User Mounting and Assembly Instructions

HM501225U001 Issue 3

Parts List:

Chassis Assembly LA501088UXXX		CS Module Control Cable CM471462U002	
STO PCB AH471776U001		CP to CS Control Cable CM471686U003	
AC890PX Control Module 890CM		Blanking plates LA501357U001 BA501301U002 BA501301U003	
AC890 CS Module LA471171UXXX (optional)		Bracket x 2 BA501090	
AC890 CD Module LA471160UXXX x 3		Housing Bracket BA501111 BA501112	
AC890 CP module LA471175UXXX (optional)		Air duct BA501114 BA501113	
STO Feedback Cable CM472271U002		Roof Vent LA501358	
STO Supply Cable CM501215U001		Mounting Bracket BA501092 x 2	
STO connection Cable LA501221		Mounting Bracket BA501093	
Module Control Cables CM471297U002 CM471297U003 CM471297U004		Upper & Lower Setting Plates BA501120	
Earth Wire Assembly CM467679U001		TS8 Adaptor BA501091 x 2	
Module Power Cables CM501601U100 CM501601U500 CM501600U200 CM501600U300 CM501600U400		Also Included: Grommets, screws, p clips, gasket strip, etc.	
Right & Left Side Panels LA501220U001 LA501220U002	See page 23 *(drawing no. LA501088U000)*		

Before starting assembly you must read the Safety Instructions at the beginning of Product Manual HA501299U001 available from www.parker.com/ssd.

1. Assemble cubicle ready for mounting AC890PX Frame M.

Notes:
The minimum required backpanel width is 600mm.

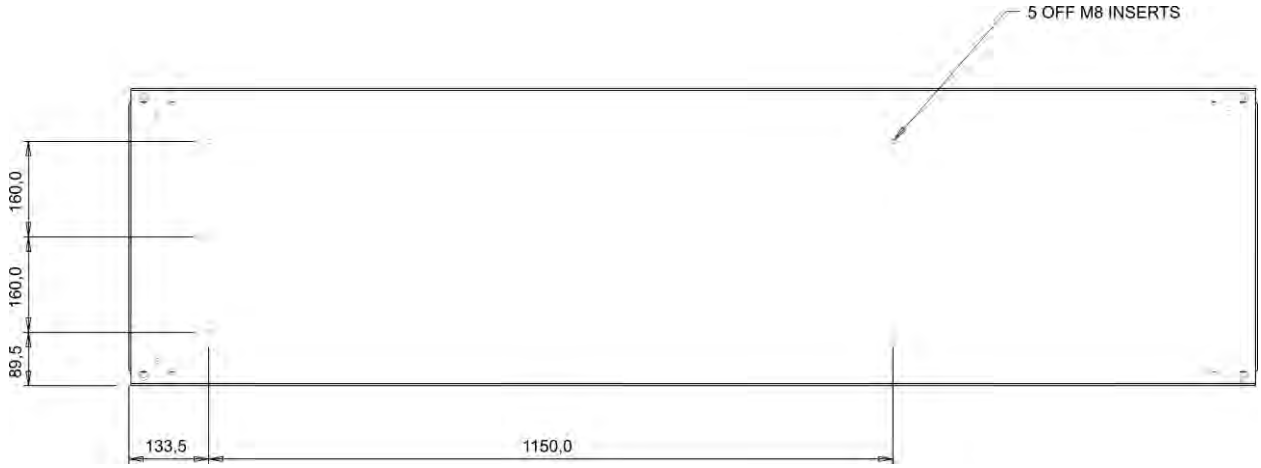
This product is intended to be mounted in an appropriate electrical enclosure in a vertical position where it is not subject to excessive heat or vibration.

These instructions use a Rittal TS8 cubical. If the product is not to be mounted in a Rittal cubical then refer to HG501237U001.

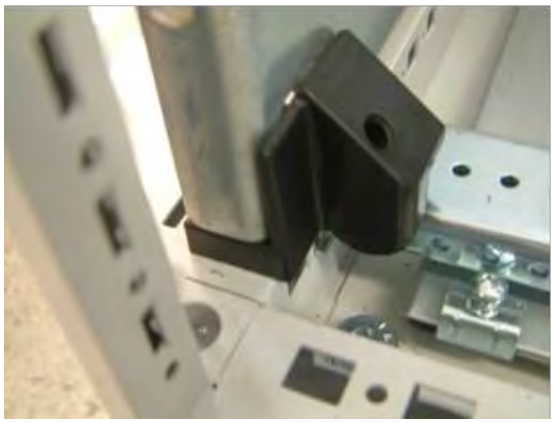
These instruction need to be used in conjunction with assembly drawing LA501088U000.

Co-ordinates for a Rittal TS8 or PS8 series 600mm back panel HG501140.

Punch or drill the required mounting holes into the cubicle backplate this drawing assumes the use of M8 inserts.

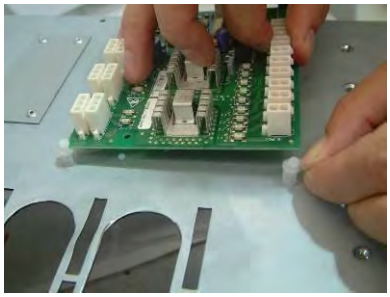


The back panel must be mounted in the rear most position.



2. Fit STO PCB Assembly AH471776U001 to retaining posts on the chassis.

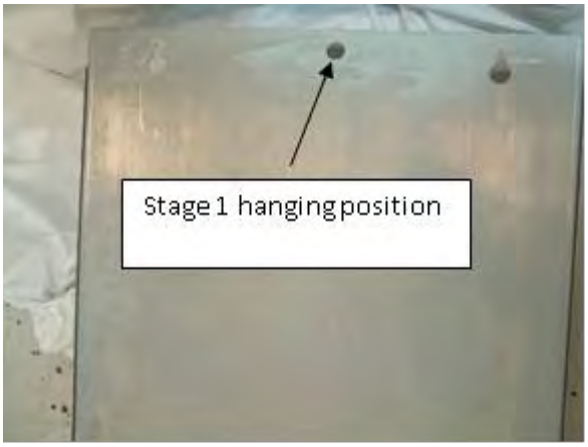
This equipment contains electrostatic discharge (ESD) sensitive parts. Observe static control precautions when handling, installing and servicing this product.



3. Mount the chassis into the cubicle.

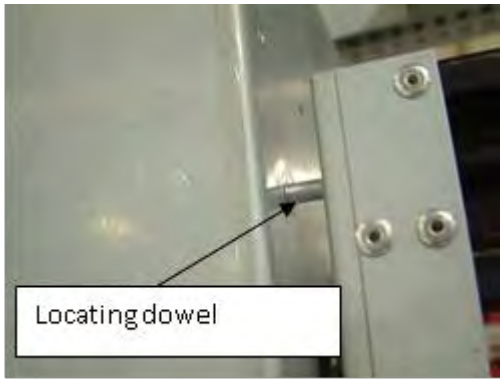
Partially insert a M8 bolt (no washer) in the centre top mounting hole.

Hang the chassis assembly from the single bolt by passing the bolt head through the large central hole on the rear panel of the chassis. Chassis is 38kg thus lifting procedures must be adhered to.



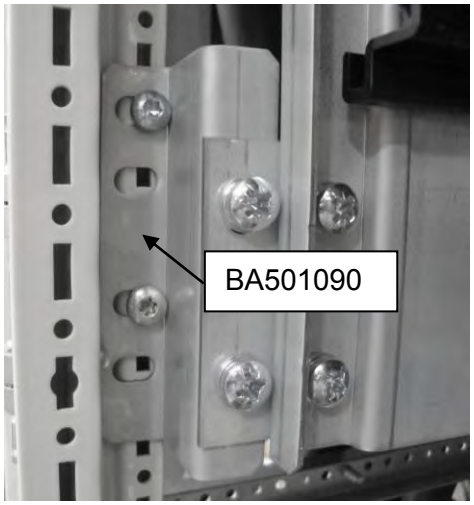
Fix to back panel in all 4 positions with M8 bolts and remove original hanging bolt.

4. Install the module mounting rails. Use the top dowels to align and fit left (LA501220U001) and right (LA501220U002) rail assembles, fix using M5 SEMs FY047651 (item 642), quantity 8 (torque setting 2.7Nm).

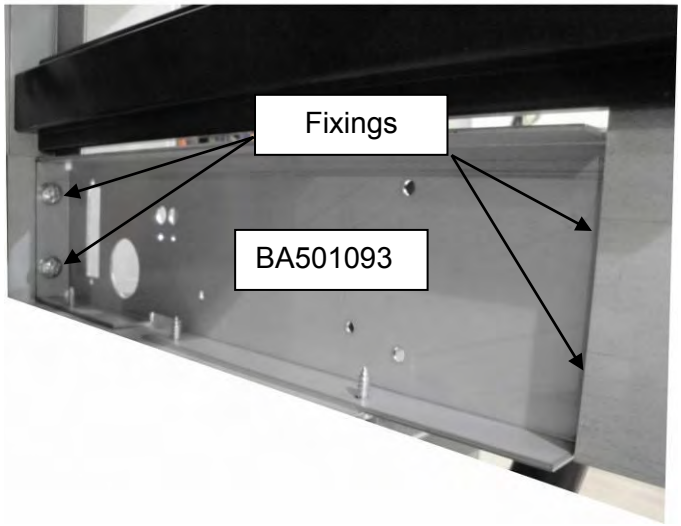


5. Fit lower left mounting bracket BA501092 (item 252) with M6 SEMs FY385692 (item 643), quantity 4 (torque setting 4.5Nm).

6. Loosely fit TS8 adaptor bracket BA501090 (item 250) to lower left mounting bracket BA501092 (item 252) with M6 SEMs FY385692 (item 643), quantity 2. Loosely fit to cubicle frame using TORX self tap screws FY501218 (item 645), quantity 2 (use upper hole positions) (torque setting 4.5Nm).



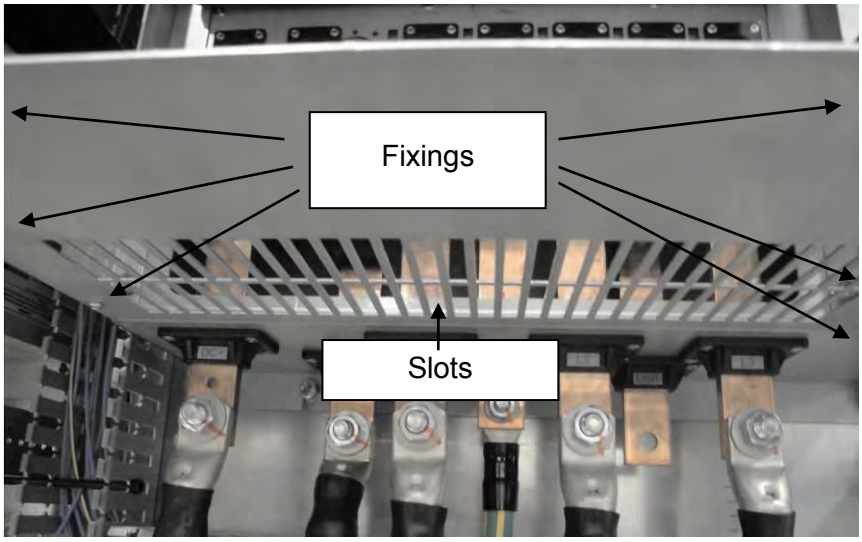
7. Fit lower right mounting bracket BA501093 (item 253) with M6 SEMs FY385692 (item 643), quantity 4 (torque setting 4.5Nm).



8. Loosely fit TS8 adaptor bracket BA501091 (item 251) to lower right mounting bracket BA501093 (item 253) with M6 SEMs FY385692 (torque setting 4.5Nm) (item 643), quantity 3. Loosely fit to cubicle frame using TORX self tap screws FY501218 (torque setting 2.7Nm) (item 645), quantity 2 (use upper hole positions).

