



# ELECTRICAL RESIDENTIAL

910-893-7525

www.harnett.org

PERMIT NUMBER

ERES2205-0024

<b>JOB ADDRESS:</b> 40 ROCKY RUN LN	<b>PERMIT SUBTYPE:</b> RESIDENTIAL SOLAR PANELS	<b>PARCEL NO:</b> 0680-44-9575.000
<b>DESCRIPTION:</b> roof mounted solar panels	<b>DATE ISSUED:</b> 5/23/2022	<b>DATE EXPIRED:</b>
<b>PLAN NAME:</b>	<b>ZONING DISTRICT:</b> RA-30 - 0.59 acres (100.0%)	

<b>APPLICANT:</b> Sigora Solar 1222 Harris Street Charlottesville, VA 22903	<b>PHONE:</b> (434)465-6788 <b>EMAIL:</b> permitting@sigorasolar.com
<b>CONTRACTOR:</b> Sigora Solar 1222 Harris Street Charlottesville, VA 22903	<b>PHONE:</b> (434)465-6788 <b>EMAIL:</b> permitting@sigorasolar.com
<b>OWNER:</b> CAIN WILLIAM HEATH 40 ROCKY RUN LN LILLINGTON, NC 27546 LILLINGTON, NC 27546-0000	<b>PHONE:</b> <b>EMAIL:</b>

### REQUIRED INSPECTIONS

INSPECTION TYPE	APPROVAL	DATE	COMMENTS
FINAL**			
ROUGH IN			



Scott E. Wyssling, PE  
Jon P. Ward, SE, PE  
Gregory T. Elvestad, PE

76 North Meadowbrook Drive  
Alpine, UT 84004  
office (201) 874-3483  
swyssling@wysslingconsulting.com

June 2, 2022

Sigora Solar LLC  
490 Westfield Road STE A  
Charlottesville, VA 22901

Scott  
Wyssling, PE



Digitally signed by Scott Wyssling, PE  
DN: C=US, S=Utah, L=Alpine,  
O=Wyssling Consulting, OU=Owner,  
CN="Scott Wyssling, PE",  
E=swyssling@wysslingconsulting.com  
Reason: I am the author of this document  
Location: your signing location here  
Date: 2022.06.02 10:12:59-06'00'  
Foxit PDF Editor Version: 11.1.0

Re: Engineering Services (Post-Install)  
Cain Residence  
40 Rocky Run Lane, Lillington NC  
9.600 kW System

To Whom It May Concern:

Pursuant to your request, we have reviewed the installation of the above-referenced solar panel system. As you are aware, this office initially prepared a structural assessment, dated April 26, 2022, of the solar panel installation. This installation was inspected and found to be in compliance with the layout plan as specified in our report, product installation criteria, and the requirements of the current building codes. The installation is in compliance with the 2018 North Carolina Residential Code Book, professional engineering assessment and judgment and covers this dwellings assessment for solar panel connections and support only. We have determined that the equipment will not create a negative impact on the building's structural design, including any additional loads imposed (dead, snow, wind).

This letter pertains only to the panel support attachments to the roof framing and not the engineered photovoltaic panel products, components, or electrical-related installations/connections.

Should you have any questions regarding the above or if you require additional information do not hesitate to contact me.

Very truly yours,

Scott E. Wyssling, PE  
North Carolina License No. 46546

THIS PLAN HAS BEEN ELECTRONICALLY SIGNED AND SEALED BY SCOTT WYSSLING, PE USING A DIGITAL SIGNATURE AND DATE. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES



Wyssling Consulting, PLLC  
76 N Meadowbrook Drive  
Alpine UT 84004 COA # P-2308















**WARNING: PHOTOVOLTAIC  
POWER SOURCE**

596-00206



WARNING: PHOTOVOLTAIC  
POWER SOURCE





**WARNING DUAL POWER SOURCE**  
**SECOND SOURCE IS PHOTOVOLTAIC SYSTEM**

BEURON<sup>®</sup>

000248B937  
FCC ID: 2B847, IC: 2843-A007, MODEL: AM7

LEVEL 2

CL200 240V 3W TYPE C2M 30TA 1.0Kh  
\*ZZZ 2F8605 H67\* CA 0.5  
DUKE ENERGY PROGRESS  
332 298 288  
F120529  
OpenWay  
8/20

