

EAT·N

Cutler-Hammer

⚠ DANGER

ELECTRIC ARC FLASH HAZARD

Will cause severe injury or death.

Turn OFF ALL power before opening. Follow ALL requirements in NFPA 70E for safe work practices and for Personal Protective Equipment.



OUTSIDE LIGHT CONTACTOR

⚠ DANGER



Hazard of
Burns or
Electrical
Shock!

Risk of
Electric
Shock!

Turn OFF ALL power before opening the enclosure.

Follow NFPA 70E for safe work practices and for Personal Protective Equipment.

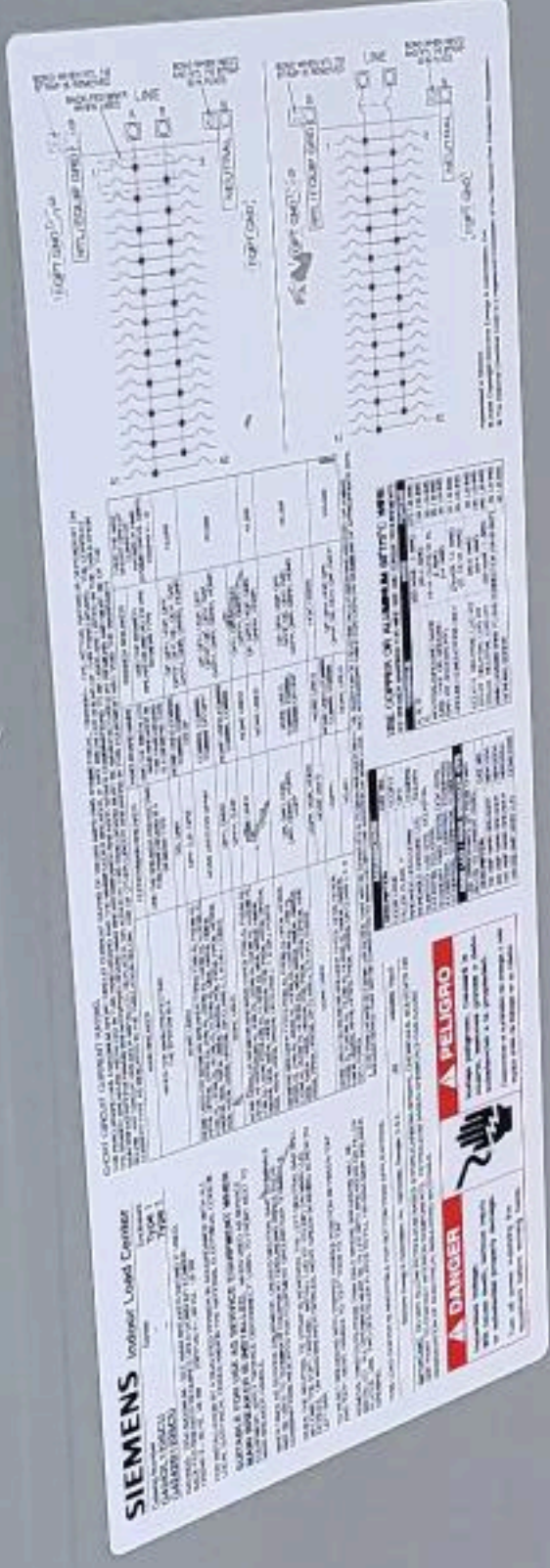
AD ALLEN-BRADLEY

HAND OFF AUTO



MAI N PANEL, CMP
120/240V 1 Phase 3W

225AMP	
1 Restroom Lighting	2 Training Room Outlets
3 Kitchen Lighting	4 Outdoor Lighting
5 Restroom Outlets	6 Outdoor Lighting
7 Counter Outlets	8 Refrigerator
9 Disposal	10 Microwave
11 Trash Compactors	12 Range
13 Counter Outlets	14 Range
15 Counter Outlets	16 Furnace
17 Training Room Outlets	18 Hvac Condenser
19 Training Room Outlets	20 Hvac Condenser
21 Spare	21 Spare
22 Spare	22 Spare
23 Spare	23 Spare
24 Spare	24 Spare
25 Spare	25 Spare
26 Spare	26 Spare
27 Spare	27 Spare
28 Spare	28 Spare
29 Spare	29 Spare
30 Spare	30 Spare
31 Spare	31 Spare
32 Spare	32 Spare
33 Spare	33 Spare
34 Spare	34 Spare
35 Spare	35 Spare
36 Spare	36 Spare
37 Spare	37 Spare
38 Spare	38 Spare
39 Spare	39 Spare
40 Panel Ch Feeder	40 Panel Ch Feeder
41 Panel Ch Feeder	41 Panel Ch Feeder
42 Panel Ch Feeder	42 Panel Ch Feeder



