



Box Size: 44" Wide, 9.5" Deep

I-Line Circuit Breakers

100 Amp F Frame & 150 Amp H Frame

Amps	480 Vac		
	480 Vac	480 Vac	600 VAC
	Standard Interrupting	Standard Interrupting	Standard Interrupting
	1 Pole	3 Pole	3 Pole
15	FY14015()	FA34015	HDA36015
20	FY14020()	FA34020	HDA36020
25	FY14025()		HDA36025
30	FY14030()	FA34030	HDA36030
35			HDA36035
40		FA34040	HDA36040
45			HDA36045
50		FA34050	HDA36050
60		FA34060	HDA36060
70		FA34070	HDA36070
80		FA34080	HDA36080
100		FA34100	HDA36100
125			HDA36125
150			HDA36150
Mounting Height	1.5	4.5	4.5
Interrupting Rating			
240V	14,000	25,000	25,000
480V	14,000	18,000	18,000
600V			14,000

250 Amp J Frame

Amps	600 Vac	
	Standard Interrupting	
	3 Pole	
150	JDA36150	
175	JDA36175	
200	JDA36200	
225	JDA36225	
250	JDA36250	
Mounting Height	4.5	
Interrupting Rating		
240V	25,000	
480V	18,000	
600V	14,000	

800 Amp M Frame

Amps	600 Vac	
	Standard Interrupting	
	3 Pole	
500	MGA36500	
600	MGA36600	
800	MGA36800	
Mounting Height	9	
Interrupting Rating		
240V	65,000	
480V	35,000	
600V	18,000	

600 Amp L & LC Frame

Amps	600 Vac	
	Standard Interrupting	Extra High Interrupting
	3 Pole	3 Pole
250	LA36250	
300	LA36300	
350	LA36350	
400	LA36400	LC36400
500		LC36500
600		LC36600
Mounting Height	6"	7.5"
Interrupting Rating		
240V	42,000	100,000
480V	30,000	65,000
600V	22,000	35,000

225 Amp Q Frame (240V only)

Amps	240 Vac	
	Standard Interrupting	
	3 Pole	
125	QBA32125	
150	QBA32150	
175	QBA32175	
200	QBA32200	
225	QBA32225	
Mounting Height	4.5	
Interrupting Rating		
240V	10,000	
480V	n/a	
600V	n/a	

I-Line Interiors, Boxes, Fronts and Accessories



Interiors, Boxes and Fronts - 600V Max

Total Breaker Mounting Space (In.)	Mains Am-pere Rating	Front		Box	Notes:
		Interior Assembly (Less Branch Breakers) Catalog Number	Trim With Door Catalog Number	NEMA Type 1 Catalog Number	
45	800	HCP23598	HCW59TSD	HC4259DB	* M.L.O. version requires S33930 sub feed lug kit. Main circuit breaker version requires a "P" or "R" frame breaker. ** If 1000A or higher at 480/277V, order with GFI protection to get ULSE label.
63	600	HCM3273-6	HCM73TSD	HC3273B	
	800	HCP3268-8	HCW68TSD	HC4268DB	
99	1200	HCP508612N	HCW86TSD	HC4286DB	
108	1200	HCR5486-12U * **	HCR86TSD	HC4486DB	

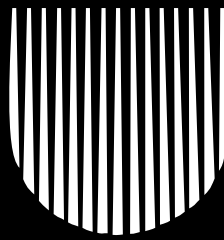
I-Line Accessories

Description	Catalog No.
Blank Fillers	
1 1/2" (3/package)	HNM1BL
4 1/2" (5/package)	HNM4BL
Solid Neutral Assemblies	
225A	HC2SN
400A	HC4SN*, HCW4SN**
600A	HC6SN*, HCW6SN**
800A	HC8SN*, HCW8SN**
1200A (Used on type HCR-U)	HCWM12SN
Equipment Ground Bar Kits	
HCN	PK27GTA
HCM, HCP, HCR-U	PK32DGTA
Blank Extensions	
for replacement purposes only in 1 1/2" (3/package)	HLW1BL
Type HCP, HCR-U panelboards	HLW4BL