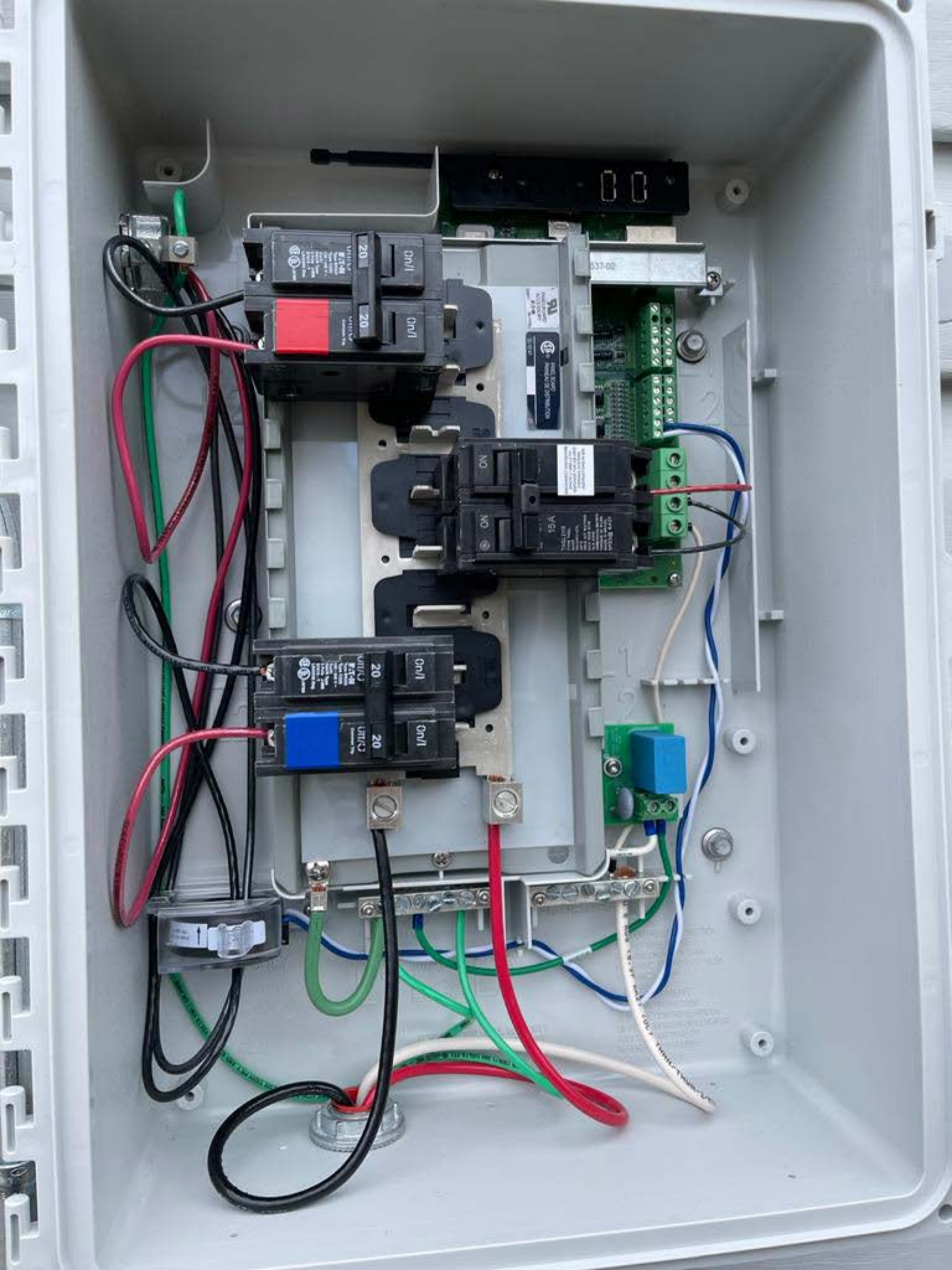
LANDIS & GYR  
TYPE T87 E-MUL/MS/RC



 ENPHASE.

 **WARNING**  
POWER SOURCE OUTPUT  
CONNECTION. DO NOT  
RELOCATE THIS  
OVERCURRENT DEVICE.

GENERAL DUTY  
CIRCUIT BREAKER



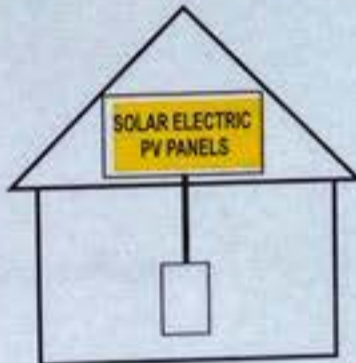
  
**SQUARE D®**

**GENERAL DUTY  
SAFETY SWITCH  
INTERRUPTOR DE  
SEGURIDAD DE  
SERVICIO GENERAL**  
60 A  
240 Vac / V~

**⚠ DANGER / PELIGRO**  
HAZARD OF ELECTRIC SHOCK, EXPLOSION, OR ARC FLASH  
PELIGRO DE DESCARGA ELÉCTRICA, EXPLOSIÓN O  
DESTELLO POR ARQUEO

