

Watertight bus bar splitter troughs

The 1400 BT bus bar splitter troughs are used indoors or outdoors to house bus bars for power distribution. Troughs and covers are made from 14 GA steel, with corner seams continuously welded. The opening has a curled lip around all sides to prevent dripping water from entering the enclosure when the door is open, it also increases rigidity.

A high quality robotically poured-in-place gasket ensures a complete

and durable water tight seal. The captive pins of the concealed hinges can be pulled to remove the door. Quarter turn mechanisms ensure positive closing. Troughs are available in configurations of 3, 4 or 5 aluminum, tin plated bus bars that mount on slanted insulators, which are installed on an inner panel. Lugs must be ordered separately.

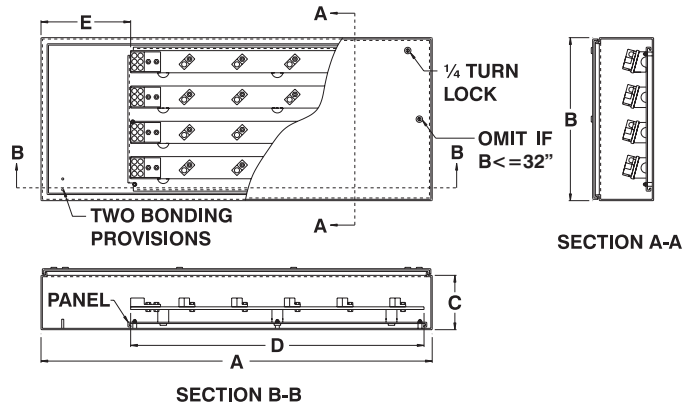
Bus bars are also available drilled and tapped 1/4 - 20 at 6" interval.

Add suffix 'DT' to the catalog number (ie. 1400BT...DT).

There are no knockouts. Troughs are finished with heat fused powder paint, electrostatically applied on a pretreated base. The box is gray, panel is white.

CSA Certified
NEMA/EEMAC 3R-4-12 / IP66

Refer to p.727 to validate choice of substrate for the application



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	1400 BT03203	36	18	8	1400 BT03204	36	22	8	1400 BT03205	36	26	8	27	7.75
225	1400 BT04203	48	18	8	1400 BT04204	48	22	8	1400 BT04205	48	26	8	36	7.75
225	1400 BT05203	60	18	8	1400 BT05204	60	22	8	1400 BT05205	60	26	8	45	13.75
225	1400 BT06203	72	18	8	1400 BT06204	72	22	8	1400 BT06205	72	26	8	54	16.75
225	1400 BT07203	84	18	8	1400 BT07204	84	22	8	1400 BT07205	84	26	8	63	16.75
225	1400 BT08203	96	18	8	1400 BT08204	96	22	8	1400 BT08205	96	26	8	72	16.75
225	1400 BT09203	108	18	8	1400 BT09204	108	22	8	1400 BT09205	108	26	8	81	16.75
400	1400 BT03403	36	18	8	1400 BT03404	36	22	8	1400 BT03405	36	26	8	27	7.75
400	1400 BT04403	48	18	8	1400 BT04404	48	22	8	1400 BT04405	48	26	8	36	7.75
400	1400 BT05403	60	18	8	1400 BT05404	60	22	8	1400 BT05405	60	26	8	45	13.75
400	1400 BT06403	72	18	8	1400 BT06404	72	22	8	1400 BT06405	72	26	8	54	16.75
400	1400 BT07403	84	18	8	1400 BT07404	84	22	8	1400 BT07405	84	26	8	63	16.75
400	1400 BT08403	96	18	8	1400 BT08404	96	22	8	1400 BT08405	96	26	8	72	16.75
400	1400 BT09403	108	18	8	1400 BT09404	108	22	8	1400 BT09405	108	26	8	81	16.75
400	1400 BT10403	120	18	8	1400 BT10404	120	22	8	1400 BT10405	120	26	8	90	16.75

Data subject to change without notice.



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CU NOM. AMP	3 WIRES			4 WIRES			5 WIRES							
	CATALOG #	A	B	C	CATALOG #	A	B	C	CATALOG #	A	B	C	D	E
600	1400 BT03603	36	24	10	1400 BT03604	36	30	10	1400 BT03605	36	36	10	27	7.75
600	1400 BT04603	48	24	10	1400 BT04604	48	30	10	1400 BT04605	48	36	10	36	7.75
600	1400 BT05603	60	24	10	1400 BT05604	60	30	10	1400 BT05605	60	36	10	45	13.75
600	1400 BT06603	72	24	10	1400 BT06604	72	30	10	1400 BT06605	72	36	10	54	16.75
600	1400 BT07603	84	24	10	1400 BT07604	84	30	10	1400 BT07605	84	36	10	63	16.75
600	1400 BT08603	96	24	10	1400 BT08604	96	30	10	1400 BT08605	96	36	10	72	16.75
600	1400 BT09603	108	24	10	1400 BT09604	108	30	10	1400 BT09605	108	36	10	81	16.75
600	1400 BT10603	120	24	10	1400 BT10604	120	30	10	1400 BT10605	120	36	10	90	16.75
600	1400 BT11603	132	24	10	1400 BT11604	132	30	10	1400 BT11605	132	36	10	99	16.75
600	1400 BT12603	144	24	10	1400 BT12604	144	30	10	1400 BT12605	144	36	10	108	16.75
800	1400 BT03803	36	24	10	1400 BT03804	36	30	10	1400 BT03805	36	36	10	27	7.75
800	1400 BT04803	48	24	10	1400 BT04804	48	30	10	1400 BT04805	48	36	10	36	7.75
800	1400 BT05803	60	24	10	1400 BT05804	60	30	10	1400 BT05805	60	36	10	45	13.75
800	1400 BT06803	72	24	10	1400 BT06804	72	30	10	1400 BT06805	72	36	10	54	16.75
800	1400 BT07803	84	24	10	1400 BT07804	84	30	10	1400 BT07805	84	36	10	63	16.75
800	1400 BT08803	96	24	10	1400 BT08804	96	30	10	1400 BT08805	96	36	10	72	16.75
800	1400 BT09803	108	24	10	1400 BT09804	108	30	10	1400 BT09805	108	36	10	81	16.75
800	1400 BT10803	120	24	10	1400 BT10804	120	30	10	1400 BT10805	120	36	10	90	16.75
800	1400 BT11803	132	24	10	1400 BT11804	132	30	10	1400 BT11805	132	36	10	99	16.75
800	1400 BT12803	144	24	10	1400 BT12804	144	30	10	1400 BT12805	144	36	10	108	16.75
1000	1400 BT051003	60	24	10	1400 BT051004	60	30	10	1400 BT051005	60	36	10	45	13.75
1000	1400 BT061003	72	24	10	1400 BT061004	72	30	10	1400 BT061005	72	36	10	54	16.75
1000	1400 BT071003	84	24	10	1400 BT071004	84	30	10	1400 BT071005	84	36	10	63	16.75
1000	1400 BT081003	96	24	10	1400 BT081004	96	30	10	1400 BT081005	96	36	10	72	16.75
1000	1400 BT091003	108	24	10	1400 BT091004	108	30	10	1400 BT091005	108	36	10	81	16.75
1000	1400 BT101003	120	24	10	1400 BT101004	120	30	10	1400 BT101005	120	36	10	90	16.75
1000	1400 BT111003	132	24	10	1400 BT111004	132	30	10	1400 BT111005	132	36	10	99	16.75
1000	1400 BT121003	144	24	10	1400 BT121004	144	30	10	1400 BT121005	144	36	10	108	16.75
1200	1400 BT051203	60	24	10	1400 BT051204	60	30	10	1400 BT051205	60	36	10	45	13.75
1200	1400 BT061203	72	24	10	1400 BT061204	72	30	10	1400 BT061205	72	36	10	54	16.75
1200	1400 BT071203	84	24	10	1400 BT071204	84	30	10	1400 BT071205	84	36	10	63	16.75
1200	1400 BT081203	96	24	10	1400 BT081204	96	30	10	1400 BT081205	96	36	10	72	16.75
1200	1400 BT091203	108	24	10	1400 BT091204	108	30	10	1400 BT091205	108	36	10	81	16.75
1200	1400 BT101203	120	24	10	1400 BT101204	120	30	10	1400 BT101205	120	36	10	90	16.75
1200	1400 BT111203	132	24	10	1400 BT111204	132	30	10	1400 BT111205	132	36	10	99	16.75
1200	1400 BT121203	144	24	10	1400 BT121204	144	30	10	1400 BT121205	144	36	10	108	16.75
1600	1400 BT051603	60	27	10	1400 BT051604	60	32	12	1400 BT051605	60	37	12	45	13.75
1600	1400 BT061603	72	27	10	1400 BT061604	72	32	12	1400 BT061605	72	37	12	54	16.75
1600	1400 BT071603	84	27	10	1400 BT071604	84	32	12	1400 BT071605	84	37	12	63	16.75
1600	1400 BT081603	96	27	10	1400 BT081604	96	32	12	1400 BT081605	96	37	12	72	16.75
1600	1400 BT091603	108	27	10	1400 BT091604	108	32	12	1400 BT091605	108	37	12	81	16.75
1600	1400 BT101603	120	27	10	1400 BT101604	120	32	12	1400 BT101605	120	37	12	90	16.75
1600	1400 BT111603	132	27	10	1400 BT111604	132	32	12	1400 BT111605	132	37	12	99	16.75
1600	1400 BT121603	144	27	10	1400 BT121604	144	32	12	1400 BT121605	144	37	12	108	16.75
2000	1400 BT062003	72	30	10	1400 BT062004	72	37	12	1400 BT062005	72	44	12	54	16.75
2000	1400 BT072003	84	30	10	1400 BT072004	84	37	12	1400 BT072005	84	44	12	63	16.75
2000	1400 BT082003	96	30	10	1400 BT082004	96	37	12	1400 BT082005	96	44	12	72	16.75
2000	1400 BT092003	108	30	10	1400 BT092004	108	37	12	1400 BT092005	108	44	12	81	16.75
2000	1400 BT102003	120	30	10	1400 BT102004	120	37	12	1400 BT102005	120	44	12	90	16.75
2000	1400 BT112003	132	30	10	1400 BT112004	132	37	12	1400 BT112005	132	44	12	99	16.75
2000	1400 BT122003	144	30	10	1400 BT122004	144	37	12	1400 BT122005	144	44	12	108	16.75
2500	1400 BT062503	72	30	10	1400 BT062504	72	37	12	1400 BT062505	72	44	12	54	16.75
2500	1400 BT072503	84	30	10	1400 BT072504	84	37	12	1400 BT072505	84	44	12	63	16.75
2500	1400 BT082503	96	30	10	1400 BT082504	96	37	12	1400 BT082505	96	44	12	72	16.75
2500	1400 BT092503	108	30	10	1400 BT092504	108	37	12	1400 BT082505	108	44	12	81	16.75
2500	1400 BT102503	120	30	10	1400 BT102504	120	37	12	1400 BT102505	120	44	12	90	16.75
2500	1400 BT112503	132	30	10	1400 BT112504	132	37	12	1400 BT112505	132	44	12	99	16.75
2500	1400 BT122503	144	30	10	1400 BT122504	144	37	12	1400 BT122505	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. 1400 BT...DT)

Note :

EXM lugs must be ordered separately.
See pages 238-239 for different types of lugs.

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