9. Fit lower setting plate BA501120 (item258) with self tap screws FY501150 (item 640), quantity 6.

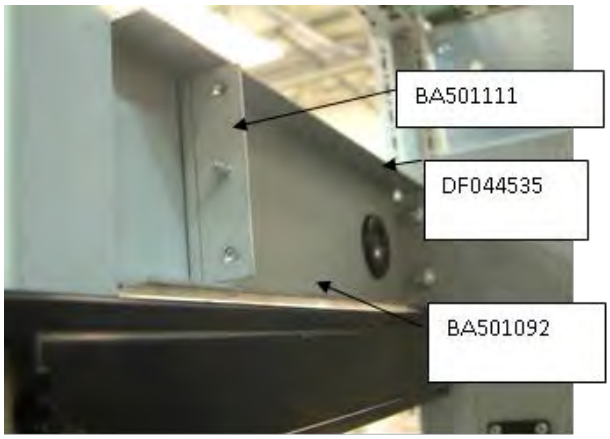
Tighten screws on TS8 adaptor bracket BA501091 (item 251) and TS8 adaptor bracket BA501090 (item 250), on right and left sides, quantity 5. Tighten TORX self tap screws FY501218 (item 645) slots towards the back, on both left and right sides, quantity 6.



10. Fit upper left mounting bracket BA501092 (item 252) with M6 SEMs FY385692 (torque setting 4.5Nm) (item 643), quantity 4. Fix earth wire assembly CM467679U001 (item 285) with front top screw, as shown.

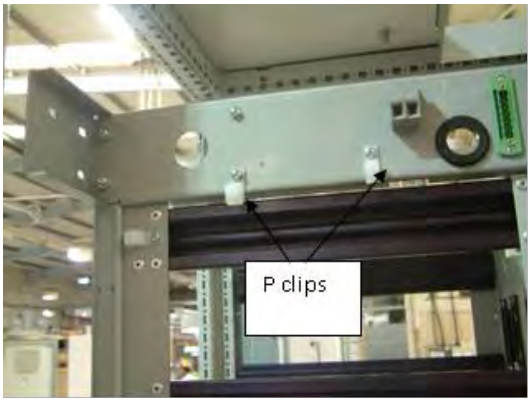
Fit control housing bracket BA501111 (item 259) to left mounting bracket BA501092 (item 252) with M4 SEMs FY385968 (item 644), quantity 2.

Add grommet DF044535 (item 431) to mounting bracket BA501092 (item 252), this grommet only has wires passing through it when it is configured as a parallel stack.



11. Loosely fit TS8 adaptor bracket BA501090 (item 250) to upper left mounting bracket BA501092 (item 252) with M6 SEMs FY385692 (item 643), quantity 2. Loosely fit to cubicle frame using TORX self tap screws FY501218 (item 645), quantity 2 (use lower hole positions).

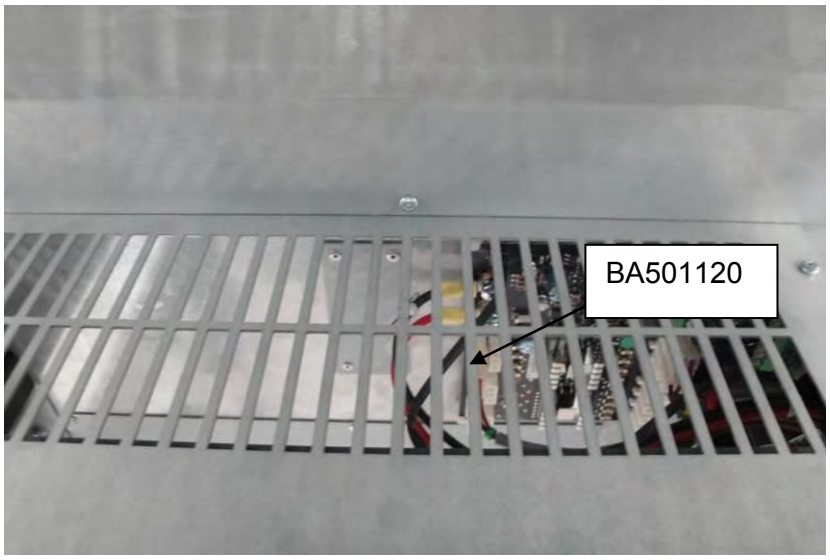
12. Fit upper right mounting bracket BA501093 (item 253) with M6 SEMs FY385692 (item 643), quantity 4. Fit control housing bracket BA501112 (item 260) to upper right mounting bracket BA501093 (item 253) with M4 SEMs FY385968 (torque setting 1.3Nm) (item 643), quantity 2.



13. Loosely fit TS8 adaptor bracket BA501091 (item 251) to upper right mounting bracket BA501093 (item 253) with M6 SEMs FY385692 (item 643), quantity 3. Loosely fit to cubicle frame using TORX self tap screws FY501218 (item 645), quantity 2 (use lower hole positions).

14. Fit upper setting plate BA501120 (item 258) with self tap screws FY501150 (item 640), quantity 6 (slots to the rear).

Tighten screws on TS8 adaptor bracket BA501091 (item 251) and TS8 adaptor bracket BA501090 (item 250), quantity 5. Tighten TORX self tap screws FY501218 (torque setting 2.7Nm) (item 645) on both sides, quantity 4.



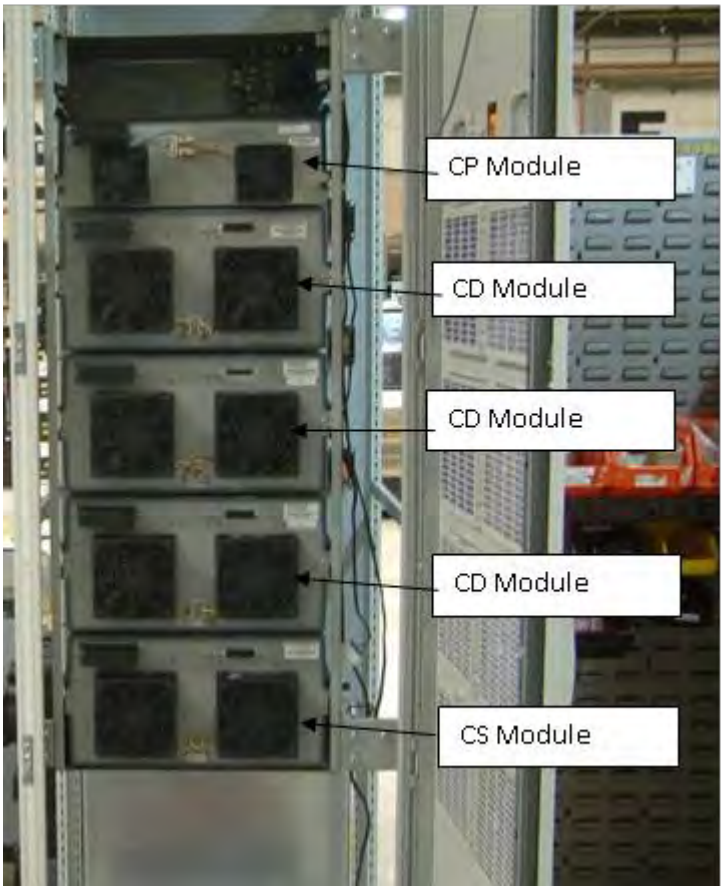
15. Populate rack with power and control modules. (*** denotes a power variant which must be verified from the ratings table). Modules are pulled into place via the insertion/extraction screws on the side of each module. This is a multi turn screw where both screws should be turned simultaneously or alternatively no more than 2 turns on each side before returned to the opposite screw. Use 5mm Allen T bars, screws will increase their resistance significantly when the module is fully seated (**do not use more than 10Nm of torque**).

Refer to Configuration Table on page 23 for module Details.

Slide the CS module LA471171U*** (item 284) into the bottom slot.

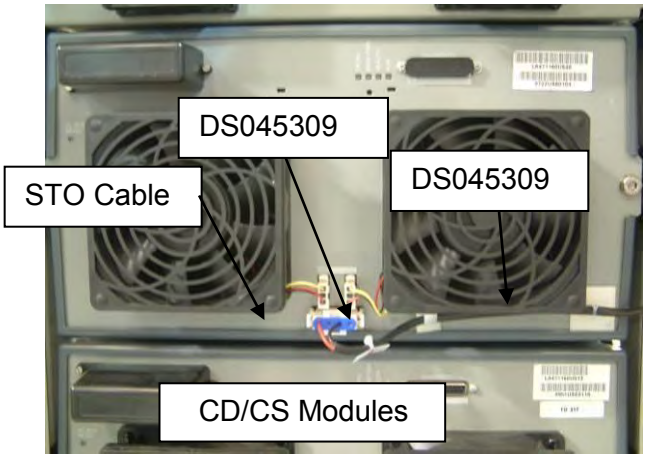
Slide 3 CD modules LA471160U*** (item 283) into the next 3 slots.

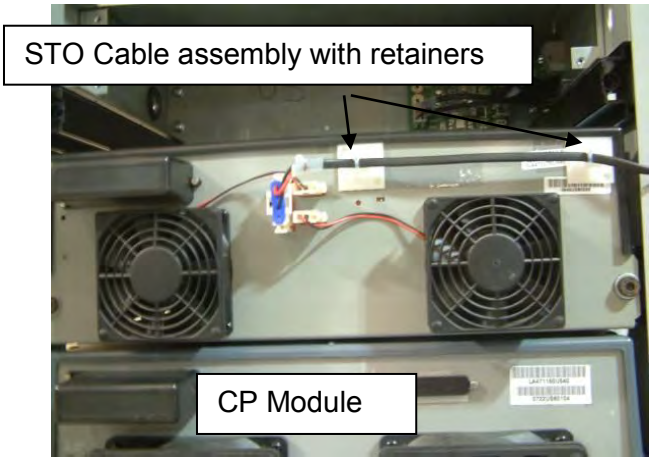
When fitted, slide a CP module LA471175U*** (item 282) into the top slot.

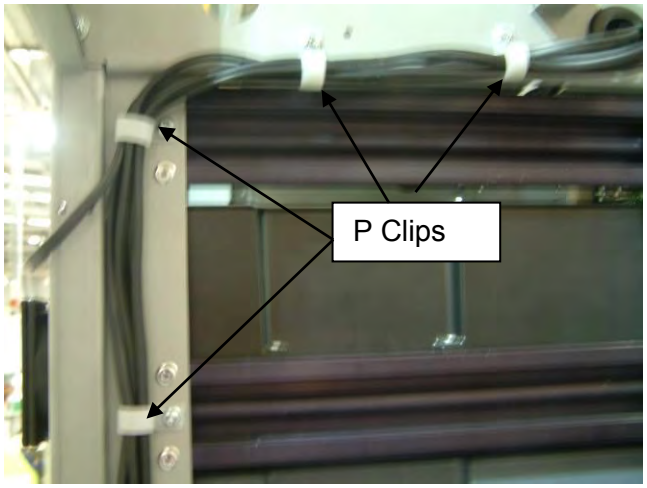


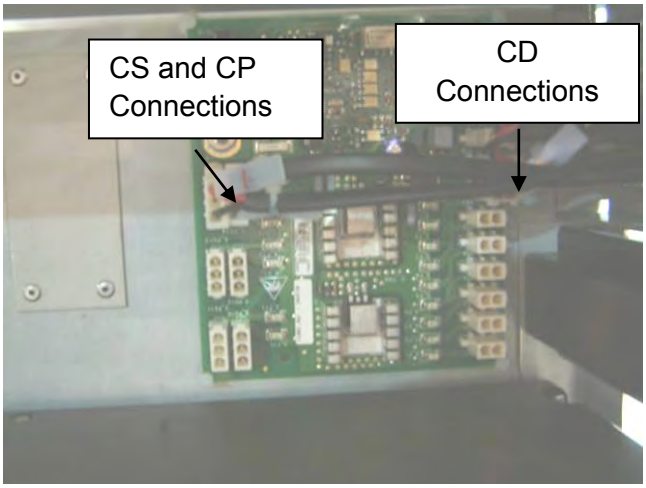
16. Add STO cable assembly CM501601U100 (item 291) to the top CP module (if fitted).
Add STO cable assembly CM501600U200 (item 293) to the top CD module.
Add STO cable assembly CM501600U300 (item 294) to the middle CD module.
Add STO cable assembly CM501600U400 (item 295) to the bottom CD module.
Add STO cable assembly CM501600U500 (item291) (item to the bottom CS module).

