

WATERTIGHT BUS BAR SPLITTER TROUGHS

The **1412 BTSS** bus bar splitter troughs are used indoors or outdoors to house bus bars for power distribution.

CSA Certified / NEMA / EEMAC 4X / IP66

* Lugs must be ordered separately.

Technical specifications:

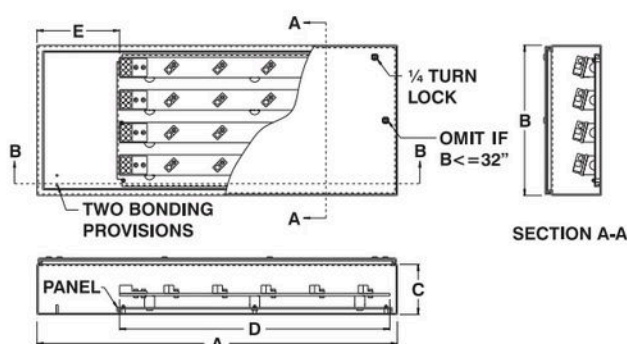
- Made of high quality stainless steel, with continuously weld-

ed corner seams.

- A high quality, robotically poured-in-place gasket ensures a complete and durable water tight seal.
- The opening has a curled lip around all sides to increase rigidity and prevent dripping water from entering the enclosure when the door is open.
- The captive pins of the concealed hinges can be pulled

to remove the door.

- Quarter turn mechanisms ensure positive closing.
- 3, 4 or 5 aluminum, tin plated bus bars, which mount on slanted insulators that are installed on an inner panel.
- There are no knockouts.
- Troughs are unpainted and brushed smooth.
- Inner panel is galvanized (other colors available).



NOMINAL AMPACITY		MAIN LUGS		BRANCH LUGS		BAR CROSS SECTION	LENGTHS AVAILABLE (FEET)
CU	AL	QTY.	WIRES	QTY.	WIRES		
225	200	1	250MCM	2	#2	1/4 X 1	3-4-5-6-7-8-9
400	340	1	600MCM	3	2/0	1/4 X 2 1/2	3-4-5-6-7-8-9-10
600	500	2	350MCM	4	2/0	3/8 X 2 1/2	3-4-5-6-7-8-9-10-11-12
800	680	2	600MCM	5	2/0	1/2 X 3	3-4-5-6-7-8-9-10-11-12
1000	890	2	1000MCM	4	250MCM	3/8 X 4 1/2	5-6-7-8-9-10-11-12
1200	1020	3	600MCM	5	250MCM	1/2 X 4	5-6-7-8-9-10-11-12
1600	1335	3	1000MCM	4	250MCM	1/2 X 6	5-6-7-8-9-10-11-12
2000	1700	5	600MCM	7	350MCM	3/4 X 5	6-7-8-9-10-11-12
2500	2040	6	600MCM	8	350MCM	3/4 X 6	6-7-8-9-10-11-12

CU NOM. AMP	3 WIRES				4 WIRES				5 WIRES					
	CATALOG #	A	B	C	CATALOG #	A	B	C	CATALOG #	A	B	C	D	E
225	1412 BTSS03203	36	18	8	1412 BTSS03204	36	22	8	1412 BTSS03205	36	26	8	27	7.75
225	1412 BTSS04203	48	18	8	1412 BTSS04204	48	22	8	1412 BTSS04205	48	26	8	36	7.75
225	1412 BTSS05203	60	18	8	1412 BTSS05204	60	22	8	1412 BTSS05205	60	26	8	45	13.75
225	1412 BTSS06203	72	18	8	1412 BTSS06204	72	22	8	1412 BTSS06205	72	26	8	54	16.75
225	1412 BTSS07203	84	18	8	1412 BTSS07204	84	22	8	1412 BTSS07205	84	26	8	63	16.75
225	1412 BTSS08203	96	18	8	1412 BTSS08204	96	22	8	1412 BTSS08205	96	26	8	72	16.75
225	1412 BTSS09203	108	18	8	1412 BTSS09204	108	22	8	1412 BTSS09205	108	26	8	81	16.75
400	1412 BTSS03403	36	18	8	1412 BTSS03404	36	22	8	1412 BTSS03405	36	26	8	27	7.75
400	1412 BTSS04403	48	18	8	1412 BTSS04404	48	22	8	1412 BTSS04405	48	26	8	36	7.75
400	1412 BTSS05403	60	18	8	1412 BTSS05404	60	22	8	1412 BTSS05405	60	26	8	45	13.75
400	1412 BTSS06403	72	18	8	1412 BTSS06404	72	22	8	1412 BTSS06405	72	26	8	54	16.75
400	1412 BTSS07403	84	18	8	1412 BTSS07404	84	22	8	1412 BTSS07405	84	26	8	63	16.75
400	1412 BTSS08403	96	18	8	1412 BTSS08404	96	22	8	1412 BTSS08405	96	26	8	72	16.75
400	1412 BTSS09403	108	18	8	1412 BTSS09404	108	22	8	1412 BTSS09405	108	26	8	81	16.75
400	1412 BTSS10403	120	18	8	1412 BTSS10404	120	22	8	1412 BTSS10405	120	26	8	90	16.75