MAI N

Do Not Relocate

Solar

A vertical rack of 42 circuit breakers, arranged in two columns of 21. Each breaker has a handle and a label. The labels include numbers 1 through 42, corresponding to the table above. The breakers are mounted on a metal rail within a grey metal enclosure.

SIEMENS Indoor Load Center

Catalog Number: **GA-250-1225CU**
 Enclosure Type: **1**
 Series: **1225CU**
 Dimensions: 18 1/2" H x 14 1/2" W x 10 1/2" D

FOR INSTALLATION BY QUALIFIED PERSON IN ACCORDANCE WITH ALL LOCAL ELECTRICAL CODES AND/OR THE NATIONAL ELECTRICAL CODE. A LICENSED ELECTRICIAN SHOULD VERIFY THE NATIONAL ELECTRICAL CODE IS APPLICABLE FOR USE AS SERVICE EQUIPMENT WHEN MAIN BREAKER IS INSTALLED. WHEN USED AS SERVICE EQUIPMENT, APPROPRIATE DISCONNECT LABEL TO FRONT NOT TO MAIN BREAKER HANDLE.

WHEN THE NEUTRAL STRAP IS REMOVED, THE LEFT NEUTRAL BAR WILL BE USED TO MAIN BREAKER. GROUNDING WIRE TERMINALS CONNECTIONS INCLUDES FOR EQUIPMENT GROUND BAR TERMINALS.

TO TEST BREAKERS WITH TRIPPED HANDLE POSITION BETWEEN "ON" AND "OFF" MOVE HANDLE TO "OFF" THEN TO "ON".

REMOVE THE COVER FROM THE ONLY WHERE BREAKERS WILL BE INSTALLED. ALL OPENINGS MUST BE FILLED WITH BREAKERS OR FILLER PLATES. SEE THE OPENING PLATES TO ALL 15-0225A MAIN BREAKER OPENING.

THE LOAD CENTER IS DESIGNED FOR BOTTOM FEED APPLICATIONS.

⚠ DANGER
 Hazardous Voltage. Will cause death, serious injury or substantial property damage. Turn off power supplying this equipment before working inside.

⚠ PELIGRO
 Voltaje peligroso. Causará la muerte, lesiones graves o daño substancial a la propiedad. Desconecte el suministro de energía a este equipo antes de trabajar en su interior.

SHORT CIRCUIT CURRENT RATING

THIS PANELBOARD HAS A MAXIMUM SHORT CIRCUIT CURRENT RATING OF 100,000 AMPS RMS SYMMETRICAL, 120/240V-1. THE ACTUAL RATING IS DEPENDENT ON THE MAIN BREAKER INSTALLED IN THIS PANELBOARD AND THE MAIN FEEDER BREAKER INSTALLED AHEAD OF THIS PANELBOARD. THE CORRECT MAIN BREAKER AND FEEDER BREAKER COMBINATIONS TO BE USED ARE LISTED IN THE TABULATION BELOW. THE MAIN FEEDER BREAKER MUST BE MANUFACTURED BY SIEMENS AND MUST BE OF THE CORRECT TYPE AS INDICATED IN THE TABULATION BELOW. USE OF OTHER CIRCUIT BREAKERS IN THIS EQUIPMENT WILL VOID THE WARRANTY.