Cables to be retained in P clips.

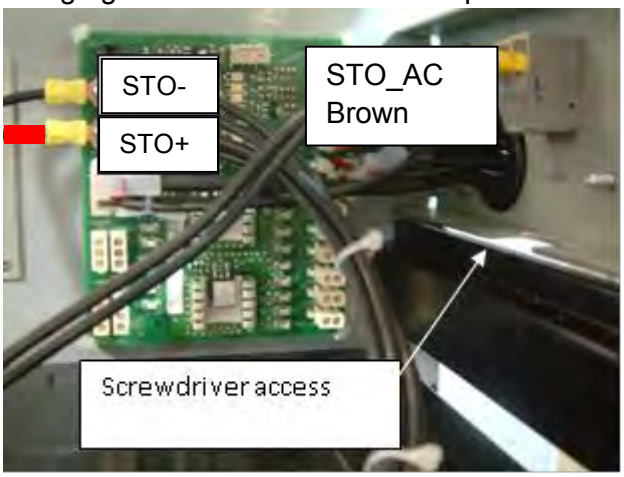






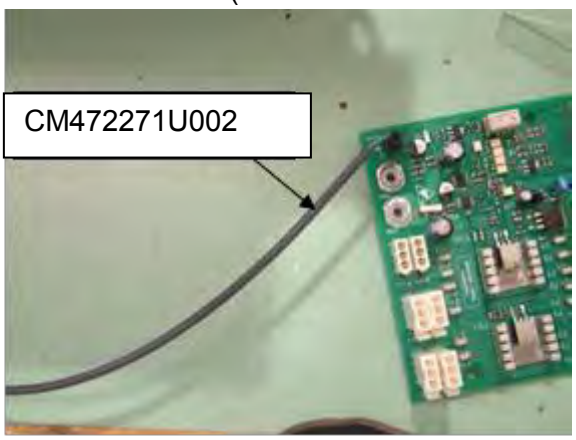


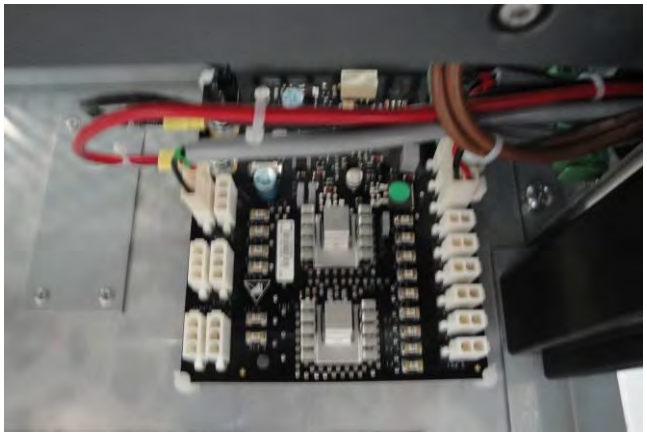
17. Add STO power cable assembly CM501215U001 (item 297), STO+ on the lower ring connection, STO- on the upper with M5 x 10 PAN POZ1 FY385690 (torque setting 2.7Nm) quantity 2, STO_AC in the side terminals (tighten terminal screws via access slot shown). Feed cable assembly through grommet and secure in P clips.



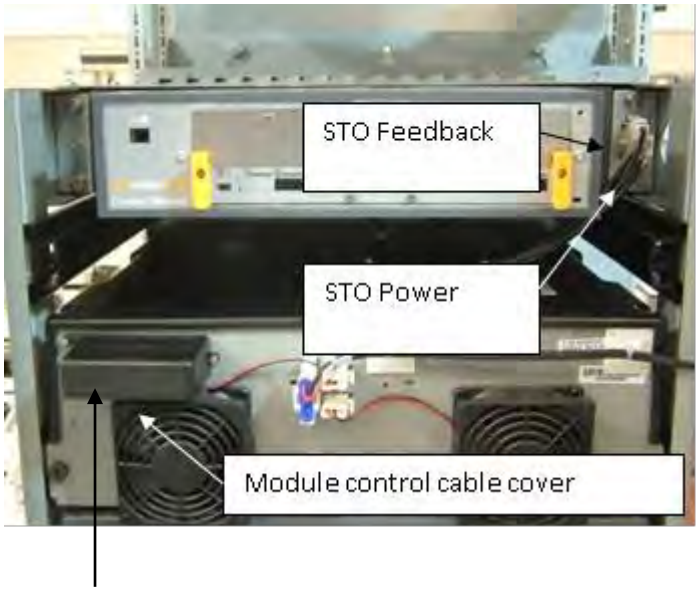
18. Add STO control wire assembly CM501217U001 and STO terminal block GE501211U001 (which are both part of Assembly LA501221 Item 254).

19. Add STO feedback cable assembly CM472271U002 (item 296) to STO assembly AH471776U001. (Item shown on bench for clarity).

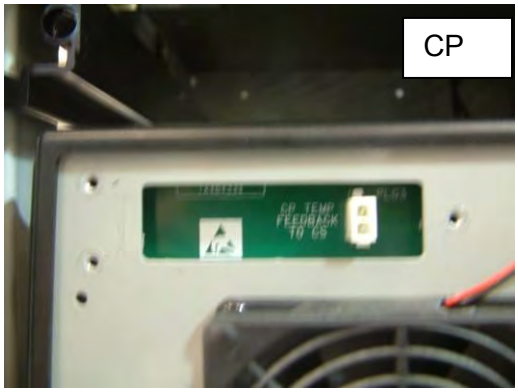


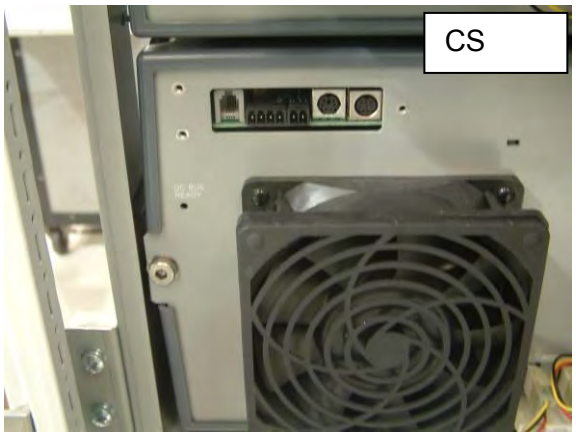


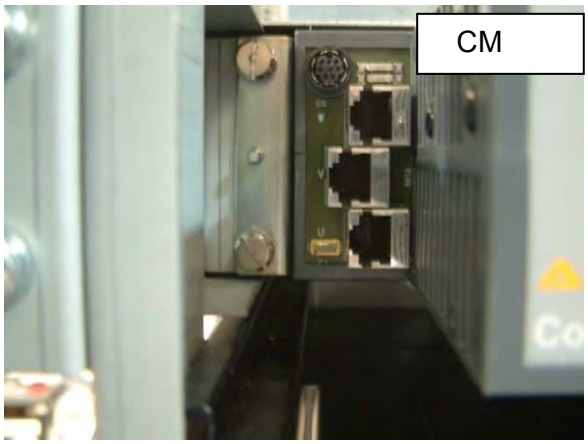
20. Fit 890CM into position by angling it in from the top and secure via retaining screws, quantity 4. Plug in STO supply cable assembly CM501215U001 (item 297) and STO feedback cable assembly CM472271U002 (item 296).



21. Remove all power module control cable covers.







22. Plug in control cables:-

a. Plug in CM471686U003 (item 290) into CP module.

b. Plug in CM471297U002 (item 286) (670mm long) into top CD module

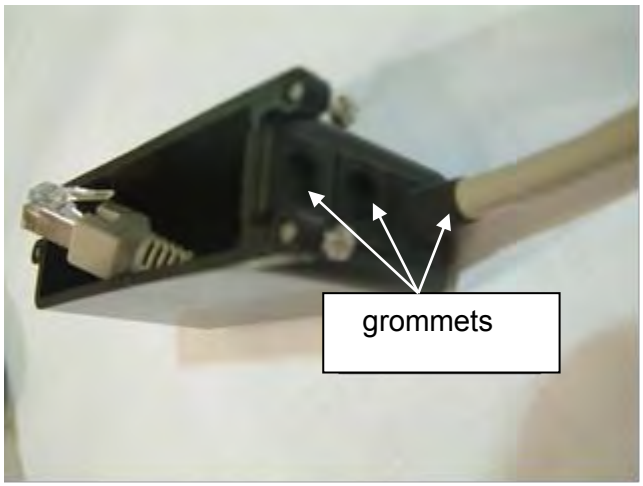
c. Plug in CM471297U003 (item 287) (900mm long) into middle CD module

d. Plug in CM471297U004 (item 288) (1200mm long) into bottom CD module

e. Plug in CM471462U002 (1200mm long) into bottom CS module

f. Plug in CM471686U003 (item 290) into CS module

23. Each module control cover needs to be populated with 3 grommets DF471202 including the one on the cable.



24. Use P clip to retain cables from the power modules to the control module.

Plug in the cable from the CS module into the control module connector marked **CS.**

Plug in the cable from the top CD module into the control module connector marked **W.**

Plug in the cable from the middle CD module into the control module connector marked **V.**

Plug in the cable from the bottom CD module into the control module connector marked **U.**

Plug in the small earth wire into the control module faston. Secure cables together with small tyrap.

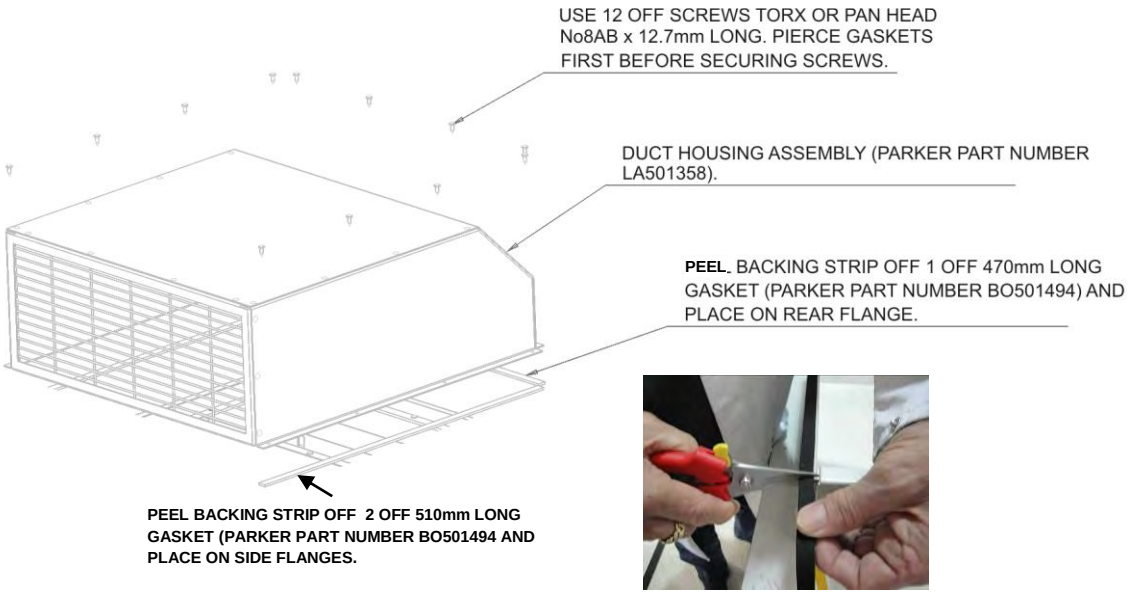
25. Fit small blanking plate LA501357U001 (item 298) with bolts FB376R25 fitted with M8 washers FC12301R (torque setting 4.5Nm) (item 652).

