



ET® HEAVY-DUTY PANELBOARDS

SELECTION, APPLICATION & PRICING

NHB-225 AMPERE MAINS

480 VOLTS AC 100A MAX. BRANCH

PANELBOARDS: Listed by Underwriters' Laboratories, Inc. under "Panelboards" File #2269. Meet Federal Specification W-P-115a dated January 7, 1963, for Type I, Class 1.

SERVICE: 277/480VOLT AC. 3 Phase, 4 Wire only.

MAINS: Main Lug Panels

Rating Amperes	Connectors Suitable for Cu or Al
100	1-#1-#1/0 Awg
225	1-#6 Awg-250 MCM

Main Breaker Panels

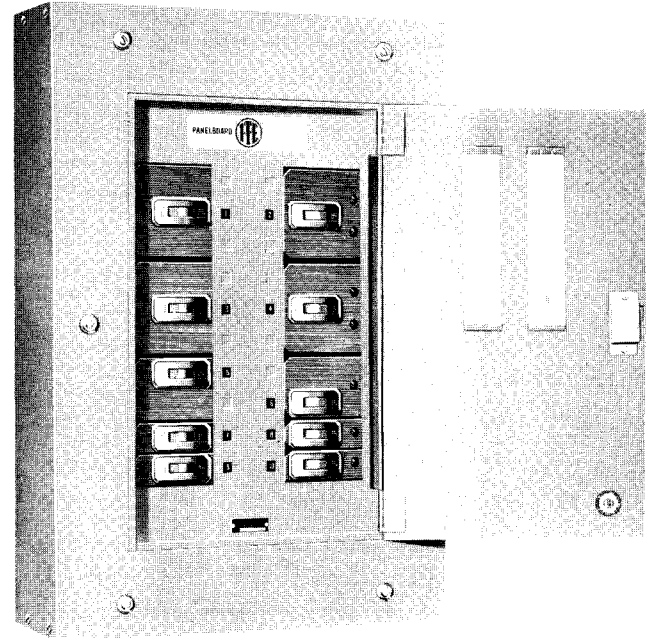
Rating Amperes	Breaker Frame	Connectors Suitable for Cu or Al
50, 100	EH	1-#6-#1/0 Awg
225	FJ	1-#4 Awg-300 MCM

MAIN BREAKERS: EH-frame main breaker is mounted horizontally, similar to a branch breaker. FJ-frame main breaker is mounted vertically. For other mounting arrangements, consult I-T-E sales office.

BRANCH BREAKERS: E-frame, 15-20 ampere, 1 pole only, rated 10,000 amperes symmetrical a-c interrupting capacity. EH-frame, 15-100 ampere, 2- or 3-pole, rated 14,000 amperes symmetrical a-c interrupting capacity based on NEMA test procedures. Meet Federal Specification W-C-375a dated February 18, 1965, for Class 2a (E frame) and 2d (EH frame).

BOXES: 20" Wide, 5¾" Deep.

GUTTERS: 6" Top and Bottom, 4" Sides.



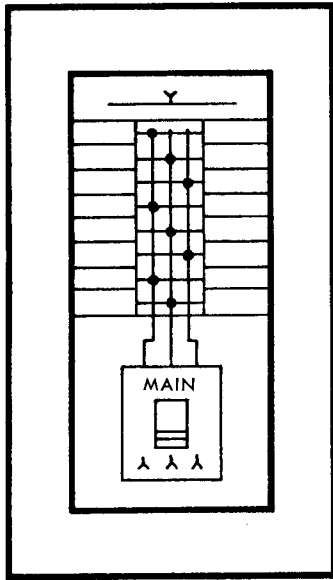
SEE REVERSE SIDE FOR SELECTION DATA



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NHB—225A MAINS, 480V AC, 100A MAX. BRANCH



NHB wiring diagram showing 4-wire with a 225-ampere main breaker.

TO DETERMINE NHB BOX SIZES:

Select from this table the box size which accommodates the number of single-pole circuit breakers required.

The first pair of numerals in the catalog number indicate the number of single-pole breakers installed. For a required number of single-pole breakers other than listed in the table, change the first pair of numbers to the quantity desired.*

Fronts may be provided for either surface or flush mounting. To designate, add the suffix "S" or "F" to the catalog number.

*2- and 3-pole common-trip circuit breakers may also be provided. Determine the panel size by converting to the equivalent number of single-pole devices.

50- and 100-ampere main breakers are mounted the same as branch, (horizontally). 225A FJ main breaker is vertically mounted.

NHB-4 3 PHASE, 4 WIRE SN, 277/480 VOLTS AC

Mains Rating Amperes	Number of Poles	Cat. No. Add Suffix S-Surf., F-Flush	List Price†	Ship. Wgt. Lb./Std. Pkg. of 1	Box Height Inches
MAIN LUG PANELS					
100	8	NHB08-4L	\$250.	65	23
	10	NHB10-4L	288.	76	26
	12	NHB12-4L	327.	86	26
	14	NHB14-4L	377.	101	29
	16	NHB16-4L	405.	104	29
	18	NHB18-4L	444.	113	32
	20	NHB20-4L	482.	117	32
	22	NHB22-4L	523.	126	35
	24	NHB24-4L	560.	129	35
	26	NHB26-4L	600.	139	38
	28	NHB28-4L	640.	143	38
	30	NHB30-4L	677.	152	41
225	32	NHB32-4L	733.	155	41
	34	NHB34-4L	772.	169	44
	36	NHB36-4L	810.	172	44
	38	NHB38-4L	850.	180	47
	40	NHB40-4L	888.	185	47
	42	NHB42-4L	927.	194	50
MAIN BREAKER PANELS—3 POLE					
50	8	NHB08-4AB	331.	95	26
	10	NHB10-4AB	372.	105	29
	12	NHB12-4AB	411.	115	29
	14	NHB14-4AB	450.	130	32
100	16	NHB16-4AB	503.	133	32
	18	NHB18-4AB	542.	142	35
	20	NHB20-4AB	582.	146	35
	22	NHB22-4AB	620.	155	38
	24	NHB24-4AB	660.	159	38
	26	NHB26-4AB	699.	169	41
225	28	NHB28-4AB	737.	177	41
	30	NHB30-4AB	777.	189	44
	32	NHB32-4AB	1020.	219	53
	34	NHB34-4AB	1057.	229	56
	36	NHB36-4AB	1095.	233	56
	38	NHB38-4AB	1135.	240	59
40	NHB40-4AB	1173.	245	59	
42	NHB42-4AB	1215.	252	65	

† Includes 15A 1-pole breakers unless otherwise specified.

Space Only—Use price for panelboard having required number of poles, including spaces, and deduct \$15.00 List for each 1-pole breaker omitted.

Additions for 2- and 3-Pole EH Breakers—Convert requirements to equivalent number of 1-pole breakers. Price from tables above. Then add Price Additions from table below.

Rating Amperes	2 Pole	3 Pole
15-50	\$30.	\$30.
70-100	46.	45.