Sub-Feed Lug Kits

Plug-on in same manner as a branch circuit breaker							
Ampere Rating	Height in. (mm)	Catalog Number	Max Short-circuit System Ratings RMS Symmetrical Ampere			Protected by Circuit Breaker	For Use in I-Line Panelboard Types
			240Vac	480Vac	600Vac		
800	9 (229)	SL800	65,000	65,000	25,000	MH	HCM, HCP
1200	15 (381)	S33930	125,000	100,000	50,000	RL	HCP, HCR-U








**United
Electric
Supply**









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Our IMPROVED Web Store NOW offers NEW CAPABILITIES:

-  **Proof of Deliveries**
-  **Customized Product Groupings**
-  **Ordering by Customized Part Numbers**

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-  **Place orders**
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-  **Review the up-to-date account history**
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- ***More Intuitive***
- ***Easier to use***

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Dry Type Transformers*

kVA	Single Phase		Three Phase		Degree in C Temperature Rise
	Primary 240x480V	Secondary 120/240V	Primary 480V Delta	Secondary 208Y/120V	
3	3S1F		3T2F		115
5	5S1F				
6			6T2F		
10	10S1F				150
15	EE15S3H*		EE15T3H*		
25	EE25S3H*				
30			EE30T3H*		
37.5	EE37S3H*				
45			EE45T3H*		
50	EE50S3H*				
75	EE75S3H*		EE75T3H*		
100					
112.5			EE112T3H*		
150			EE150T3H*		

* EE types are TP-1 rated **energy efficient**

General Duty Safety Switches

Amps	Type 1		Type 3R	
	3 Wire 2 Blades, 1 S/N	4 Wire 3 Blades, 1 S/N	3 Wire 2 Blades, 1 S/N	4 Wire 3 Blades, 1 S/N
Fusible, 240V Max., Single throw				
30	D221N	D321N	D221NRB	D321NRB
60	D222N	D322N	D222NRB	D322NRB
100	D223N	D323N	D223NRB	D323NRB
200	D224N	D324N	D224NRB	D324NRB
400		D325N		D325NR
	3 Wire 3 Blades, 0 S/N	4 Wire 3 Blades, 1 S/N	3 Wire 3 Blades, 0 S/N	4 Wire 3 Blades, 1 S/N
Non-Fusible, 240V Max., Single throw				
30	DU321		DU321RB	
60	DU322		DU322RB	
100	DU323		DU323RB	
200	DU324		DU324RB	

NEMA Starters

For starters Class 8536, followed by type:

NEMA Size	Cont. Current Rating	Motor Volts	Max. H.P.	Coil Volt.	Open Type	NEMA Type 1 Enclosure
0	18	208-240	3	120	----SBO2V02S	----SBG2V02S
0	18	480-600	5	120	----SBO2V02S	----SBG2V02S
1	27	208-240	7.5	120	----SCO3V02S	----SCG3V02S
1	27	480-600	10	120	----SCO3V02S	----SCG3V02S
2	45	208	10	120	----SDO1V02S	----SDG1V02S
2	45	240	15	120	----SDO1V02S	----SDG1V02S
2	45	480-600	25	120	----SDO1V02S	----SDG1V02S
3	90	208	25	120	----SEO1V02S	----SEG1V02S
3	90	240	30	120	----SEO1V02S	----SEG1V02S
3	90	480-600	50	120	----SEO1V02S	----SEG1V02S

Combination Starters

8538 Fusible Switch Type

All enclosures dual NEMA 1 and 12 / 3R rated

Catalog Number	NEMA Size	Motor Volts	Max. H.P.	Coil Volt.	Amps	Fusible*/**
8538SCA22V02CP1P2SX22Y74	1	208 or 240	3 or 5	120	30	X
8538SCA23V02CP1P2SX22Y74	1	208 or 240	7 1/2	120	60	X
8538SCA24V02CP1P2SX22Y74	1	480	10	120	30	X
8538SDA22V02CP1P2SX22Y74	2	208 or 240	10 or 15	120	60	X
8538SDA26V02CP1P2SX22Y74	2	480	15	120	30	X
8538SDA24V02CP1P2SX22Y74	2	480	25	120	60	X