MAIN BREAKER	FEEDER PROTECTING THIS PANELBOARD IS A SIEMENS TYPE	PANELBOARD MARK AND THE INSTALLED MAIN BREAKER IN THIS PANELBOARD IS A SIEMENS TYPE	BRANCH BREAKERS INSTALLED AHEAD OF THIS PANELBOARD	THEN THE MAXIMUM SHORT CIRCUIT CURRENT RATING IN THIS EQUIPMENT WILL BE
NONE USED	ON, ONR	NONE USED, E06960, E06965, E06966 OR OP	OP, OPF, HOP, OPF, OAFH, ONR, ONRH, HOHR	10,000
NONE USED	OPP, OQ2, OPM	E06960, E06965, E06966 OR OP	OP, OPF, HOP, OPF, OAFH, ONR, ONRH, HOHR	22,000
NONE USED	NONE USED OR OPMH	NONE USED, E06960, E06965, E06966	OP, OPF, HOP, OPF, OAFH, ONR, ONRH, HOHR	42,000
NONE USED	ONH, ONRH	NONE USED, E06960, E06965, E06966	OP, OPF, HOP, OPF, OAFH, ONR, ONRH, HOHR	66,000
NONE USED	OPPH, OQ42	NONE USED	OP, OPF, HOP, OPF, OAFH, ONR, ONRH, HOHR	100,000
NONE USED	NONE USED	NONE USED	OP, OPF, HOP, OPF, OAFH, ONR, ONRH, HOHR	100,000

THE PANELBOARD IS A MAIN LUG DEVICE THAT MAY BE CONVERTED TO MAIN BREAKER WITH THE ADDITION OF FIELD INSTALLED MAIN BREAKER KIT OR A MAIN BREAKER DEVICE THAT MAY BE CONVERTED TO MAIN LUG WITH THE ADDITION OF MAIN LUGS. SEE ACCESSORY TABLE FOR CATALOG NUMBERS OF APPROPRIATE KITS.

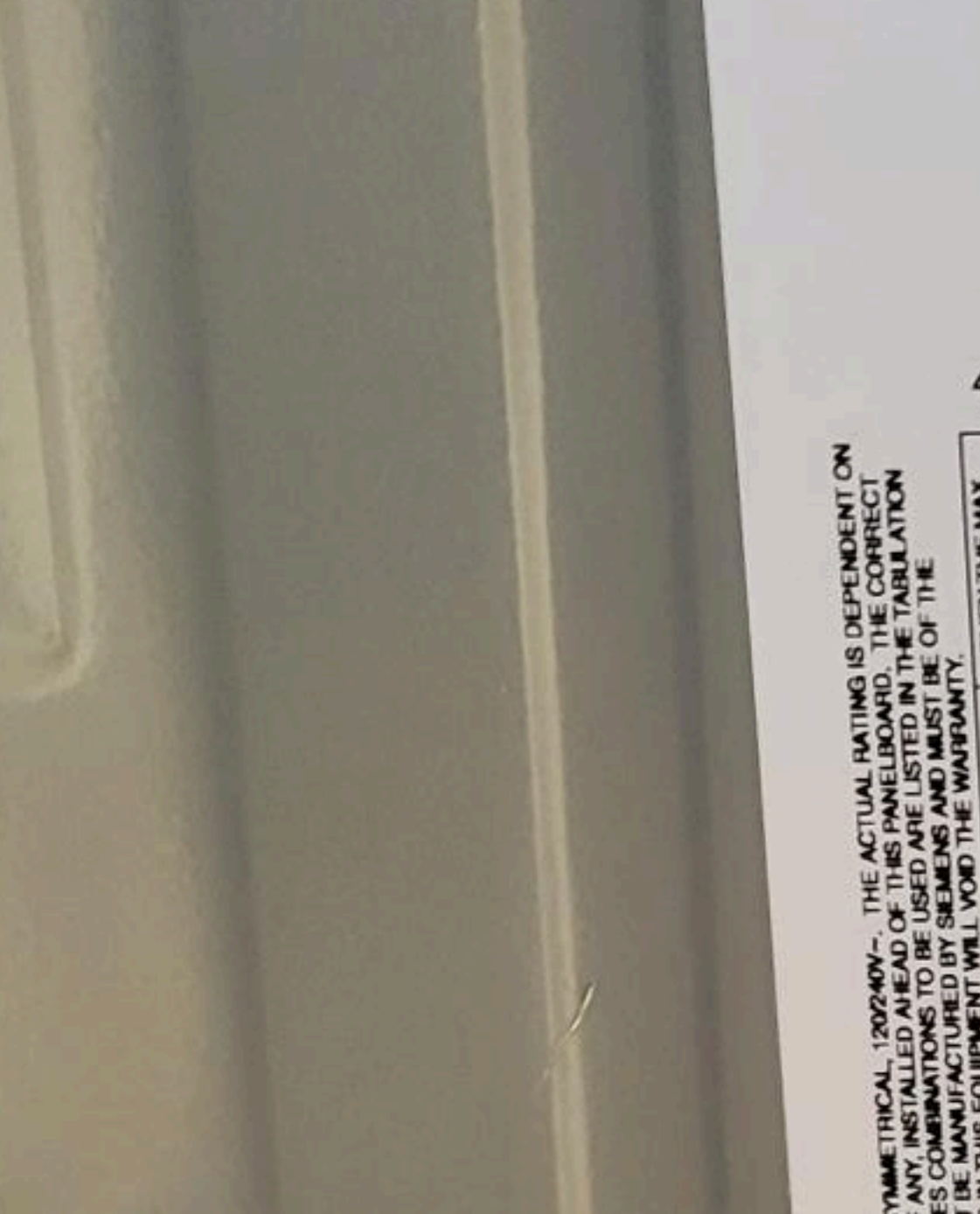
ACCESSORIES

DESCRIPTION	CAT. NO.
DOOR LOCK	E00FL2
FILLER PLATE, 1"	O0F3
BREAKER HOLD-DOWN	E00BR2
BONDABLE GROUND LUG	E01K61
SUBFEED LUG KITS: E01K2125, E01K2150, E01K2225	
STANDBY POWER INTERLOCK KITS: E00BRK01, E00BRK02, E00BRK03, E00BRK04, E00BRK05	
MAIN LUG / MAIN BREAKER KITS: USE APPROPRIATE KIT FROM CHART BELOW TO CONVERT PANEL	
DESCRIPTION	CAT. NO.
150 AMP MAIN BREAKER	MER150A
200 AMP MAIN BREAKER	MER200A
225 AMP MAIN BREAKER	MER225A
150-225 AMP MAIN LUG	E01MLK225

USE COPPER OR ALUMINUM 60/75°C WIRE

SEE BREAKER MARKINGS FOR WIRE SIZE AND TORQUE REQUIREMENTS.

TERMINALS	WIRE	TORQUE
A, B, N	300 kcmil - 4 AWG	275 LB-IN
G	20-4 AWG	110 LB-IN
NEUTRAL/GROUND BARS (USE TYPE GB GROUND BAR KIT ACCESSORY)	10-14 CU/10-12 AL	20 LB-IN
GROUND CONDUCTORS ONLY	8 AWG	25 LB-IN
	6-4 AWG	35 LB-IN
E01K1-2 NEUTRAL LUG KIT	(2) 12-10 AWG	20 LB-IN
E01K2 NEUTRAL LUG KIT	20-2 AWG	45 LB-IN
E01K3 NEUTRAL LUG KIT	20-4 AWG	135 LB-IN
MAIN LUG/MAN BRKR TO BUS CONNECTION (14-20 MUT)	300 kcmil - 1 AWG	340 LB-IN
BONDING SCREW		45 LB-IN



BOND WHEN NTL/EQUIP STRAP IS REMOVED
 BOND WHEN NTL/EQUIP STRAP IS IN PLACE
 BOND WHEN NTL/EQUIP STRAP IS IN PLACE AND NTL/EQUIP STRAP IS REMOVED

Assembled in Mexico
 © 2006 Copyright Siemens Energy & Automation, Inc.
 The National Electrical Code is a registered trademark of the National Fire Protection Association.

MAIN PANEL CMP

120/240V 1 Phase 3W

225AMP

1	Restroom Lighting	2	Training Room Outlets
3	Kitchen Lighting	4	Outdoor Lighting
5	Restroom Outlets	6	Outdoor Lighting
7	Counter Outlets	8	Refridgerator
9	Disposal	10	Microwave
11	Trash Compacters	12	Range
13	Counter Outlets	14	Range
15	Counter Outlets	16	Furnace
17	Training Room Outlets	18	Hvac Condenser
19	Training Room Outlets	20	Hvac Condenser
21	Spare	22	Spare PHOTO CELL
23	Spare	24	Spare
25	Spare	26	Spare
27	Spare	28	Spare
29	Spare	30	Spare
31	Spare	32	Spare
33	Spare	34	Spare
35	Spare PNLCA Feeder	36	Spare
37	Spare PNLCA Feeder	38	Spare
39	Panel CA Feeder SOLAR	40	Panel Cb Feeder
41	Panel CA Feeder SOLAR	42	Panel Cb Feeder