If CP module is not fitted, fit medium size blanking plate BA501301U002 with bolts FB376R25 quantity 2 (item 651) fitted with M8 washer per bolt FC12301R (torque setting 4.5Nm) (item 652).

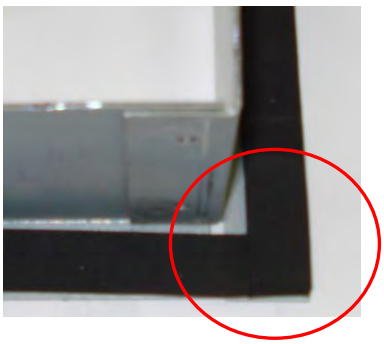
26. If CS module is not fitted, fit large size blanking plate (BA501301U003) with 2 bolts FB376R25 (torque setting 4.5Nm) (item 651) fitted with M8 washer per bolt FC12301R (item 652).

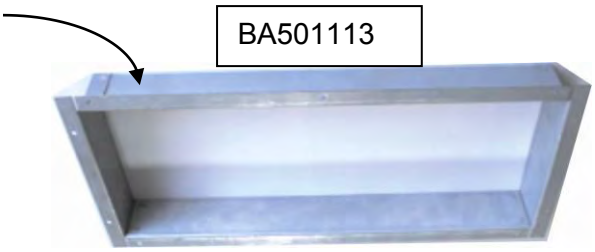
27. Assemble upper air duct BA501114 (item 257) and fix with 3 self tap screws FY501150 (loosely fit) (Item 640).

28. Fit gasket strip to roof vent LA501358, see details below, and to air duct BA501113.



Fit gasket to underside of air duct BA501113. See drawing on page 23. Making sure to fit closely at the corners.





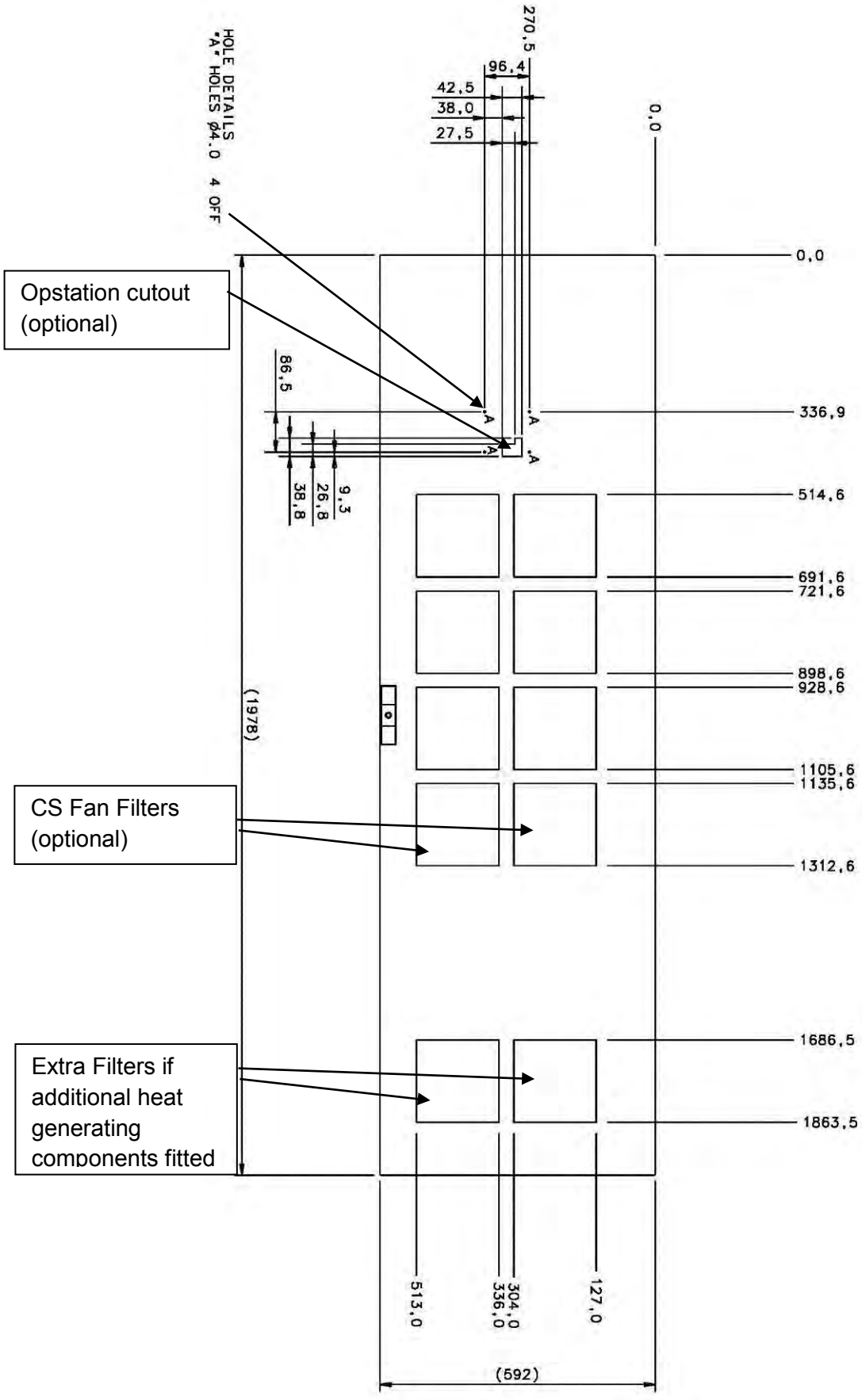
29. Cubicle roof must be cut to the following instructions (these instructions apply to a Rittal TS8 600*600mm enclosure only).

See drawing HG501087, page 29. Fit cubicle roof with details as shown.

From top of cubicle fit gasket plate BO501494 (item 261) under outlet air duct BA501113 (item 256) with 6 self tap screws FY501150 (item 640), quantity 10.

Then tighten the 3 self tap screws as mentioned in 26 above.

30. It is critical that the door filters are fitted in the correct positions as shown below.



31. Fit 200mm filters SY-000528 or equivalent Rittal SK3239.200 (parts not provided in kit).

32. If required fit Opstation (6901-00-G and 6052-00-G)

Configuration Table

Commonbus Drive

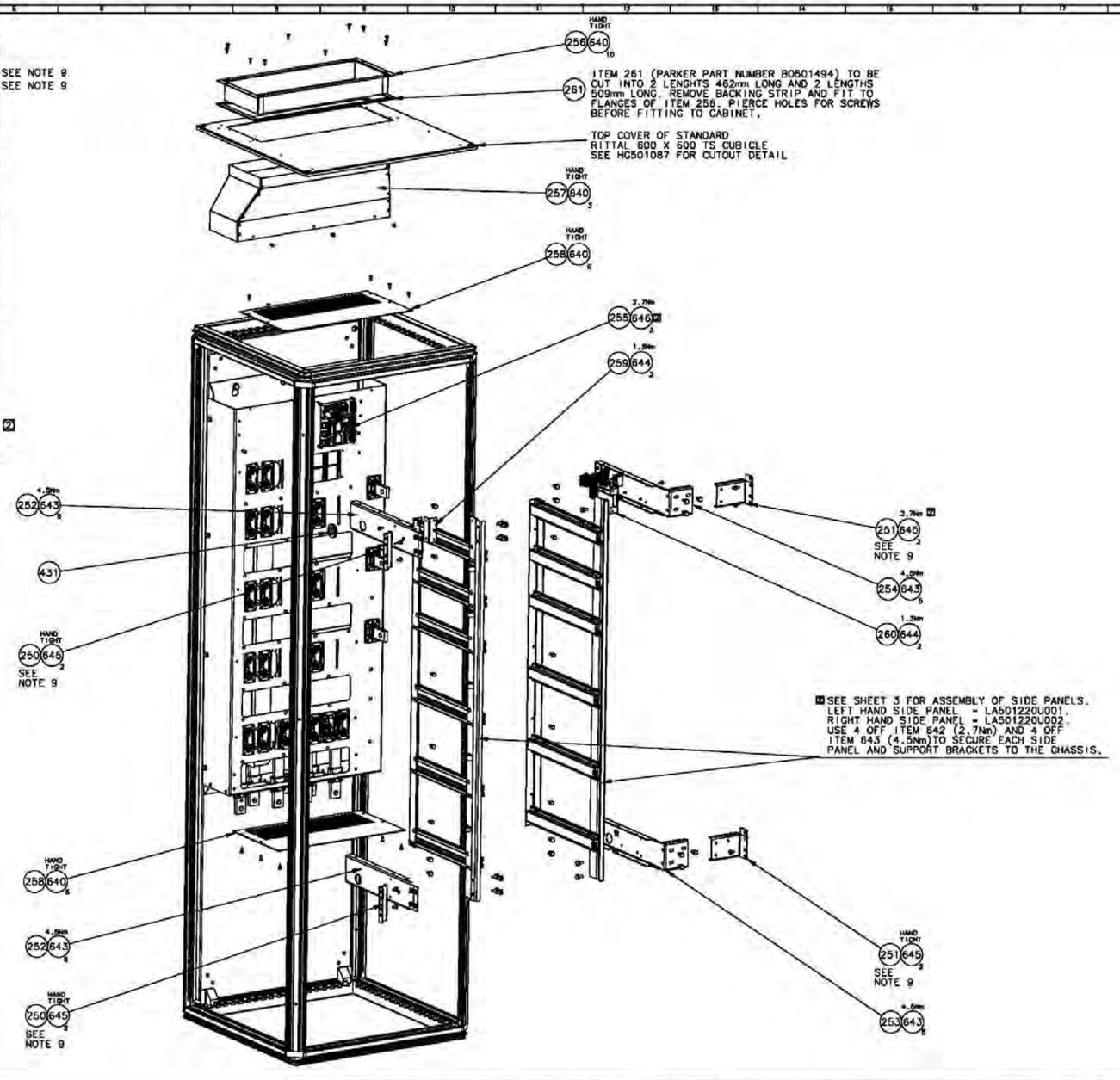
			Block 1					Block 2					
	Example►			890PX	S	A	-	4	3215	M			
Family	AC890PX			890PX									
	Common Bus Drive				C								
	Air Cooled					A							
Rating Data	400V Nominal		460V Nominal					4					
	Heavy/Normal Duty										Chassis Assy	CP Module	CD Modules
	kW	A	HP	A									
	110/132	215/260	150/200	200/250					3215		LA501088U521	-	LA471160U513
	132/160	260/340	200/250	250/320					3260		LA501088U521	-	LA471160U513
	160/200	300/390	250/300	300/380					3300		LA501088U521	-	LA471160U520
	200/250	420/480	300/400	380/480					3420		LA501088U531	-	LA471160U532
	250/280	480/600	400/500	460/590					3480		LA501088U531	-	LA471160U532
	280/315	520/660	-	-					3520		LA501088U541	LA471175U500	LA471160U540
	315/400	580/700	500/600	580/700					3580		LA501088U541	LA471175U500	LA471160U540
			575 V Nominal					6					
	Heavy/Normal Duty												
	kW	A	HP	A									
			150/200	160/210					3160		LA501088U731	-	LA471160U713
			200/250	210/250					3210		LA501088U731	-	LA471160U713
			250/300	260/310					3260		LA501088U731	-	LA471160U720
			300/400	310/420					3310		LA501088U731	-	LA471160U732
			400/500	410/480					3410		LA501088U741	LA471175U700	LA471160U740
	690V Nominal							7					
	Heavy/Normal Duty												
	kW	A	HP	A									
	110/132	130/160							3130		LA501088U731	-	LA471160U713
	132/160	160/190							3160		LA501088U731	-	LA471160U713
	160/200	190/240							3190		LA501088U731	-	LA471160U720
	200/250	230/280							3230		LA501088U731	-	LA471160U732
	250/280	280/340							3280		LA501088U731	-	LA471160U732
	280/315	320/390							3320		LA501088U741	LA471175U700	LA471160U740
	315/400	340/430							3340		LA501088U741	LA471175U700	LA471160U740
Build Style	Modular (Chassis Drive)									M			

