

ReliaGear® Merchandised neXT SuperBox Power Panelboards

SuperBox panels



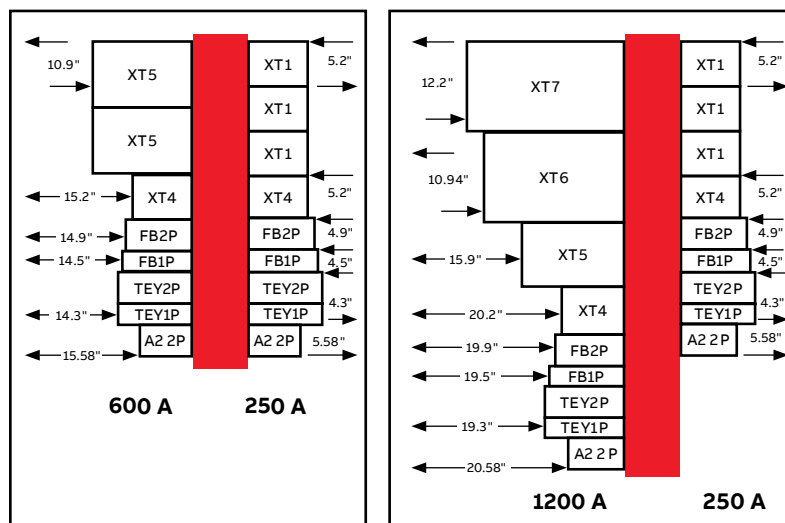
ReliaGear® neXT SuperBox Power Panelboards

Ordering code	Description	Amps	Enclosure type	Main	Dimensions (H x W x D inches)	X-space left	X-space right
RNSB06L6040A	600A MLO NEMA 1 60 x 40 16X no breakers	600 A	NEMA 1	Main lugs (2x #2–600 kcmil)	60 x 40 x 11	12	12
RNSB06B6040A	600A MCB NEMA 1 60 x 40 16X no breakers	600 A	NEMA 1	Main breaker ¹	61 x 40 x 11	16	16
RNSB06L6040R	600A MLO NEMA 3R 60 x 40 16X no breakers	600 A	NEMA 3R	Main lugs (2x #2–600 kcmil)	59 x 40 x 14.5 ²	12	12
RNSB06B6040R	600A MCB NEMA 3R 60 x 40 16X no breakers	600 A	NEMA 3R	Main breaker ¹	60 x 40 x 14.5 ²	16	16
RNSB08L7245A	800A MLO NEMA 1 72 x 45 24X no breakers	800 A	NEMA 1	Main lugs (4x #2–600 kcmil)	72 x 45 x 11	20	20
RNSB08B7245A	800A MCB NEMA 1 72 x 45 24X no breakers	800 A	NEMA 1	Main breaker ¹	73 x 45 x 11	24	24
RNSB08L7245R	800A MLO NEMA 3R 72 x 45 24X no breakers	800 A	NEMA 3R	Main lugs (4x #2–600 kcmil)	71 x 45 x 14.5 ²	20	20
RNSB08B7245R	800A MCB NEMA 3R 72 x 45 24X no breakers	800 A	NEMA 3R	Main breaker ¹	72 x 45 x 14.5 ²	24	24
RNSB12L8445A	1200A MLO NEMA 1 84 x 45 32X no breakers	1200 A	NEMA 1	Main lugs (4x #2–600 kcmil)	84 x 45 x 11	28	28
RNSB12B8445A	1200A MCB NEMA 1 84 x 45 32X no breakers	1200 A	NEMA 1	Main breaker ¹	85 x 45 x 11	32	32
RNSB12L8445R	1200A MLO NEMA 3R 84 x 45 32X no breakers	1200 A	NEMA 3R	Main lugs (4x #2–600 kcmil)	83 x 45 x 14.5 ²	28	28
RNSB12B8445R	1200A MCB NEMA 3R 84 x 45 32X no breakers	1200 A	NEMA 3R	Main breaker ¹	84 x 45 x 14.5 ²	32	32

¹ X-space required for main breaker must be accounted for based on specific breaker selected.

² Depth does not include 0.9" of hanger bracket.

Available configurations and wire bend space



40" offset box

45" offset box

All ReliaGear® neXT panelboards are double sided. Wire bending space requirements restrict XT5–XT7 mounting to the left side of the interior.

