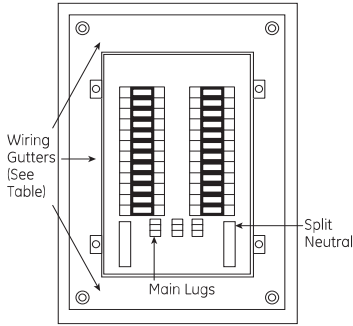


# Wiring Space

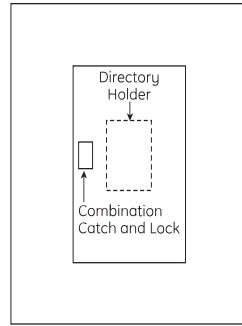
## Typical Panelboard

Front view with trim removed

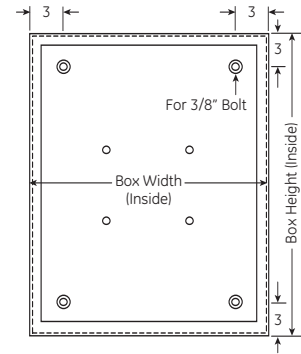


## Typical Front w/Concealed Hinges and Trim Adjusting Screws

Surface mounting – add 1/4" to inside box dimensions  
Flush mounting – add 1 1/2" to inside box dimensions



## Typical Box



## Minimum Wiring Space, From End of Lug to Box Wall, in Inches

Main rating in amps	Main Lugs Only, to End Wall		Frame Type	Mounting	Main Circuit Breaker		
	Phase Lug	Neutral Lug			Phase Lug		Neutral Lug
					To Side Wall (20" Wide Box)	To End Wall	
125A MLO, 100A Main Breaker	6	6	TEY, SE	Horizontal	5	-	6
225A	12	12	TFJ, SF	Vertical	-	6	12
400A	15	11 <sup>3</sup>	SF, SG, FG	Vertical	-	15	11 <sup>3</sup>
600A	15	11 <sup>3</sup>	SG	Vertical	-	16	-
800A <sup>4</sup>	15	11 <sup>3</sup>	SK	Vertical	-	18	-

<sup>3</sup>To side wall

<sup>4</sup>Box width is 30" and 7.81" deep

## Wiring Space – Branch Circuit Breakers

Branch Circuit Devices	Frame	No. of Poles	Minimum Wiring Spaces To Side Wall (20" Wide Box)
Double Branched Bolt-on Devices	THQL, THHQL, THQB, THHQB	1,2,3	6.5"
Horizontal Subfeeds Single Branch Mounted	TQD, THQD	2,3	5.5"

## Enclosures

Panel Size	Box		Front Cat. No. <sup>7</sup>
	Cat. No. <sup>5</sup>	Size Inches <sup>6</sup>	
0-25.5	AB25B	25.5	AF25F,S
28.5-31.5	AB31B	31.5	AF31F,S
34.5-37.5	AB37B	37.5	AF37F,S
40.5-43.5	AB43B	43.5	AF43F,S
46.5-49.5	AB49B	49.5	AF49F,S
52.5-55.5	AB55B	55.5	AF55F,S
57.5-64.5	AB64B	64.5	AF64F,S
67.5-76.5	AB76B	76.5	AF76F,S

<sup>5</sup>"B" suffix provides blank end walls. Order "K" suffix for endwalls with knockouts.

<sup>6</sup>Standard boxes are 20" wide by 5.81" deep.

<sup>7</sup>Flush fronts are 1 1/2" larger than box. Surface fronts are 1/4" larger.

## Box Options

Description	Cat. No. Suffix <sup>11</sup>
Painted Box	P
30" wide <sup>12</sup>	W
NEMA 3R/12/4S/4X	3 or 4
NEMA 3RX Door-in-door	3M
NEMA 4X (316 Stainless Steel)	4S

<sup>11</sup>Add to base box product number.

<sup>12</sup>Includes field installable gutter barrier.

## Permanent Circuit Number Kits

Description	Cat. No.
1-48	APN48
43-84	APN84
85-126	APN126

## Front Options

Description	Cat. No. Suffix <sup>8</sup>
Screw cover	C
Front hinged to box	D
Yale 5116 w/Rosette Lock	Y
Corbin 15767 Lock	L
GE 75 Key Lock	E
Corbin 60 Key Lock	J
Door within a door <sup>9</sup>	P
Stainless steel <sup>10</sup>	S
30" wide	W
Nameplate	N
Screw on nameplate	U
Metal directory	M

<sup>8</sup>Add to base front catalog number.

<sup>9</sup>Consists of two lockable doors—one over panel interior and one over box wiring gutters. Yale locks not available.

<sup>10</sup>Flush only. Available with C and N options.

## Stainless Steel Enclosures

Dimensions (inches)			Cat No.	
H	W	D	UL Standard	CSA Labeled
25.5	20	6	AB254S	AB254AS
25.5	30	8	AB254DWS	AB254DWSAS
31.5	20	6	AB314S	AB314AS
31.5	30	8	AB314DWS	AB314DWSAS
37.5	20	6	AB374S	AB374AS
37.5	30	8	AB374DWS	AB374DWSAS
43.5	20	6	AB434S	AB434AS
43.5	30	8	AB434DWS	AB434DWSAS
49.5	20	6	AB494S	AB494AS
49.5	30	8	AB494DWS	AB494DWSAS
55.5	20	6	AB554S	AB554AS
55.5	30	8	AB554DWS	AB554DWSAS
64.5	20	6	AB644S	AB644AS
64.5	30	8	AB644DWS	AB644DWSAS
76.5	20	6	AB764S	AB764AS
76.5	30	8	AB764DWS	AB764DWSAS