Standalone Drive

					Block 1					Block 2					
	Example►					890PX	S	A	-	4	3215	M			
Family	AC890PX					890PX									
	Standalone Drive						S								
	Air Cooled							A							
Rating Data	400V Nominal		460V Nominal							4					
	Heavy/Normal Duty												Chassis Assy	CP Module	CD Modules	CS Module
	kW	A	HP	A												
	110/132	215/260	150/200	200/250							3215		LA501088U520	-	LA471160U513	LA471171U520
	132/160	260/340	200/250	250/320							3260		LA501088U520	-	LA471160U513	LA471171U520
	160/200	300/390	250/300	300/380							3300		LA501088U520	-	LA471160U520	LA471171U520
	200/250	420/480	300/400	380/480							3420		LA501088U530	-	LA471160U532	LA471171U540
	250/280	480/600	400/500	460/590							3480		LA501088U530	-	LA471160U532	LA471171U540
	280/315	520/660	-	-							3520		LA501088U540	LA471175U500	LA471160U540	LA471171U540
	315/400	580/700	500/600	580/700							3580		LA501088U540	LA471175U500	LA471160U540	LA471171U540
			575 V Nominal							6						
			Heavy/Normal Duty													
	kW	A	HP	A												
			150/200	160/210							3160		LA501088U730	-	LA471160U713	LA471171U720
			200/250	210/250							3210		LA501088U730	-	LA471160U713	LA471171U720
			250/300	260/310							3260		LA501088U730	-	LA471160U720	LA471171U720
			300/400	310/420							3310		LA501088U730	-	LA471160U732	LA471171U740
			400/500	410/480							3410		LA501088U740	LA471175U700	LA471160U740	LA471171U740
	690V Nominal									7						
	Heavy/Normal Duty															
	kW	A	HP	A												
	110/132	130/160									3130		LA501088U730	-	LA471160U713	LA471171U720
	132/160	160/190									3160		LA501088U730	-	LA471160U713	LA471171U720
	160/200	190/240									3190		LA501088U730	-	LA471160U720	LA471171U720
	200/250	230/280									3230		LA501088U730	-	LA471160U732	LA471171U740
	250/280	280/340									3280		LA501088U730	-	LA471160U732	LA471171U740
	280/315	320/390									3320		LA501088U740	LA471175U700	LA471160U740	LA471171U740
	315/400	340/430									3340		LA501088U740	LA471175U700	LA471160U740	LA471171U740
Build Style	Modular (Chassis Drive)											M				

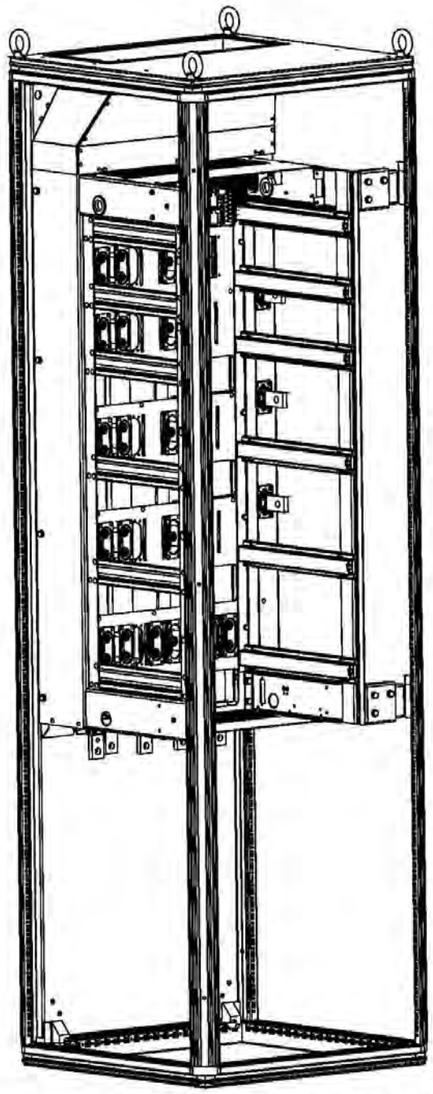
ITEM NO.	PART NUMBER	DESCRIPTION	
250	BA501090	brkt_adpt_lh_2thk0	SEE NOTE 9
251	BA501091	brkt_adpt_rh_2thk0	SEE NOTE 9
252	BA501092	brkt_pnl_lh_353063_2thk0	
253	BA501093	brkt_pnl_rh_353063_2thk0	
254	LA501221	brkt_trm_assy_rh	
255	AH471776U***	assy_pcb_sto_aux_pwr	
256	BA501113	dct_adpt_482148_54_1thk2	
257	BA501114	dct_adpt_502139_190_1thk2	
258	BA501120	pnl_cvr_420352_1thk5	
259	BA501111	brkt_shmt_2525_70l_1thk5	
260	BA501112	brkt_shmt_2527_70l_1thk5	
261	BO501494	gskt_adsv_1203	
431	DF044535	grmt_rbbr_27d	
432			
433			
434			
435			
436			
640	FY501150	scr_tpn_no8ab_12l7	
641			
642	FY047651	scr_assy_ppnsprflt_m5_16	
643	FY385692	scr_assy_ppnsprflt_m6_16	
644	FY385968	scr_assy_ppnsprflt_m4_12	
645	FY501218	scr_tpn_5m5st_13l	
646	FY385690	scr_assy_ppnsprflt_m5_10	
647			

NOTE 9. BRACKETS ILLUSTRATED ARE FOR RITTAL TS TYPE CABINET.
FOR RITTAL PS TYPE CABINET REPLACE BA501090 WITH BA501352 AND REPLACE BA501091 WITH BA501351 (LA501475U001).

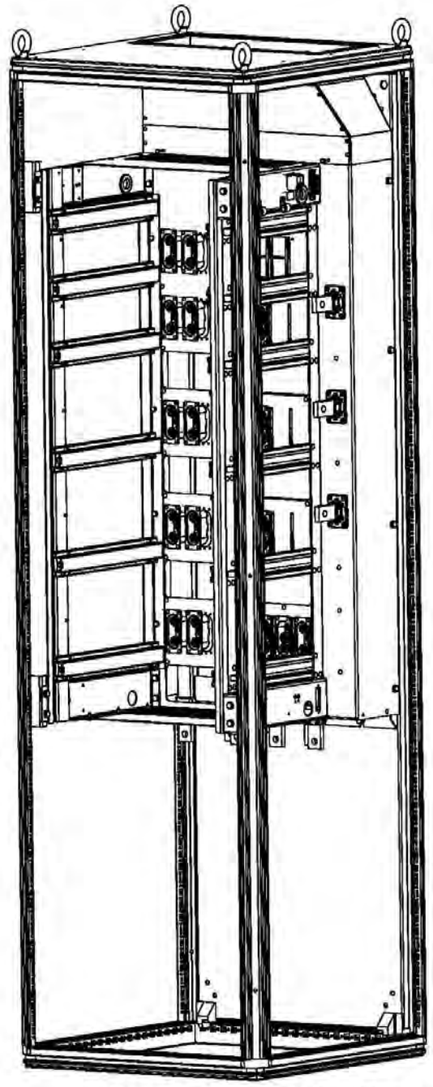


ISSUE	DATE	ECN	DRN	QTY
D	26JAN12		PAW	
1	21JUN12	20914	PAW	
2	13FEB13	21514	PAW	22

MATERIAL: SEE BOMS
FINISH: CLEAN
DO NOT SCALE
DIMENSIONS IN MM UNLESS OTHERWISE SPECIFIED
INDICATES A DRAWING CHANGE AT THIS ISSUE
DRG SIZE A1 D
SCALE UOS
ENGINEERED: P.A.W.
CHECKED:
FIRST USED: 890PXM
DRAWING TO BS308/BS8888
TOLERANCES GENERAL: HOLE ø: ANGLE:
DESCRIPTION: assy_pdct_890PX_frM
ELECTRONIC FILENAME:
TITLE: ASSEMBLY PRODUCT 890PX FRAME M
DRAWING NUMBER: LA501088U000
SHT 4 OF 9



LEFT HAND VIEW OF 890PX FRAME M INSTALLED
IN CABINET FRAME RITTAL TYPE TS



RIGHT HAND VIEW OF 890PX FRAME M INSTALLED
IN CABINET FRAME RITTAL TYPE TS

ISSUE	DATE	ECN	DRN	QTY
D	26JAN12		PAW	
1	21JUN12	20914	PAW	
2	13FEB13	21514	PAW	22

MATERIAL: SEE BOMS

FINISH: CLEAN

DO NOT SCALE
DIMENSIONS IN MM UNLESS OTHERWISE SPECIFIED
☐ INDICATES A DRAWING CHANGE AT THIS ISSUE

ORG SIZE ISO A1 ANSI D

SCALE UOS

ENGINEERED: P.A.W.
CHECKED:
FIRST USED: 890PXM

DRAWING TO BS308/BS8888

TOLERANCES GENERAL:
HOLE Ø:
ANGLE:

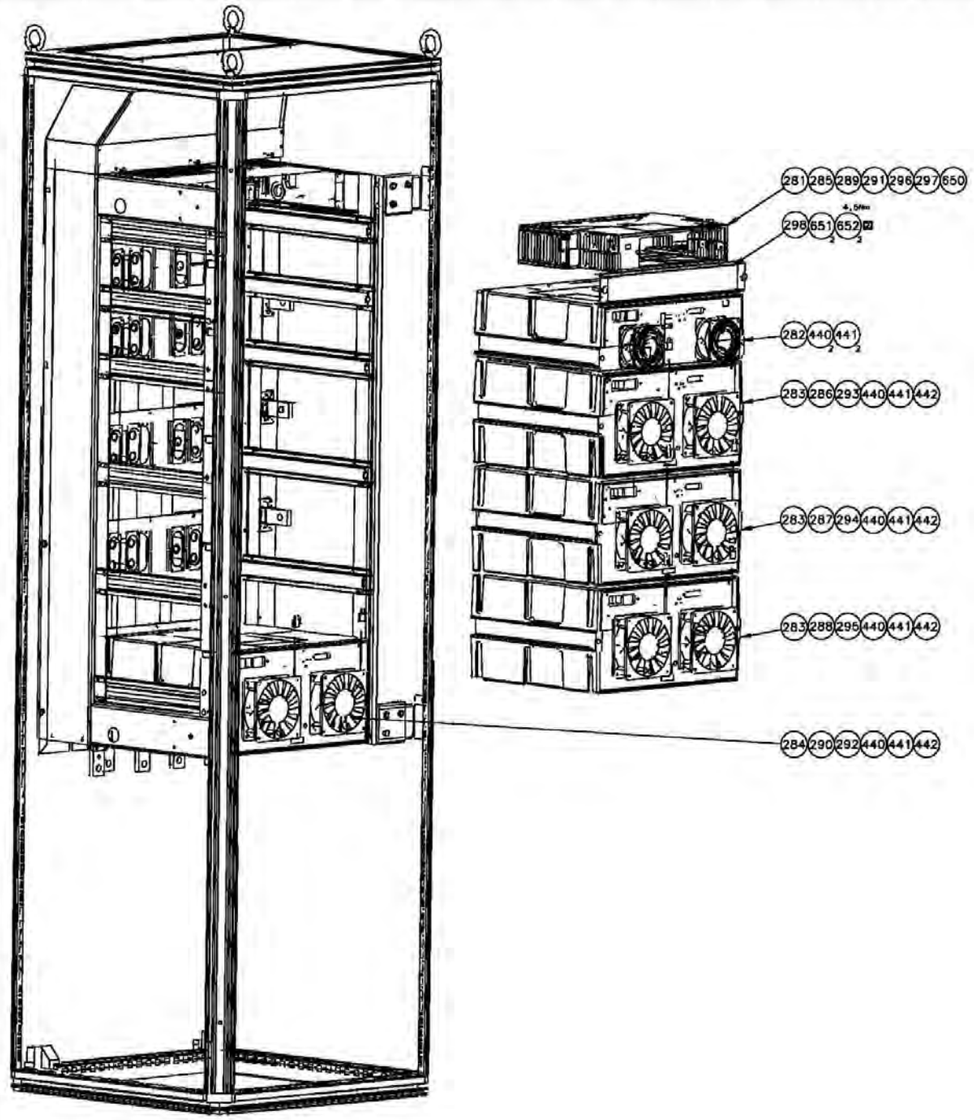
DESCRIPTION: assy_pdct_890PX_frM

ELECTRONIC FILENAME:

