

DC PHOTOVOLTAIC
SOURCE CIRCUIT



SOLADECK

WARNING

AVERTISSEMENT

⚠️

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©

DC PHOTOVOLTAIC
SOURCE CIRCUIT







Qualitäts
Produkte

012015

17



PV Negative/Neutral

5 of Instruction manual

W-1 600V OR AWM 1317 AND 1453

For terminal torque loads, see Table

Positive



PETOLETTI
93 BENNETT RD.
COATS, N.C. 27521



128C802A-48



Do Not Remove

128C802A-48



Intertek
4004690



P320-5NM4MRS NM29 A
S/N: SJ5019A-0128C802A-48



CAUTION

HOT SURFACES-TO REDUCE THE RISK OF BURNS-DO NOT TOUCH.
RISK OF ELECTRIC SHOCK-WHEN THE PHOTOVOLTAIC ARRAY IS EXPOSED TO LIGHT, IT SUPPLIES A DC VOLTAGE TO EQUIPMENT. COVER PV MODULE WITH OPAQUE MATERIAL BEFORE CONNECTING OR DISCONNECTING THIS OPTIMIZER.
DURING FAULT,ZERO CURRENT IS SOURCED INTO DC ARRAY BY CONVERTER.

WARNING ELECTRIC SHOCK HAZARD. THE DC CONDUCTORS OF THIS PHOTOVOLTAIC SYSTEM ARE UNGROUNDED AND MAY BE ENERGIZED.

AVERTISSEMENT

RISQUE DE CHOC ELECTRIQUE: QUAND LE CHAMP PHOTOVOTAIQUE EST EXPOSE A LA LUMIERE, UNE TENSION CC EST FOURNIE A CET EQUIPEMENT.
SURFACES CHAUDES: NE PAS TOUCHER, AFIN DE REDUIRE LES RISQUES DE BRULURES LE COURANT DE RETOUR INJECTE PAR LE CONVERTISSEUR EN CAS DE DEFAILLANCE DANS LE MODULE PV EST TOUJOURS NUL.







EATON[®]

General Duty Safety Switch
Interrupteur de sécurité à usage général
Interruptor de seguridad de servicio general

60 A, 240 V~, 60 Hz

Complete ratings inside
Valeurs nominales complètes à l'intérieur
Información completa de capacidades en el interior

Further instructions inside
Autres instructions à l'intérieur
Instrucciones adicionales en el interior

Made in U.S.A. / Fabriqué aux É.-U. / Hecho en E.U.A.

⚠ DANGER
HAZARDOUS VOLTAGE. WILL CAUSE SEVERE INJURY OR DEATH.
• Never operate switch with cover open.
• Turn OFF power ahead of switch before doing any work inside. Replace all parts. Close cover before turning power ON.

TENSION DANGEREUSE. PEUT CAUSER DES BLESSURES GRAVES OU LA MORT.
• Ne jamais manœuvrer l'interrupteur lorsque le couvercle est ouvert.
• Couper l'alimentation en amont de l'interrupteur avant toute intervention. Remplacer les pièces. Fermer le couvercle avant de remettre sous tension.

⚠ PELIGRO
VOLTAGE PELIGROSO. PUEDE CAUSAR HERIDAS SEVERAS O LA MUERTE.
• Nunca opere el interruptor con la cubierta abierta.
• Desconectar la alimentación del interruptor antes de trabajar dentro del mismo. Reemplazar todas las partes. Cerrar la cubierta antes de energizar el interruptor.

30-43080

PHOTOVOLTAIC AC DISCONNECT

MAXIMUM AC OPERATING CURRENT:

40A

NOMINAL OPERATING AC VOLTAGE:
596-03942

240V

ON
J

MAIN PHOTOVOLTAIC SYSTEM AC DISCONNECT



OFF
O

⚠ WARNING
DUAL POWER SUPPLY
SOURCES: UTILITY GRID AND PV SOLAR
ELECTRIC SYSTEM
596-03942

⚠ WARNING
ELECTRICAL SHOCK HAZARD
TERMINALS ON THE LINE AND LOAD SIDES MAY BE ENERGIZED IN THE OPEN POSITION
596-03942

PHOTOVOLTAIC SYSTEM
EQUIPPED WITH
RAPID SHUTDOWN

SOLAR PV SYSTEM EQUIPPED
WITH RAPID SHUTDOWN

TURN RAPID SHUTDOWN
SWITCH TO THE "OFF"
POSITION TO
SHUT DOWN CONDUCTORS
OUTSIDE THE ARRAY.
CONDUCTORS WITHIN
ARRAY REMAIN
ENERGIZED IN SUNLIGHT



WARNING

ELECTRICAL SHOCK HAZARD
THE DC CONDUCTORS OF THIS
PHOTOVOLTAIC SYSTEM ARE UNGROUNDED
AND MAY BE ENERGIZED

WARNING

ELECTRICAL SHOCK HAZARD
TERMINALS ON THE LINE AND
LOAD SIDES MAY BE ENERGIZED
IN THE OPEN POSITION

solar**edge**

HD wave

MAXIMUM VOLTAGE
MAXIMUM CIRCUIT CURRENT

480V
32A

MAX RATED OUTPUT CURRENT OF
THE CHARGE CONTROLLER
OR DC-TO-DC CONVERTER
(IF INSTALLED)

596-03942

OFF



ON

PHOTOVOLTAIC
DC DISCONNECT

solar**edge**