CU NOM. AMP	3 WIRES				4 WIRES				5 WIRES					
	CATALOG #	A	B	C	CATALOG #	A	B	C	CATALOG #	A	B	C	D	E
600	1412 BTSS03603	36	24	10	1412 BTSS03604	36	30	10	1412 BTSS03605	36	36	10	27	7.75
600	1412 BTSS04603	48	24	10	1412 BTSS04604	48	30	10	1412 BTSS04605	48	36	10	36	7.75
600	1412 BTSS05603	60	24	10	1412 BTSS05604	60	30	10	1412 BTSS05605	60	36	10	72	13.75
600	1412 BTSS06603	72	24	10	1412 BTSS06604	72	30	10	1412 BTSS06605	72	36	10	54	16.75
600	1412 BTSS07603	84	24	10	1412 BTSS07604	84	30	10	1412 BTSS07605	84	36	10	63	16.75
600	1412 BTSS08603	96	24	10	1412 BTSS08604	96	30	10	1412 BTSS08605	96	36	10	72	16.75
600	1412 BTSS09603	108	24	10	1412 BTSS09604	108	30	10	1412 BTSS09605	108	36	10	81	16.75
600	1412 BTSS10603	120	24	10	1412 BTSS10604	120	30	10	1412 BTSS10605	120	36	10	90	16.75
600	1412 BTSS11603	132	24	10	1412 BTSS11604	132	30	10	1412 BTSS11605	132	36	10	99	16.75
600	1412 BTSS12603	144	24	10	1412 BTSS12604	144	30	10	1412 BTSS12605	144	36	10	108	16.75
800	1412 BTSS03803	36	24	10	1412 BTSS03804	36	30	10	1412 BTSS03805	36	36	10	27	7.75
800	1412 BTSS04803	48	24	10	1412 BTSS04804	48	30	10	1412 BTSS04805	48	36	10	36	7.75
800	1412 BTSS05803	60	24	10	1412 BTSS05804	60	30	10	1412 BTSS05805	60	36	10	45	13.75
800	1412 BTSS06803	72	24	10	1412 BTSS06804	72	30	10	1412 BTSS06805	72	36	10	54	16.75
800	1412 BTSS07803	84	24	10	1412 BTSS07804	84	30	10	1412 BTSS07805	84	36	10	63	16.75
800	1412 BTSS08803	96	24	10	1412 BTSS08804	96	30	10	1412 BTSS08805	96	36	10	72	16.75
800	1412 BTSS09803	108	24	10	1412 BTSS09804	108	30	10	1412 BTSS09805	108	36	10	81	16.75
800	1412 BTSS10803	120	24	10	1412 BTSS10804	120	30	10	1412 BTSS10805	120	36	10	90	16.75
800	1412 BTSS11803	132	24	10	1412 BTSS11804	132	30	10	1412 BTSS11805	132	36	10	99	16.75
800	1412 BTSS12803	144	24	10	1412 BTSS12804	144	30	10	1412 BTSS12805	144	36	10	108	16.75
1000	1412 BTSS051003	60	24	10	1412 BTSS051004	60	30	10	1412 BTSS051005	60	36	10	45	13.75
1000	1412 BTSS061003	72	24	10	1412 BTSS061004	72	30	10	1412 BTSS061005	72	36	10	54	16.75
1000	1412 BTSS071003	84	24	10	1412 BTSS071004	84	30	10	1412 BTSS071005	84	36	10	63	16.75
1000	1412 BTSS081003	96	24	10	1412 BTSS081004	96	30	10	1412 BTSS081005	96	36	10	72	16.75
1000	1412 BTSS091003	108	24	10	1412 BTSS091004	108	30	10	1412 BTSS091005	108	36	10	81	16.75
1000	1412 BTSS101003	120	24	10	1412 BTSS101004	120	30	10	1412 BTSS101005	120	36	10	90	16.75
1000	1412 BTSS111003	132	24	10	1412 BTSS111004	132	30	10	1412 BTSS111005	132	36	10	99	16.75
1000	1412 BTSS121003	144	24	10	1412 BTSS121004	144	30	10	1412 BTSS121005	144	36	10	108	16.75
1200	1412 BTSS051203	60	24	10	1412 BTSS051204	60	30	10	1412 BTSS051205	60	36	10	45	13.75
1200	1412 BTSS061203	72	24	10	1412 BTSS061204	72	30	10	1412 BTSS061205	72	36	10	54	16.75
1200	1412 BTSS071203	84	24	10	1412 BTSS071204	84	30	10	1412 BTSS071205	84	36	10	63	16.75
1200	1412 BTSS081203	96	24	10	1412 BTSS081204	96	30	10	1412 BTSS081205	96	36	10	72	16.75
1200	1412 BTSS091203	108	24	10	1412 BTSS091204	108	30	10	1412 BTSS091205	108	36	10	81	16.75
1200	1412 BTSS101203	120	24	10	1412 BTSS101204	120	30	10	1412 BTSS101205	120	36	10	90	16.75
1200	1412 BTSS111203	132	24	10	1412 BTSS111204	132	30	10	1412 BTSS111205	132	36	10	99	16.75
1200	1412 BTSS121203	144	24	10	1412 BTSS121204	144	30	10	1412 BTSS121205	144	36	10	108	16.75
1600	1412 BTSS051603	60	27	10	1412 BTSS051604	60	32	12	1412 BTSS051605	60	37	12	45	13.75
1600	1412 BTSS061603	72	27	10	1412 BTSS061604	72	32	12	1412 BTSS061605	72	37	12	54	16.75
1600	1412 BTSS071603	84	27	10	1412 BTSS071604	84	32	12	1412 BTSS071605	84	37	12	63	16.75
1600	1412 BTSS081603	96	27	10	1412 BTSS081604	96	32	12	1412 BTSS081605	96	37	12	72	16.75
1600	1412 BTSS091603	108	27	10	1412 BTSS091604	108	32	12	1412 BTSS091605	108	37	12	81	16.75
1600	1412 BTSS101603	120	27	10	1412 BTSS101604	120	32	12	1412 BTSS101605	120	37	12	90	16.75
1600	1412 BTSS111603	132	27	10	1412 BTSS111604	132	32	12	1412 BTSS111605	132	37	12	99	16.75
1600	1412 BTSS121603	144	27	10	1412 BTSS121604	144	32	12	1412 BTSS121605	144	37	12	108	16.75
2000	1412 BTSS062003	72	30	10	1412 BTSS062004	72	37	12	1412 BTSS062005	72	44	12	54	16.75
2000	1412 BTSS072003	84	30	10	1412 BTSS072004	84	37	12	1412 BTSS072005	84	44	12	63	16.75
2000	1412 BTSS082003	96	30	10	1412 BTSS082004	96	37	12	1412 BTSS082005	96	44	12	72	16.75
2000	1412 BTSS092003	108	30	10	1412 BTSS092004	108	37	12	1412 BTSS092005	108	44	12	81	16.75
2000	1412 BTSS102003	120	30	10	1412 BTSS102004	120	37	12	1412 BTSS102005	120	44	12	90	16.75
2000	1412 BTSS112003	132	30	10	1412 BTSS112004	132	37	12	1412 BTSS112005	132	44	12	99	16.75
2000	1412 BTSS122003	144	30	10	1412 BTSS122004	144	37	12	1412 BTSS122005	144	44	12	108	16.75
2500	1412 BTSS062503	72	30	10	1412 BTSS062504	72	37	12	1412 BTSS062505	72	44	12	54	16.75
2500	1412 BTSS072503	84	30	10	1412 BTSS072504	84	37	12	1412 BTSS072505	84	44	12	63	16.75
2500	1412 BTSS082503	96	30	10	1412 BTSS082504	96	37	12	1412 BTSS082505	96	44	12	72	16.75
2500	1412 BTSS092503	108	30	10	1412 BTSS092504	108	37	12	1412 BTSS092505	108	44	12	81	16.75
2500	1412 BTSS102503	120	30	10	1412 BTSS102504	120	37	12	1412 BTSS102505	120	44	12	90	16.75
2500	1412 BTSS112503	132	30	10	1412 BTSS112504	132	37	12	1412 BTSS112505	132	44	12	99	16.75
2500	1412 BTSS122503	144	30	10	1412 BTSS122504	144	37	12	1412 BTSS122505	144	44	12	108	16.75

Bus bar also available drilled and tapped 1/4" - 20 at 6" interval, add suffix 'DT' to the catalog number (ie. 1412 BTSS...DT)
 ‡ For painted stainless steel, add suffix 'P' to the catalog number (ie. 1412 BTSS...P).

Note :

EXM lugs must be ordered separately.
 See pages 218-222 for different types of lugs.



p.646



p.626



p.693



p.715



p.655



p.227



p.227