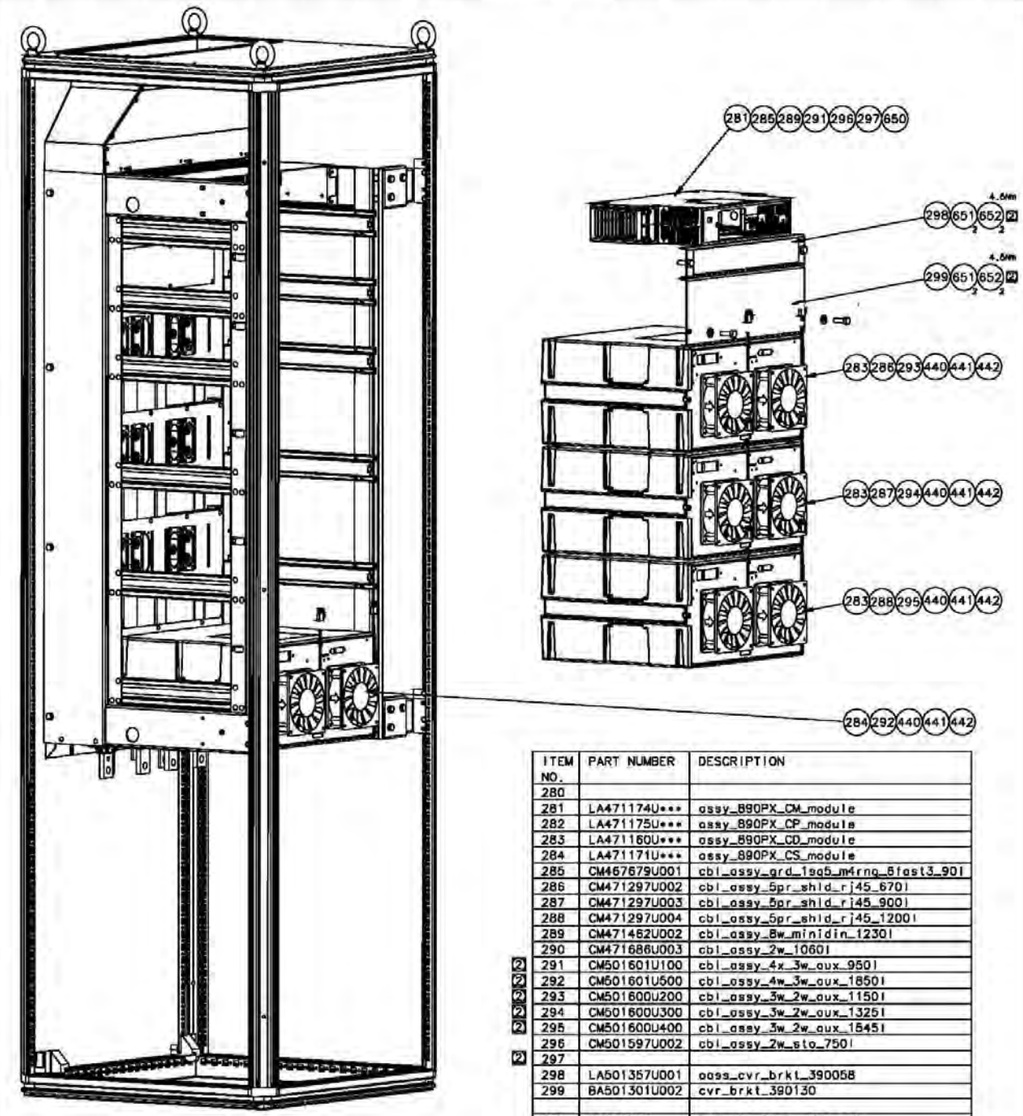
TITLE: ASSEMBLY PRODUCT
890PX FRAME M

DRAWING NUMBER: LA501088U000

SHT 5 OF 9



890PX FRAME M SD HIGH POWER



890PX FRAME M SD LOW POWER

ITEM NO.	PART NUMBER	DESCRIPTION
280		
281	LA471174U***	assy_890PX_CM_module
282	LA471175U***	assy_890PX_CP_module
283	LA471160U***	assy_890PX_CD_module
284	LA471171U***	assy_890PX_CS_module
285	CM467679U001	cbl_assy_grd_1sq5_m4rng_5fast3_90l
286	CM471297U002	cbl_assy_5pr_shld_rj45_670l
287	CM471297U003	cbl_assy_5pr_shld_rj45_900l
288	CM471297U004	cbl_assy_5pr_shld_rj45_1200l
289	CM471462U002	cbl_assy_8w_minidin_1230l
290	CM471686U003	cbl_assy_2w_1060l
2 291	CM501601U100	cbl_assy_4x_3w_aux_950l
2 292	CM501601U500	cbl_assy_4w_3w_aux_1850l
2 293	CM501600U200	cbl_assy_3w_2w_aux_1150l
2 294	CM501600U300	cbl_assy_3w_2w_aux_1325l
2 295	CM501600U400	cbl_assy_3w_2w_aux_1545l
296	CM501597U002	cbl_assy_2w_sto_750l
2 297		
298	LA501357U001	assy_cvr_brkt_390058
299	BA501301U002	cvr_brkt_390130
440	DS044163	hld_cbl_tyrap-2w4_90l
441	DS045309	hld_cbl_adsv_base_2929
442	FI049565	hld_cbl_adsv_4d0_1616
650	FY385649	scr_assy_ppnsprflt_m4_10
651	FB376R25	scr_hx_13af_m6_25
652	FC12301R	washr_aflt_m6

ISSUE	DATE	ECN	DRN	QTY
D	26JAN12		PAW	
1	21JUN12	20914	PAW	
2	13FEB13	21514	PAW	22

MATERIAL: SEE BOMS

FINISH: CLEAN

DO NOT SCALE
DIMENSIONS IN MM UNLESS OTHERWISE SPECIFIED
☐ INDICATES A DRAWING CHANGE AT THIS ISSUE

DRG SIZE A1 D

SCALE UOS

ENGINEERED: P.A.W.
CHECKED:
FIRST USED: 890PXM

DRAWING TO BS308/BS8888

TOLERANCES GENERAL:
HOLE ø:
ANGLE:

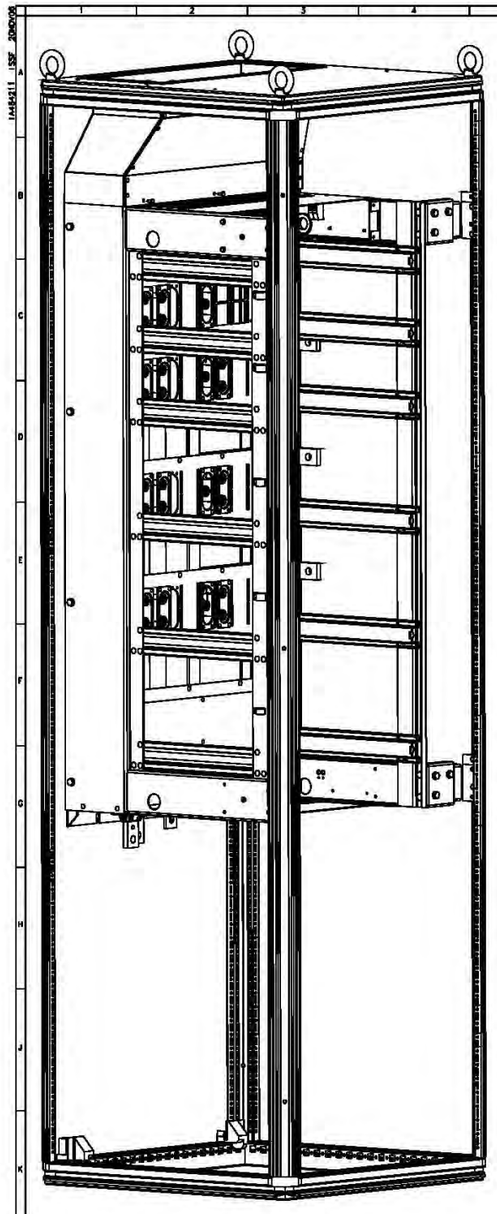
DESCRIPTION: assy_pdct_890PX_frM

ELECTRONIC FILENAME:

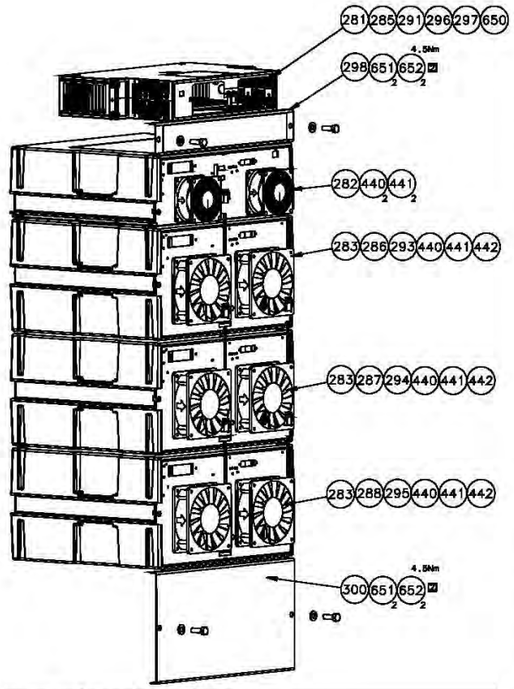
TITLE: ASSEMBLY PRODUCT
890PX FRAME M

DRAWING NUMBER: LA501088U000

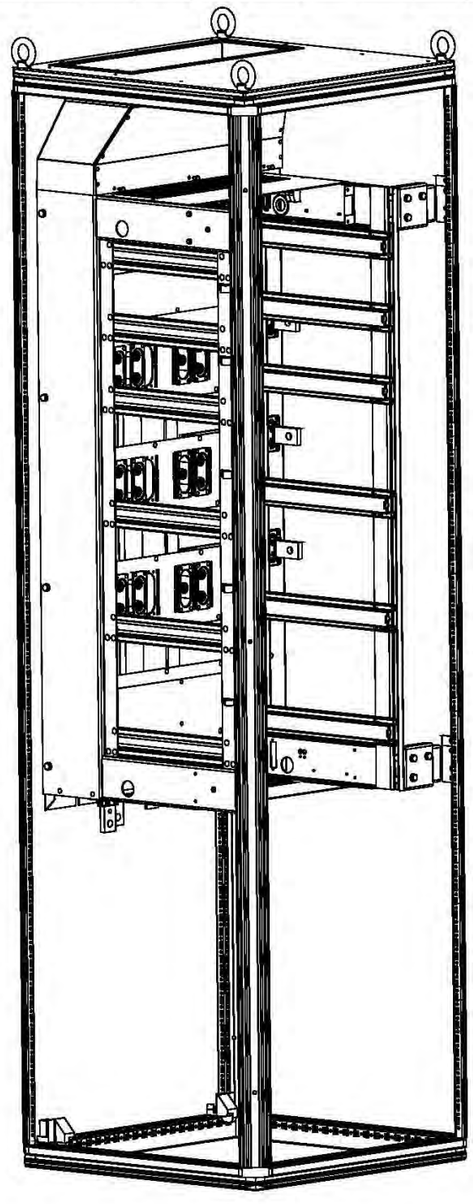
SHT 6 OF 9



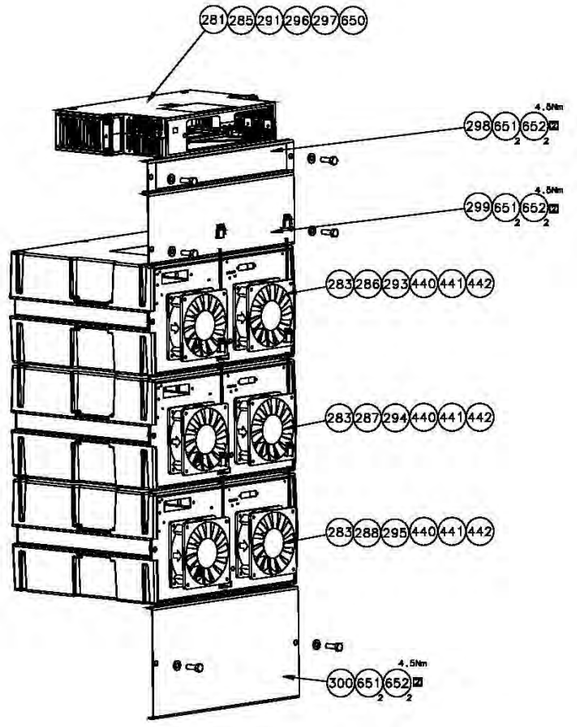
890PX FRAME M CD HIGH POWER



ITEM NO.	PART NUMBER	DESCRIPTION
280	LA501354U002	oass_pnl_cvr_890PX
281	LA471174U***	assy_890PX_CM_module
282	LA471175U***	assy_890PX_CP_module
283	LA471160U***	assy_890PX_CD_module
284	LA471171U***	assy_890PX_CS_module
285	CM467679U001	cbl_assy_grd_1sq5_m4rng_6fast3_90l
286	CM471297U002	cbl_assy_5pr_shld_rj45_670l
287	CM471297U003	cbl_assy_5pr_shld_rj45_900l
288	CM471297U004	cbl_assy_5pr_shld_rj45_1200l
289		
290		
291	CM471819U100	cbl_assy_2w_aux_18awg_830l
292		
293	CM472268U200	cbl_assy_3w_2c_aux_18awg_1010l
294	CM472268U300	cbl_assy_3w_2c_aux_18awg_1250l
295	CM472268U400	cbl_assy_3w_2c_aux_18awg_1440l
296	CM472271U002	cbl_assy_2w_STO_750l
297		
298	LA501357U001	oass_cvr_brkt_390058
299	BA501301U002	cvr_brkt_390130
300	BA501301U003	cvr_brkt_390202
440	DS044163	hld_cbl_tyrap_2w4_90l
441	DS045309	hld_cbl_adsv_base_2929
442	F1049565	hld_cbl_adsv_4d0_1616
650	FY385649	scr_assy_ppnsprflt_m4_10
651	FB376R25	scr_hx_13af_m8_25
652	FC12301R	washr_aflt_m8



890PX FRAME M CD LOW POWER



ISSUE	DATE	ECN	DRN	QTY
D	26JAN12		PAW	
1	21JUN12	20914	PAW	
2	13FEB13	21514	PAW	22

MATERIAL: SEE BOMS

FINISH: CLEAN

DO NOT SCALE
DIMENSIONS IN MM UNLESS OTHERWISE SPECIFIED
INDICATES A DRAWING CHANGE AT THIS ISSUE

DRG SIZE ISO A1 ANSI D | ENGINEERED: P.A.W.
SCALE UOS | CHECKED:
FIRST USED: 890PXM

DRAWING TO BS308/BS8888

TOLERANCES GENERAL: HOLE ø: ANGLE:

DESCRIPTION: assy_pdct_890PX_frM

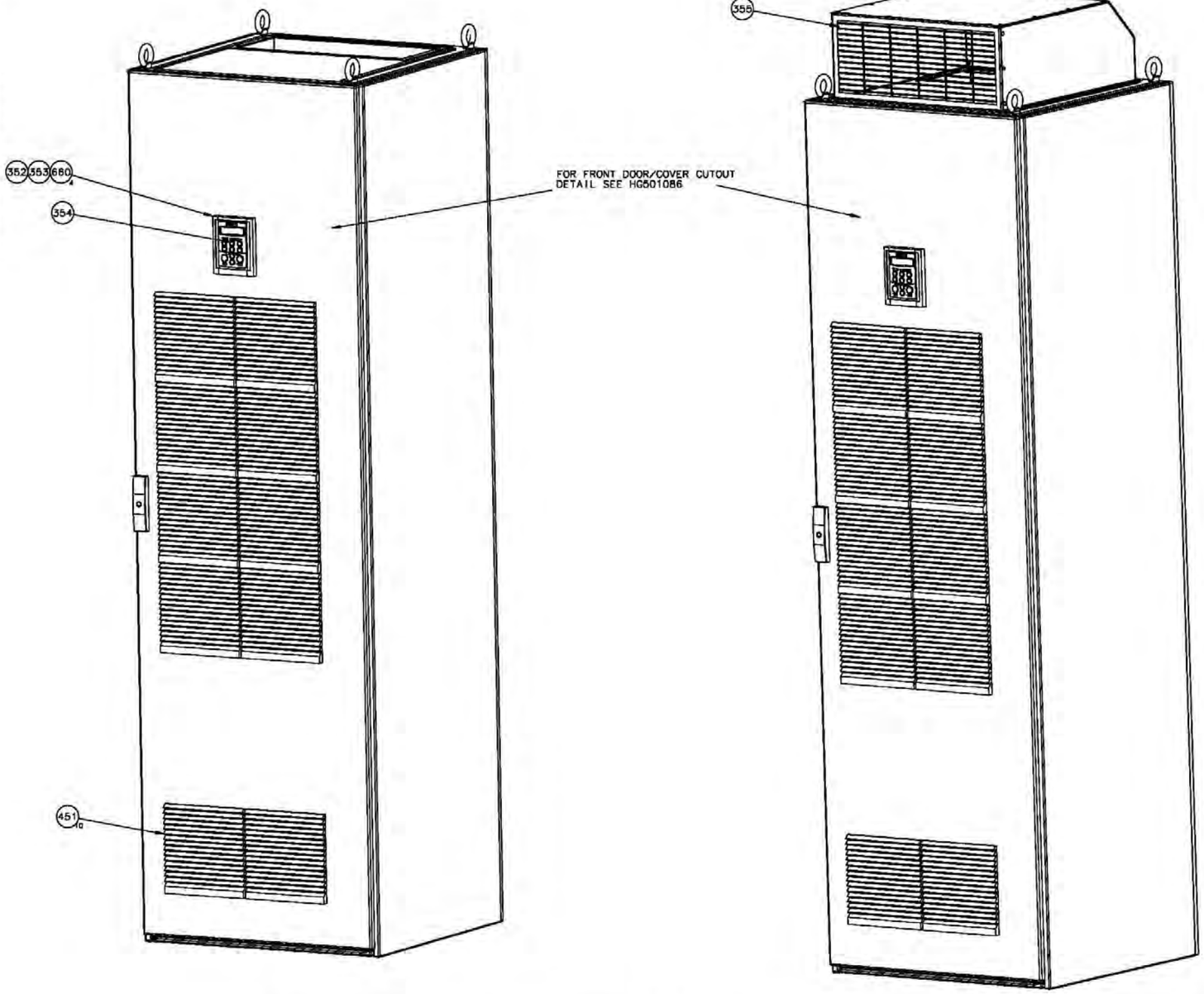
ELECTRONIC FILENAME:

TITLE: ASSEMBLY PRODUCT 890PX FRAME M

DRAWING NUMBER: LA501088U000

SHT 7 OF 9

ITEM NO.	PART NUMBER	DESCRIPTION
351		
352	BD388329U004	op_stn_pnl_mldg_gld
353	BT500206	gskt_nprn_106w_2thk0
354		assy_pdct_op_stn
355	LA501358	oass_dct_hsng
450		
451	LA501089	fltr_assy_204204_30
660	FB084K12	scr_ppn_no6ab_1217



30-EXPLICIT

ISSUE	DATE	ECN	DRN	QTY
D	26JAN12		PAW	
1	21JUN12	20914	PAW	
2	13FEB13	21514	PAW	22

MATERIAL: SEE BOMS

FINISH: CLEAN

DO NOT SCALE
DIMENSIONS IN MM UNLESS OTHERWISE SPECIFIED
☐ INDICATES A DRAWING CHANGE AT THIS ISSUE

ORG SIZE A1 D

SCALE UOS

ENGINEERED: P.A.W.
CHECKED:
FIRST USED: 890PXM

DRAWING TO BS308/BS8888

TOLERANCES GENERAL:
HOLE ø:
ANGLE:

DESCRIPTION: assy_pdct_890PX_frM

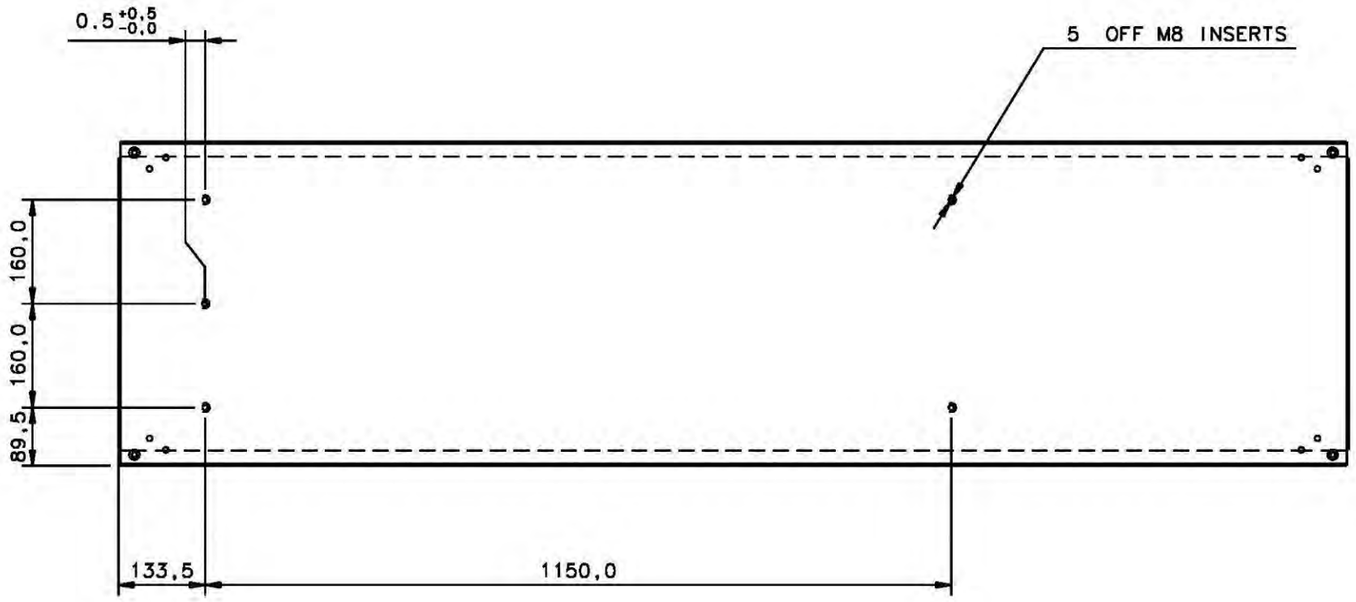
ELECTRONIC FILENAME:

TITLE: ASSEMBLY PRODUCT 890PX FRAME M

DRAWING NUMBER: LA501088U000

SHT 8 OF 9

IA464213 ISSE 110CT06



ISSUE	DATE	ECN	DRN	QTY
1	27JUN12	20914	PAW	

Parker SSD DRIVES

MATERIAL:

FINISH:

DO NOT SCALE
DIMENSIONS IN MM UNLESS OTHERWISE SPECIFIED
□ INDICATES A DRAWING CHANGE AT THIS ISSUE

DRG SIZE ISO A3 ANSI B | ENGINEERED: P.A.W.

SCALE 1:8 UOS | CHECKED:

FIRST USED: 890PXC

DRAWING TO BS308/BS8888

TOLERANCES GENERAL: ±0.4 HOLE ø: ±0.1 ANGLE:

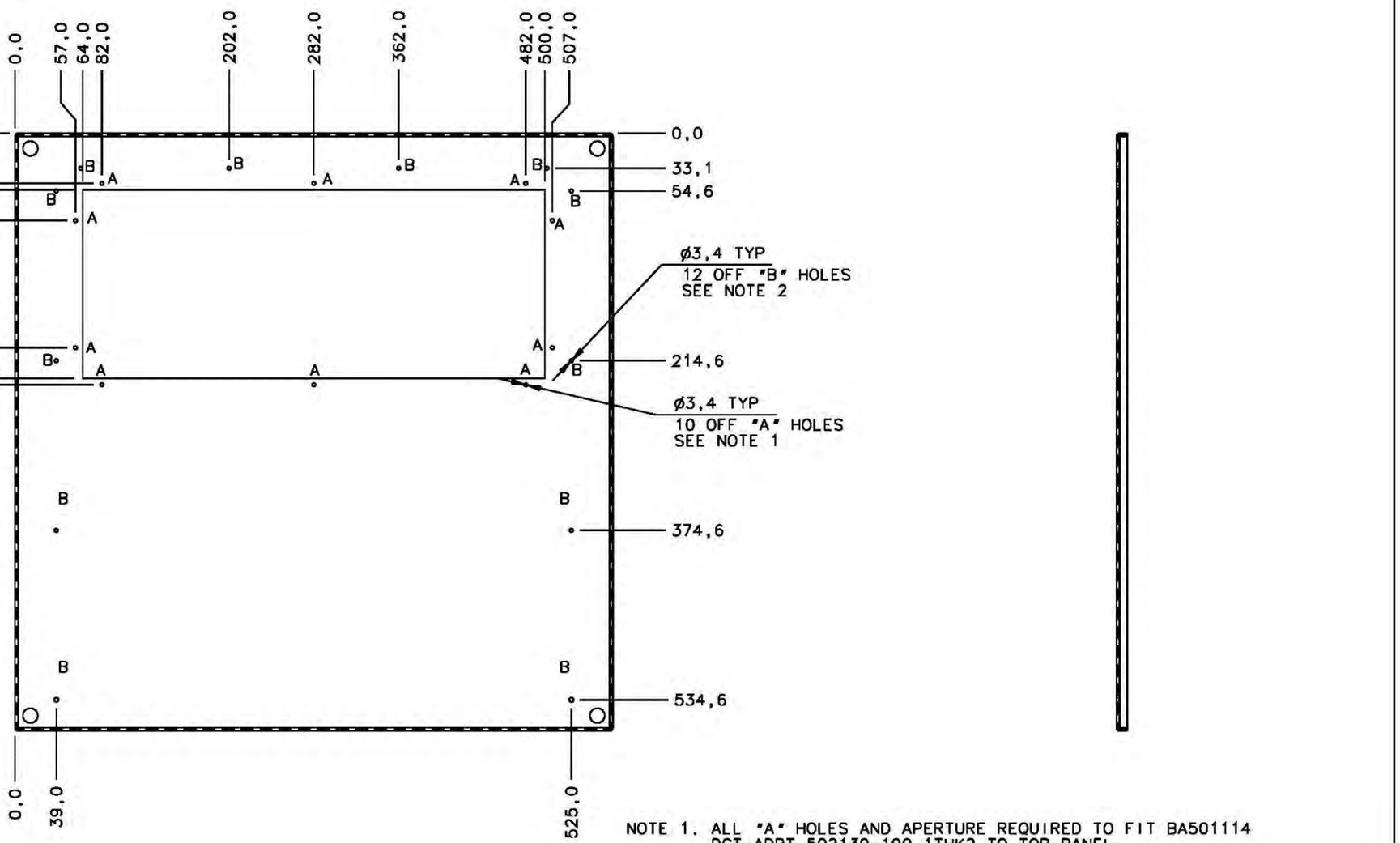
DESCRIPTION: pnl_mtg_1896h_499w_23d_3thk0
ELECTRONIC FILENAME:

TITLE: PANEL MOUNTING 1896 HIGH 499 WIDE 23 DEEP 3mm THICK

DRAWING NUMBER: HG501140

SHT 1 OF 1

IA464213 ISSE 11OCT06



NOTE 1. ALL "A" HOLES AND APERTURE REQUIRED TO FIT BA501114 DCT_ADPT_502139_190_1THK2 TO TOP PANEL.
2. ALL "B" HOLES REQUIRED TO FIT LA501358 OASS_DCT_HSNG TO TOP PANEL.

ISSUE	DATE	ECN	DRN	QTY
G	24AUG11		PAW	
H	15MAR12		PAW	
1	27JUN12	20914	PAW	

MATERIAL: RITTAL 600 x 600 TOP COVER

FINISH: CLEAN

DO NOT SCALE
DIMENSIONS IN MM UNLESS OTHERWISE SPECIFIED
☐ INDICATES A DRAWING CHANGE AT THIS ISSUE

DRG SIZE ISO A3 ANSI B
SCALE 1:4 UOS

ENGINEERED: P.A.W.
CHECKED:
FIRST USED: 890M

DRAWING TO BS308/BS8888

TOLERANCES GENERAL: ±0.4
HOLE ø: ±0.1
ANGLE: ±1

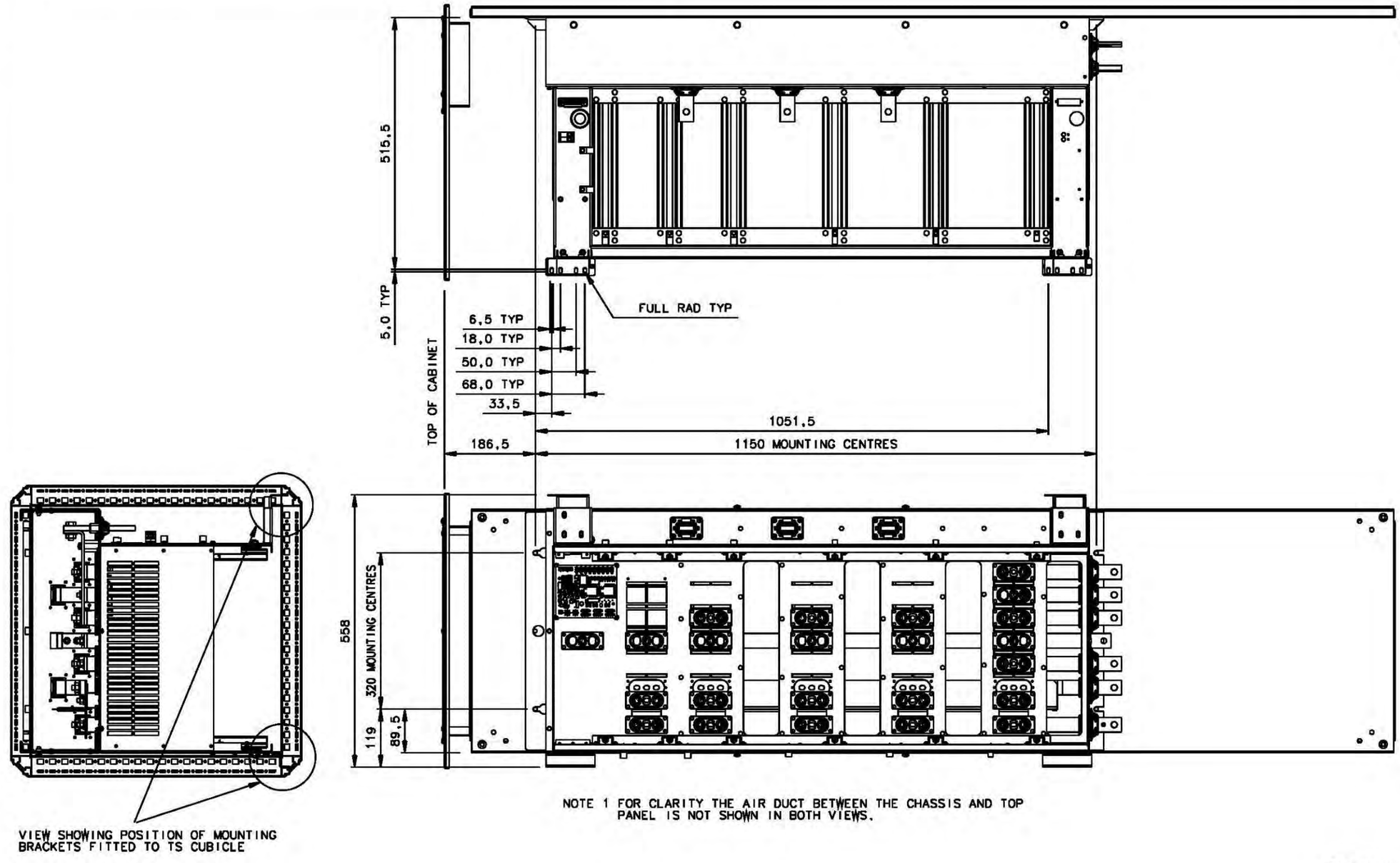
DESCRIPTION: hsng_cvr_top_890M
ELECTRONIC FILENAME:

TITLE: HOUSING COVER TOP 890M

DRAWING NUMBER: HG501087

SHT 1 OF 1

IA464213 ISSE 110CT06



NOTE 1 FOR CLARITY THE AIR DUCT BETWEEN THE CHASSIS AND TOP PANEL IS NOT SHOWN IN BOTH VIEWS.

ISSUE	DATE	ECN	DRN	QTY
A	22SEP10		PAW	
B	26JUL11		PAW	
1	27JUN12	20914	PAW	

Parker SSD DRIVES

MATERIAL:

FINISH:

DO NOT SCALE
DIMENSIONS IN MM UNLESS OTHERWISE SPECIFIED
INDICATES A DRAWING CHANGE AT THIS ISSUE

DRG SIZE ISO A3 ANSI B
SCALE 1:8 UOS

ENGINEERED: P.A.W.
CHECKED:
FIRST USED: 890PX

DRAWING TO BS308/BS8888

TOLERANCES GENERAL: ±3
HOLE Ø:
ANGLE:

DESCRIPTION: pdct_890pxc_mtg_ctrs_ts
ELECTRONIC FILENAME:

TITLE: PRODUCT 890PX MOUNTING CENTRES TS CUBICLE

DRAWING NUMBER: HG501237U001

SHT 1 OF 1