

## ECN REV A B C

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NOTES:

I. Front access only source inputs and a

2. The eSTS is mou are no shipping spl

3. The unit employs Btu/Hr [937 W] heat

4. See sheet 2 for 0 Sds Level 2.00/2.50 50lb-ft (108.5N-m).

5. See Sheet 3 for a or 6CB as the sixth specify CB configur circuit breakers wit case swithces.

6. See sheet 4 for ( 350MCM Aluminum common plate.

7. Sheet 3 will show imaging of custome available for scanni Please consult facto

8. An optional mech

9. A large 15 inch T control and monito

10. Forklift covers a

II. Optional Seismic from the front if the wall or other equip detail.

12. See One-Line el

	UNLESS OTHERW DIMENSIONS ARE DIMENSIONS IN [] DO NOT SCALE DR	ISE : IN AR AWI
	TOLERANCES:	
	.XX ± .03	
		-
	ANGULAR $\pm .1/2$	F
	DWN SPJ	D
	CHK NEM	D
	APVD SPJ	D
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		REVI	SIONS				-	
		DESCR	IPTION			DATE	APPROVED	
	4.0	NEW RELE	ASE			11/16/2021	SPJ	-
		-BUILT UP				10/25/2022		_
						00/09/2023	UND	_
								D
ly required for a	opera	tion and	servicing	g of the	eSTS. Top (	or Bottom ac	cess for	
output is availa	ible.							
unted on a com		frame w	/ith all int	ternal co	nnections f	actory provid	ded. There	
mis. The Unit IS		นธน พทก	τοικιπτ ρ		US SHUWN T		пц.	_
rs natural conve t reiection at 15	ection 50 A.	cooling	. See Sh	eet 2 foi	r inlet and o	utlet locatior	ns. 3,200	C
						au califi a al la a r		
ancnoring ioca 0 with z/h = I, Ip	tions ) = 1.5.	Torque	tighten s	es i s is seismic b	seismically prackets sho	own to floor (	anchors at	
		·	-					
description of i	intern	al comp	onents. 1	The eSTS	s can be cor	nfigured for e	either 5CB	
n circuit breakei Jration at the tir	r (CB3 ne of	02) is a order. T	reduntar 'he desia	nt output n will she	circuit brea ow maximu	iker. Custome m confiaurat	er to ion for (6)	
ith the redundar	nt out	put circu	uit breake	er. All ciro	cuit breaker	s are fixed m	nolded	
Cable I/O landir	ng loc dina w	ations. N vill attac	laximum h directly	QTY2 25 ( to the A	50MCM Copp Access Plate	er cable or ( s if Entry / F	QTY2 xit from	
	un ig v							
w QTY3 Infrared	l Porto	als on th	ie Input/0	output Ba	y deadfront	door for the	rmal	
ner cable conne ping of Ipput/Ou	ection	ns. An op	tional Ins	sight IR th	nermal imag rernal comp	ging system i	is actions	
tory if this optic	on is (	desired.	INECTION		erna comp		CIUNS.	B
hanical Bypass	Interl	lock me	chanism	is suppli	ed standarc	l as shown o	n Sheet 3.	
Touchearaan Cr	anhia	alloorl	ntorfaco		rovidad on	the earlinet of	wtorior for	
oring.	upnic	ui Usei i	nienace					
are provided an	nd ma	y be ins	talled aft	er final r	positioning			
							+ +	
e mounting Clea ne unit is mount	ted su	e availat	the rear of the	e rear m of the cc	ounting and abinet is in d	chors to slide	ity to a	
oment. Please sj	pecify	/ option	if require	ed at the	time of ord	er. See Shee	t 5 for	<u> </u>
		<b>f</b> 1	al a to 11					
electrical diagra	m tor	turther	aetail.					
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N INCHES RE IN mm					AYEKZ WER Syste	LEKO EMS. INC.		
VIINU			TI INF M		NG INSTAL		AGRAM	A
$\Rightarrow \neg \neg$	1			Ser	ies 70 eS	TS		
$\Psi$			2-Sou	irce, 15	0A/250A,	SMR or TM	R	
FIRST ANGLE PROJ.	SIZE	FSCM NO.		DWG NO.			REV	-
DATE   /16/2021	D			94-	MS-0111	2501	С	
DATE   / 6/202	SCALE	1:6	94-MS-0	250 +CS	GHT I	SHEET	l of 5	
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		REVISIONS	
ECN	REV	DESCRIPTION	DATE APPROVED
-	А	NEW RELEASE	11/16/2021 SPJ
-	В	AS-BUILT UPDATES	10/25/2022 JAD
-	С	UPDATED OUTER DOOR	06/09/2023 JAD