Includes factory installed "Red on / Green off" pilot lights, Class H Fuse Clips, H-O-A Selector Switch, 2 N.O. + 2 N.C. Auxiliary Contacts, 120v Separate Control + Separate Control Voltage Interlock

Field Installable Control Transformer Kits**

Available from Stock

Catalog Number	Primary Volts	Secondary Volts	VA
9999CPT1D1	240 or 480	120	100
9999CPT1D3	208	120	100

* Can be converted to non-fused by removing fuse clips

** Fuses not included

Heavy Duty Safety Switches

Amps	Type 1		Type 3R	
	3 Wire 2 Blades, 1 S/N	4 Wire 3 Blades, 1 S/N	3 Wire 2 Blades, 1 S/N	4 Wire 3 Blades, 1 S/N
Fusible, 240V Max., Single throw				
30	H221N	H321N	H221NRB	H321NRB
60	H222N	H322N	H222NRB	H322NRB
100	H223N	H323N	H223NRB	H323NRB
200		H324N		H324NRB
400		H325N		H325NR
	3 Wire 2 Blades, 1 S/N	4 Wire 3 Blades, 1 S/N	3 Wire 2 Blades, 1 S/N	4 Wire 3 Blades, 1 S/N
Fusible, 600V Max., Single throw				
30	H361		H361RB	H361NRB
60	H362		H362RB	H362NRB
100	H363		H363RB	H363NRB
200	H364		H364RB	H364NRB
400		H365N		H365NR
600		H366N		H366NR
	3 Wire 3 Blades, 0 S/N	4 Wire 3 Blades, 1 S/N	3 Wire 3 Blades, 0 S/N	4 Wire 3 Blades, 1 S/N
Non-Fusible, 600V Max., Single throw				
30	HU361		HU361RB	
60	HU362		HU362RB	
100	HU363		HU363RB	
200	HU364		HU364RB	
400	HU365		HU365R	

Lighting Contactors

Class 8903 Multipole Lighting Contactors

Ampere Ratings	No. of Poles	Open Type	NEMA 1 Enclosure	Voltage Code	
				Volts	Code*
Electrically Held					
30	2		8903LG20----	120	V02
	3		8903LG30----	120	V02
	4		8903LG40----	120	V02
	6		8903LG60----	120	V02
	8		8903LG80----	120	V02
	10		8903LG1000----	120	V02
	12		8903LG1200----	120	V02
Mechanically Held					
30	2		8903LXG20----	120	V02
	4		8903LXG40----	120	V02
	8		8903LXG80----	120	V02
	10		890LXG1000----	120	V02
	12		8903LXG1200----	120	V02

Configure a VFD today, from stock!

1. Choose a ATV11, ATV31 or ATV61
 - *ATV11 our lowest cost nano VFD for simple, .25 to 3 HP variable or constant torque applications.
 - *ATV31 a cost effective low HP VFD for variable or constant torque applications
 - *ATV61 a full featured VFD for variable torque (centrifugal fans and pumps) only
2. Select the appropriate VFD model number based on motor name plate full load amps (FLA) and Voltage.
3. If the VFD is to be wall mounted outside of an enclosure, add the NEMA 1 kit with conduit knockouts.
4. If the VFD is to be mounted in an enclosure, add the remote keypad mount kit to allow configuration of the VFD with the enclosure door closed (*helps comply with NFPA 70E*).

Schneider Electric has a complete line of VFDs suitable for diverse applications across a wide voltage and power range.

Please Note: **VFD's are Energy Efficient.**

Please contact United Electric to learn more.

ATV11

Our lowest cost nano VFD for simple, .25 to 3 HP variable or constant torque applications:

Typical Applications:

Centrifugal supply, ventilation, cooling tower fans
 Centrifugal or positive displacement pumps
 HVAC Systems
 Conveyors
 Machinery

Communication

Networks:
 None

Control I/O:

1 analog input
 1 frequency analog output (PWM)
 4 digital inputs
 1 relay output

KeyPad Display:

7 segment

United Electric ATV11 VFD Stocked Components



Input Voltage	Motor HP	Continuous Output Amps	ATV11 with Integrated Keypad	ATV11 Dimensions W x H x D inches
230 three phase	1	4.6	ATV11HU18M3U	2.8 x 5.8 x 5.4
	2	7.5	ATV11HU29M3U	4.6 x 5.6 x 6.1
	3	10.6	ATV11HU41M3U	4.6 x 5.6 x 6.1