Wire bend space

Breaker	Left mount space (in)	Right mount space (in)
40" offset enclosure		
XT5	10.9	–
XT4	15.2	5.2
XT1	15.2	5.2
FB 1-pole	14.5	4.5
FB 2-pole	14.9	4.9
TEY 1-pole	14.3	4.3
TEY 2-pole	14.3	4.3
A2 2-pole	15.58	5.58
45" offset enclosure		
XT7	12.2	–
XT6	10.94	–
XT5	15.9	–
XT4	20.2	5.2
XT1	20.2	5.2
FB 1-pole	19.5	4.5
FB 2-pole	19.9	4.9
TEY 1-pole	19.3	4.3
TEY 2-pole	19.3	4.3
A2 2-pole	20.58	5.58

PANEL MARKS:

RNSB06B6040R

TECHNICAL SPECIFICATIONS

PANEL TYPE:	ReliaGear neXT SuperBox
QUANTITY:	1
AMPS:	600A
VOLTAGE:	Up to 600V
SYSTEM:	3P3W or 3P4W
KAIC:	Up to 200 KAIC SC FULLY RATED
MATERIAL:	COPPER BUS
PLATE:	SILVER PLATE
ENCLOSURE:	NEMA 3R
MOUNTING:	SURFACE

MAIN DISCONNECT DEVICE

FEED DIR.	Bottom
TYPE:	Breaker
AMPS:	600A
POLES:	3

INTERIOR X-VALUES

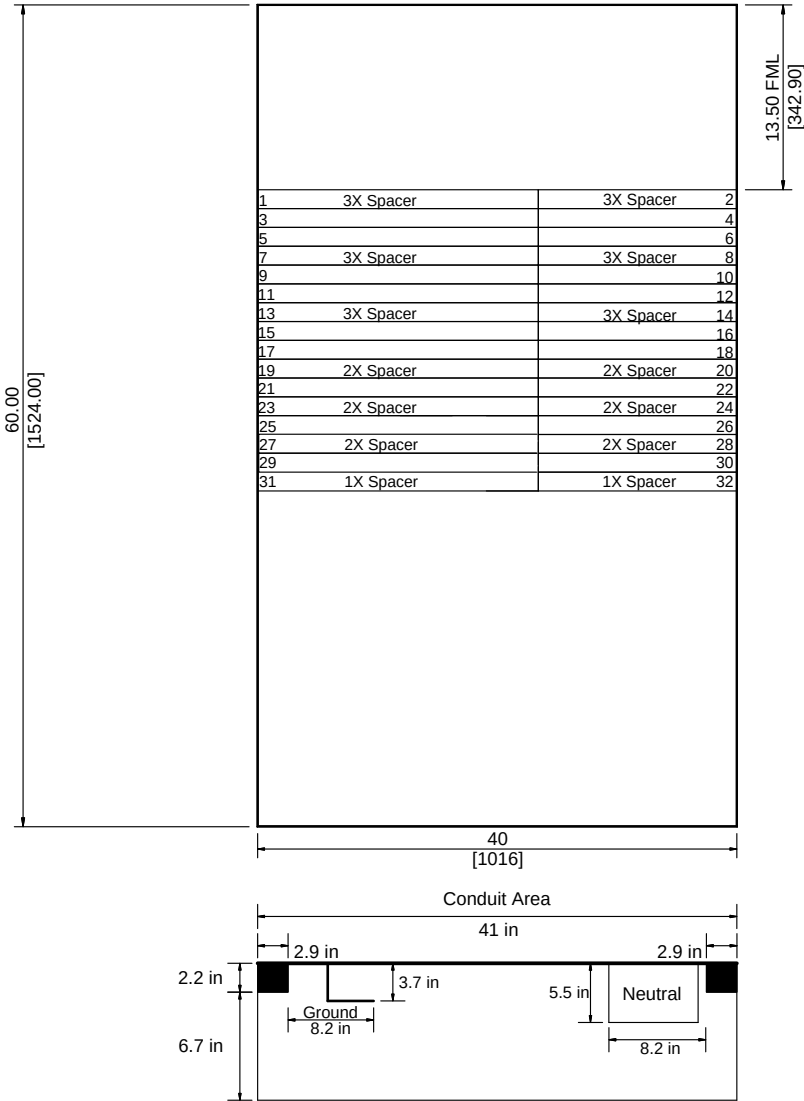
TOTAL X BUS	AVAILABLE X BUS
16	16

OPTIONS INCLUDED

QTY	DESCRIPTION
1	Copper Bus Heat Rated
1	47 Ckt bonded grd

BOM

QTY	CAT #	DESCRIPTION
1	GDBG47AL	Ground
1	IN1606NN3H2	Bus
1	NL12IONSTNDAL	Neutral
1	ER6040R	Enclosure
1	IF1640F	Frame
1	FT40S00135	Front 1 of 2
1	FT40S00205	Front 2 of 2
1	GC40F16NNA	Gutter
3	SR03BF	Spacer
3	SR03BB	Spacer
3	SR02BF	Spacer
3	SR02BB	Spacer
1	SR01BF	Spacer
1	SR01BB	Spacer



PANEL INFORMATION	
INTERNAL DIMENSIONS	60"X42"X11"
NOTES	
EXTERNAL DIMENSIONS	61"X43.5"X16.7"

1. FML - FRAME MOUNTING LOCATION.
2. DRAWING NOT TO SCALE.
3. DIMENSIONS ARE IN INCHES[mm].

NEUTRAL ARE PRESSURE LUGS.

PROJECT NAME :		PANEL ID:	PRODUCT NAME:	DRAWING NO:
CUSTOMER:		CREATED BY:	ReliaGear neXT	ITEM NO:
		DATE:	PANELBOARD	MARKS:
		REVISION NO.		QUOTE NO:
				SHEET: