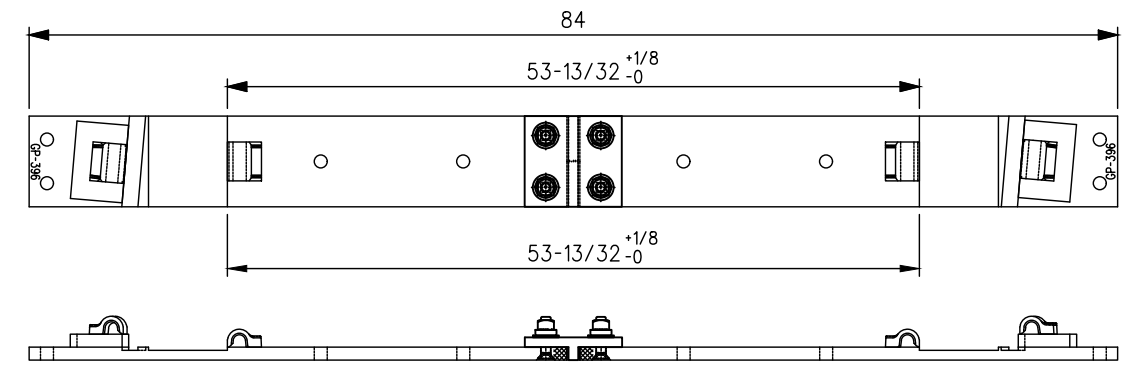


TYPICAL 2ND AND 3RD GAUGE PLATE ASSEMBLY

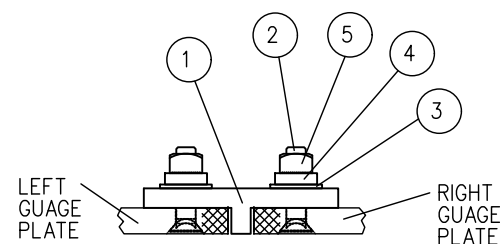


GP396/GP396 INSULATED PLATE ASSEMBLY

WEIGHT 180 LBS.

BILL OF MATERIAL					
WEIGHT	GAUGE PLATE MARK NUMBERS		STANDARD PLAN NO.	CRITICAL DIMENSIONS	
	RIGHT SIDE	LEFT SIDE		X	Y
204	397	398	GTS-0525	53-7/16	53-3/8
204	397	399	GTS-0525	53-21/32	53-19/32
204	400	397	GTS-0525	53-7/16	53-3/8
204	401	397	GTS-0525	53-21/32	53-19/32
204	397	402	GTS-0525	53-7/16	53-3/8
204	397	403	GTS-0525	53-21/32	53-19/32
204	404	397	GTS-0525	53-7/16	53-3/8
204	405	397	GTS-0525	53-21/32	53-19/32
204	397	406	GTS-0525	53-15/32	53-3/8
204	397	407	GTS-0525	53-25/32	53-11/16
204	408	397	GTS-0525	53-1/2	53-13/32
204	409	397	GTS-0525	53-13/16	53-23/32
204	397	410	GTS-0525	53-7/16	53-3/8
204	397	411	GTS-0525	53-5/8	53-9/16
204	412	397	GTS-0525	53-7/16	53-3/8
204	413	397	GTS-0525	53-21/32	53-19/32
204	397	414	GTS-0525	53-15/32	53-13/32
204	347	415	GTS-0525	53-11/16	53-5/8
204	416	397	GTS-0525	53-15/32	53-13/32
204	417	397	GTS-0525	53-11/16	53-5/8

POWER				
T.O.	RIGHT HAND		LEFT HAND	
#10	GP396	GP397	GP397	GP396
	GP396	GP400	GP401	GP396
#12	GP396	GP397	GP397	GP396
	GP396	GP404	GP405	GP396
#15	GP396	GP397	GP397	GP396
	GP396	GP416	GP417	GP396
#16	GP396	GP397	GP397	GP396
	GP396	GP408	GP409	GP396
#20	GP396	GP397	GP397	GP396
	GP396	GP412	GP413	GP396



INSULATED PLATE ASSEMBLY DETAIL

THE FOLLOWING ITEMS ARE INCLUDED IN THE GAUGE PLATE ASSEMBLY:

ITEM	QTY	DESCRIPTION
1	1	INSULATION FOR 3/4" THICK GAUGE PLATE, 3/4" X 7" X 7-1/2"
2	4	PLOW BOLT, 3/4" DIA. X 3-1/2" LONG, ROUND HEAD, SQUARE NECK, Gr. 5
3	4	WASHER, 3/4" DIA., PLAIN, TYPE 'A' WIDE, 13/16" X 2" X 0.148"
4	4	SPRING WASHER, 3/4" DIA.
5	4	NUT, 3/4" DIA., HEAVY SQUARE, Gr. 5

NOTES:

- DIELECTRIC REQUIREMENT: DIELECTRIC TESTS SHALL BE MADE WITH THE INSULATION DRY. ASSEMBLED INSULATED TRACK FITTINGS SHALL WITHSTAND FOR NOT LESS THAN THREE SECONDS AN INSULATED TEST OF 1500 VOLTS A.C. WITHOUT FLASH OVER OR PUNCTURE BETWEEN ALL METALLIC PARTS AND OTHER METALLIC PARTS INSULATED THEREFROM.
- WHEN REFERRING TO A COMPLETE GAUGE PLATE ASSEMBLY AS SHOWN, MARK NUMBER OF BOTH GAUGE PLATE HALVES MUST BE STATED (EX. GP412/GP397) TO IDENTIFY THE ACTUAL GAUGE PLATE.
- THE RIGHT SIDE GAUGE PLATE HALF IS STATED FIRST IN ALL INSTANCES.

METRIC CONVERSION: 1 inch=25.4mm, 1 foot=304.8mm

1	18/07/27	ADDED IMPERIAL TO METRIC CONVERSION NOTE	
No.	Date	Revision	By Approved

Standard / **ASSEMBLY INSULATED GAUGE PLATES FOR 136 LB. WELDED T/O ON WOOD TIES**

Drawn PCV Checked DL Approved *DL* VP Engineering & Asset Management



Date SEPT 15/2017 Plan Number GTS-0523 Rev 1