ATV31

A cost effective micro VFD for .25 to 20 HP variable or constant torque applications:

Typical Applications:

Centrifugal supply, ventilation, cooling tower fans
Centrifugal or positive displacement pumps
HVAC Systems
Conveyors
Machinery

Communication

Networks:
Modbus Rs485 integrated
CAN OPEN integrated

Control I/O:

2 analog inputs
1 analog output
6 digital inputs
2 relay outputs

KeyPad Display:

7 segment



United Electric ATV31 VFD Stocked Components

Input Voltage	Motor HP	Continuous Output Amps	ATV31 with Integrated Keypad	ATV31 Dimensions W x H x D inches	Nema 1 Wall Mount Conduit Entry Kit	ATV31 Remote Keypad Mount Kit
230 three phase	5	17.5	ATV31HU40M3X	5.5 X 7.5 X 6	VW3A31815	VW3A31101 includes keypad, cable, and bezel
460 three phase	1	2.3	ATV31HO75N4	4.1 X 5.6 X 5.9	VW3A31814	
	2	4.1	ATV31HU15N4	4.1 X 5.6 X 5.9	VW3A31814	
	3	5.5	ATV31HU22N4	5.5 X 7.2 X 5.9	VW3A31815	
	5	9.5	ATV31HU40N4	5.5 X 7.2 X 5.9	VW3A31815	
	7.5	14.3	ATV31HU55N4	7.1 X 9.1 X 6.7	VW3A31816	
	10	17	ATV31HU75N4	7.1 X 9.1 X 6.7	VW3A31816	
	15	27.7	ATV31HD11N4	9.7 X 13 X 7.5	VW3A31817	
	20	33	ATV31HD15N4	9.7 X 13 X 7.5	VW3A31817	

ATV61

A full featured VFD for variable torque applications from 1 to 900 HP:

Typical Applications:

Centrifugal supply, ventilation, cooling tower fans
Centrifugal pumps
HVAC Systems

Control I/O:

2 analog inputs
1 analog output
6 digital inputs
2 relay outputs
I/O expansion cards available

KeyPad Display:

full English text
removable backlit LCD


Communication

Networks:

Modbus RS485 integrated
CAN OPEN integrated
Metasys N2
Apogee
BACnet
Profibus
Devicenet
Ethernet
Interbus
Modbus Plus
Fipio
Unitelway



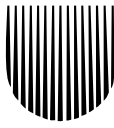
United Electric ATV61 VFD Stocked Components

Input Voltage	Motor HP	Continuous Output Amps	ATV61 including Removeable Keypad	ATV61 Dimensions W x H x D inches	Nema 1 Wall Mount Conduit Entry Kit	ATV61 Remote Keypad Mount Kit
460 three phase	1	2.3	ATV61HO75N4	5 X 9 X 7	VW3A9201	 VW3A1102 VW3A1103 VW3A1104R30 order all three components
	3	5.8	ATV61HU22N4	5 X 9 X 7	VW3A9201	
	5	10.5	ATV61HU40N4	6 X 10.5 X 7.5	VW3A9202	
	10	17.6	ATV61HU75N4	6.9 X 11.6 X 7.4	VW3A9203	
	15	27.7	ATV61HD11N4	8.3 X 11.6 X 8.4	VW3A9204	
	20	33	ATV61HD15N4	9.1 X 15.8 X 8.4	VW3A9205	
	25	41	ATV61HD18N4	9.1 X 15.8 X 8.4	VW3A9205	
	50	79	ATV61HD37N4	9.5 X 21.7 X 10.5	VW3A9207	
	75	116	ATV61HD55N4	12.6 X 24.8 X 11.4	VW3A9208	

United Electric ATV66 VFD Stocked Components

Part Number	Description
VW3A66206U	Replacement Keypad for ATV66, requires VFD Firmware 3.0 or higher





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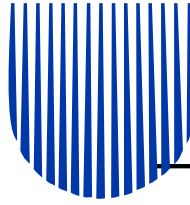
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