GROS 1350 LBS	S WEIGHT [620 kg] MAX
RECO MINIMUM FRONT: 4 REAR: 0 SIDES: 0 TOP: 18	MMENDED CLEARANCES 2 [1067] 8 [457]

UNLESS OTHERW DIMENSIONS ARE DIMENSIONS IN [] DO NOT SCALE DR	ISE IN AR AW
TOLERANCES:	
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ANGULAR ± .1/2	
DWN SPJ	D
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SE SPECIFIED N INCHES RE IN mm WING				E L PO	AYER wer Sys	ZE TEMS,	RO , INC.			
FIRST ANGLE PROJ.	-	OUTLINE, MOUNTING, INSTALLATION DIAGRAM Series 70 eSTS 2-Source, I50A/250A, SMR or TMR							A	
DATE   / 6/202  DATE   / 6/202	SIZE	FSCM NO.		dwg no. 94-	MS-01	1125	501		rev C	
DATE   /16/2021	SCALE	1:10 2	94-MS-01	250 +CS	6HT2		SHEET	2 of	5	]



		- B - C	
NFRARED ORTALS		- I/O CABLE S	EC
BYPASS INTERLOCK		INPUT	
CB302 (OPTIONAL)		I/O CABLE	S
CIRCUIT BREAKER SECTION		GND	
	ISOMETRIC VIEW WITH INTERIOR CIRCUIT BREAKER BAY DEADFRONT DOOR REMOVED	UNLESS OTHERW DIMENSIONS ARE DIMENSIONS IN [] DO NOT SCALE DR TOLERANCES:	ISE E IN AR AW
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		CHK NEM	

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APVD SPJ

DATE	APPROVED
11/16/2021	SPJ
10/25/2022	JAD
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	DATE 11/16/2021 10/25/2022 06/09/2023

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SECTION

E SECTION

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		OUT	LINE, M	IOUNTIN	NG, INSTALLA	TION DIAG	RAM		
		Series 70 eSTS 2-Source, I50A/250A, SMR or TMR							
FIRST ANGLE PROJ.									
DATE   /16/2021	SIZE	FSCM NO.		DWG NO.				REV	
DATE    / 6/2021	D 94-MS-0112501 C						C		
DATE   /16/2021	SCALE	1:8	94-MS-01	112501+CS	HT3	SHEET	3 of s	5	
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					-			RFV	ISIONS			٦
					ECN RE	V		DESCE		DATE	APPROVED	-
					A			NFW RFLF	ASE	11/16/2021	SPJ	-
					- B			AS-BUILT UF	PDATES	10/25/2022	JAD	-
Image: Section of the sectio				<b></b>				JPDATED OUT	FR DOOR	06/09/2023	JAD	_
								TABLE I		0010012020	- Crite	_
					Compressior	n lugs for So	ource I & 2 Inj	out Phases Cł	and Ground lugs provide ABLE SIZE AND LUGS	d by others		D
Source Prest (101,701)       200 M20 VAX       200 M2				DESCF	RIPTION	RECOMME COPPE WIRE S (75 °C WIR	NDED RE R IZE E MIN) (75	COMMENDEI ALUMINUM WIRE SIZE 5 °C WIRE MII	D MAXIMUM WIRE CONNECTIONS	LUG TYPE & S (75 °C WIRE N	SIZE MIN)	
	36 917]			SOURCE INP PHA	UT / OUTPUT ASES	250 MCM	MAX 35	50 MCM MA>	( (2) STACKED PER PHASE	NEMA 2-HOLE (I. ON I-3/4" CEN BUS LANDIN	/2" DIA) NTER NG	
				GROUI	ND BUS	250 MCM	MAX 3		(4) INDIVIDUALLY	MAX LUG WIDTH NEMA 2-HOLE (I. ON 1-3/4" CEN	1 1.50" /2" DIA) NTER	
Image: Computer of a construction of the second o				OUTPUT NE	EUTRAL BUS				(8) STACKED (3) INDIVIDUALLY	BUS LANDIN	NG /2" DIA)	
				(4-WIRE CON ON	NFIGURATION NLY)	250 MCM	MAX 35	50 MCM MA>	( OR (6) STACKED	ON I-3/4" CEN BUS LANDIN	NTER NG	
				CONTR	OL WIRE	16-20 A STRANE	AWG DED	N/A	N/A	NOT REQUIRED	)	С
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$\oplus$ $\square$		2-Source, 15	0A/250A,	SMR or TM	R	
FIRST ANGLE PROJ.					I	4
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DATE   / 6/2021		94-		12301		4
DATE   / 6/202	SCALE :	94-MS-01112501+C	SHT5	SHEET	5 of 5	
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