**SOLAR PV SYSTEM EQUIPPED  
WITH RAPID SHUTDOWN**

TURN RAPID SHUTDOWN  
SWITCH TO THE  
"OFF" POSITION TO  
SHUT DOWN PV SYSTEM  
AND REDUCE  
SHOCK HAZARD  
IN THE ARRAY



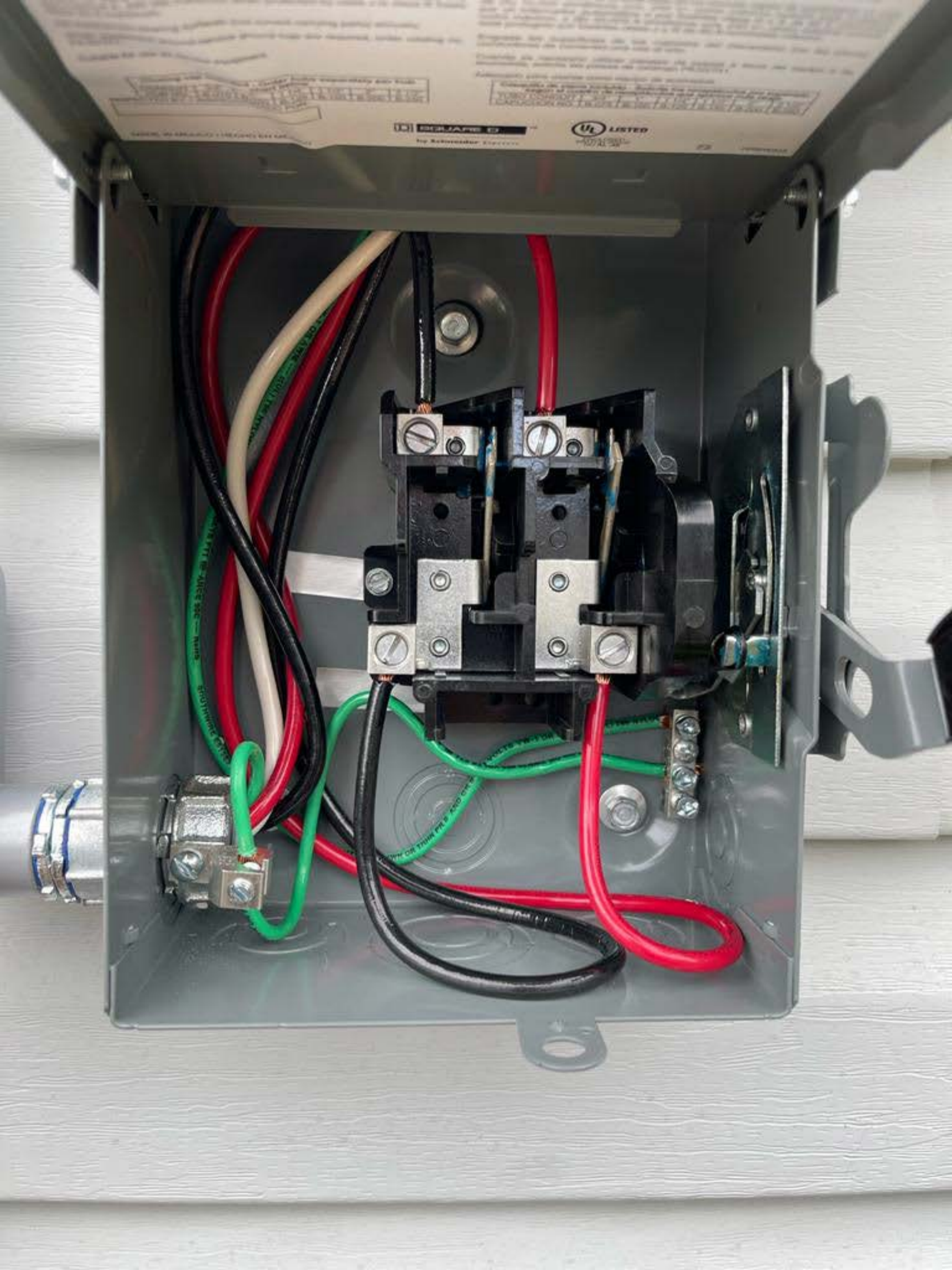
**PHOTOVOLTAIC AC DISCONNECT**

MAXIMUM AC OPERATING CURRENT:	29.04A
NOMINAL OPERATING AC VOLTAGE:	240V

ON

OFF





WARNING: THIS EQUIPMENT IS NOT TO BE USED FOR THE PURPOSES OF A POWER SUPPLY. THE USER SHALL BE RESPONSIBLE FOR THE PROPER INSTALLATION AND MAINTENANCE OF THE EQUIPMENT. THE USER SHALL BE RESPONSIBLE FOR THE PROPER WIRING OF THE EQUIPMENT. THE USER SHALL BE RESPONSIBLE FOR THE PROPER GROUNDING OF THE EQUIPMENT. THE USER SHALL BE RESPONSIBLE FOR THE PROPER LABELING OF THE EQUIPMENT. THE USER SHALL BE RESPONSIBLE FOR THE PROPER IDENTIFICATION OF THE EQUIPMENT. THE USER SHALL BE RESPONSIBLE FOR THE PROPER RECORDING OF THE EQUIPMENT. THE USER SHALL BE RESPONSIBLE FOR THE PROPER ARCHIVING OF THE EQUIPMENT. THE USER SHALL BE RESPONSIBLE FOR THE PROPER PRESERVATION OF THE EQUIPMENT. THE USER SHALL BE RESPONSIBLE FOR THE PROPER PROTECTION OF THE EQUIPMENT. THE USER SHALL BE RESPONSIBLE FOR THE PROPER SECURITY OF THE EQUIPMENT. THE USER SHALL BE RESPONSIBLE FOR THE PROPER ACCESS OF THE EQUIPMENT. THE USER SHALL BE RESPONSIBLE FOR THE PROPER USE OF THE EQUIPMENT. THE USER SHALL BE RESPONSIBLE FOR THE PROPER DISPOSAL OF THE EQUIPMENT. THE USER SHALL BE RESPONSIBLE FOR THE PROPER RECYCLING OF THE EQUIPMENT. THE USER SHALL BE RESPONSIBLE FOR THE PROPER REPAIR OF THE EQUIPMENT. THE USER SHALL BE RESPONSIBLE FOR