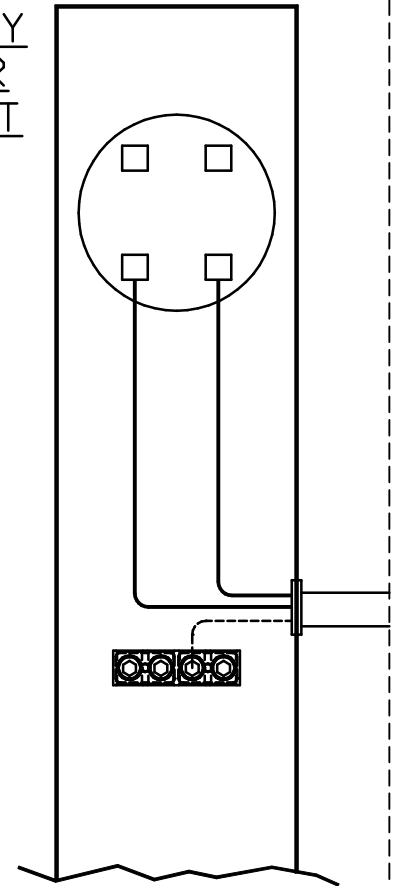UTILITY
METER
SOCKET

CONNECTION PANEL

LIQUID-COOLED ENGINE GENERATOR

THREE
PHASE

E1 E2 E3

N1
N2
T1/LINE
NEU

GROUND

CUSTOMER SUPPLIED
NEUTRAL WIRE

NEUTRAL

194
23
183
178

N1
N2
T1

E1   E2

194
23

NEUT

0

SINGLE
PHASE

MATCH WIRE
NUMBERS TO
TERMINAL NUMBERS

INTERCONNECTION DRAWING

GROUND BAR

A BONDING JUMPER
IS PROVIDED BETWEEN
THE NEUTRAL LUG
AND ENCLOSURE AT
THIS LOCATION
(FACTORY INSTALLED)

LIQUID COOLED INSTALLATION

SERVICE ENTRANCE
DISCONNECT ATS

INSTALLATION MUST MEET
ALL NATIONAL, STATE AND
LOCAL ELECTRICAL CODES.

IN NON-SERVICE RATED SWITCHES A
MAIN BREAKER WILL NOT BE PRESENT
AS SHOWN AND THE BONDING JUMPER
WILL BE REMOVED

SMART
AC
MODULE

N1 N2

N1
N2
T1

UTILITY
(E1 & VR1)

STANDBY
(E2 & VR2)

0 9 4
2 3   E1 T1   T2 E2

OPTIONAL
AUX.CONTACT

SERVICE DISCONNECT
ATS

PANELBOARD

TO GROUNDING
ELECTRODE

GENERATOR FEEDER
AND CLASS 1 CONTROL CONDUCTORS

DISCONNECT
THE BONDING
CONNECTION
IN PANELBOARD
WHEN INSTALLING
SERVICE RATED ATS

NEUTRAL BAR
SEE PANEL
MANUFACTURER
FOR DETAILS

GROUND
BAR

GFCI
BREAKER
(IF EQUIPPED)

E1   E2

UTILITY
METER
SOCKET

GENERATOR OUTPUT
CIRCUIT BREAKER
2 POLE (SINGLE PHASE)

RIGHT
SIDE
VIEW

GROUNDING ELECTRODE
CONNECTION
(LOCATED ON THE
CONNECTION PANEL)

NEUTRAL
WHITE

GROUND
GREEN

E1
E2

N1 N2 T1   0   194 23

N1 N2 T1   194 23

TOP
VIEW

MATCH WIRE
NUMBERS TO
TERMINAL NUMBERS

CONNECTION PANEL

AIR-COOLED ENGINE GENERATOR

GROUND BAR

A BONDING JUMPER
IS PROVIDED BETWEEN
THE NEUTRAL LUG
AND ENCLOSURE AT
THIS LOCATION
(FACTORY INSTALLED)

AIR COOLED INSTALLATION

SERVICE ENTRANCE
DISCONNECT ATS

INSTALLATION MUST MEET
ALL NATIONAL, STATE AND
LOCAL ELECTRICAL CODES.

IN NON-SERVICE RATED SWITCHES A
MAIN BREAKER WILL NOT BE PRESENT
AS SHOWN AND THE BONDING JUMPER
WILL BE REMOVED

SMART
AC
MODULE

N1 N2

N1
N2
T1

UTILITY
(U1 & VR1)

STANDBY
(E1 & VR2)

094
123

E1 T1   T2 E2

OPTIONAL
AUX.CONTACT

SERVICE DISCONNECT
ATS

PANELBOARD

TO GROUNDING
ELECTRODE

GENERATOR FEEDER
AND CLASS 1 CONTROL CONDUCTORS

DISCONNECT
THE BONDING
CONNECTION
IN PANELBOARD
WHEN INSTALLING
SERVICE RATED ATS

NEUTRAL BAR
SEE PANEL
MANUFACTURER
FOR DETAILS

GROUND
BAR