THE PROPER REPLACEMENT OF THE EQUIPMENT. THE USER SHALL BE RESPONSIBLE FOR THE PROPER UPGRADE OF THE EQUIPMENT. THE USER SHALL BE RESPONSIBLE FOR THE PROPER DOWNGRADE OF THE EQUIPMENT. THE USER SHALL BE RESPONSIBLE FOR THE PROPER DECOMMISSIONING OF THE EQUIPMENT. THE USER SHALL BE RESPONSIBLE FOR THE PROPER ARCHIVING OF THE EQUIPMENT. THE USER SHALL BE RESPONSIBLE FOR THE PROPER PRESERVATION OF THE EQUIPMENT. THE USER SHALL BE RESPONSIBLE FOR THE PROPER PROTECTION OF THE EQUIPMENT. THE USER SHALL BE RESPONSIBLE FOR THE PROPER SECURITY OF THE EQUIPMENT. THE USER SHALL BE RESPONSIBLE FOR THE PROPER ACCESS OF THE EQUIPMENT. THE USER SHALL BE RESPONSIBLE FOR THE PROPER USE OF THE EQUIPMENT. THE USER SHALL BE RESPONSIBLE FOR THE PROPER DISPOSAL OF THE EQUIPMENT. THE USER SHALL BE RESPONSIBLE FOR THE PROPER RECYCLING OF THE EQUIPMENT. THE USER SHALL BE RESPONSIBLE FOR THE PROPER REPAIR OF THE EQUIPMENT. THE USER SHALL BE RESPONSIBLE FOR THE PROPER REPLACEMENT OF THE EQUIPMENT. THE USER SHALL BE RESPONSIBLE FOR THE PROPER UPGRADE OF THE EQUIPMENT. THE USER SHALL BE RESPONSIBLE FOR THE PROPER DOWNGRADE OF THE EQUIPMENT. THE USER SHALL BE RESPONSIBLE FOR THE PROPER DECOMMISSIONING OF THE EQUIPMENT.

**BELLEFLORE**  
by Schneider Electric

**UL LISTED**  
EQUIPMENT



WARNING: DANGEROUS VOLTAGE  
DO NOT OPEN WITHOUT A LICENSED ELECTRICIAN







ON

OFF

40A

THQL2140  
TYPE THQL  
HACR  
120/240V - CTL  
10KA INT RATING  
MAX RMS SYM  
8-3 AWG  
WIRE CU 1AL  
60 I 75 C  
TORQUE  
40 IN - LBS  
MADE IN DO  
G147 @ 4A08



ON

OFF

by ABB