

TECHNICAL ENGINEERING SUPPORT APPLICATION NOTICE (TESAN)

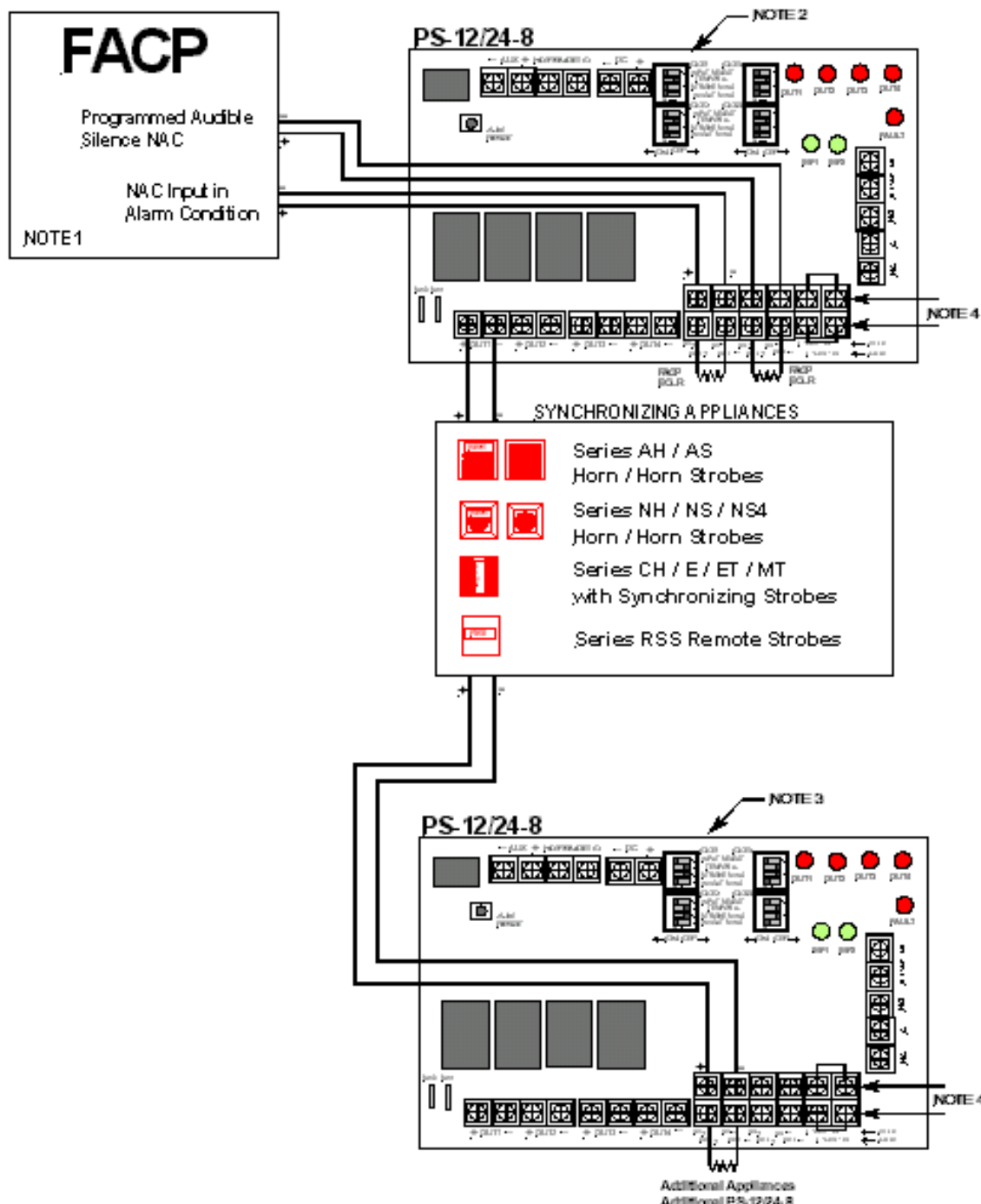
Subject: PS-12/24-8 PowerPath

Synchronized Multiple PS-12/24-8 Power Supply/Boosters Using a Master PS-12/24-8 in the WHEELOCK SYNC MODE with Wheelock Appliances and Additional PowerPaths on a NAC Circuit

This TESAN addresses the use of additional PS-12/24-8 Power Supply/Booster when connected to a synchronized NAC circuit. The purpose would be to boost the NAC circuit remotely and continue the synchronizing signal.

The number of PS-12/24-8 that can be connected in this manner depends on the number of PowerPaths and appliances connected between each PS-12/24-8 Power Supply/Boosters. When the input voltage remains above 9.0 VDC and below 30.0VDC at least 200 PS-12/24-8 Power Supply/Boosters can be connected.

Synchronized Multiple PS-12/24-8 Power Supply/Charger Using a Master PS-12/24-8 in the WHEELOCK SYNC MODE with Audible Silence, with Wheelock Appliances and Additional PS-12/24-8



For applications of more than 10 PS-12/24-8 Power Supply/Chargers contact Technical Support Engineering at 1-800-631-2148.

Synchronized Multiple PS-12/24-8 Power Supply/Charger Using a Master PS-12/24-8 in the WHEELLOCK SYNC MODE without Audible Silence, with Wheelock Appliances and Additional PS-12/24-8

NOTE 1: NAC
Input Voltage
9.0 to 30.0 VDC
Constant.

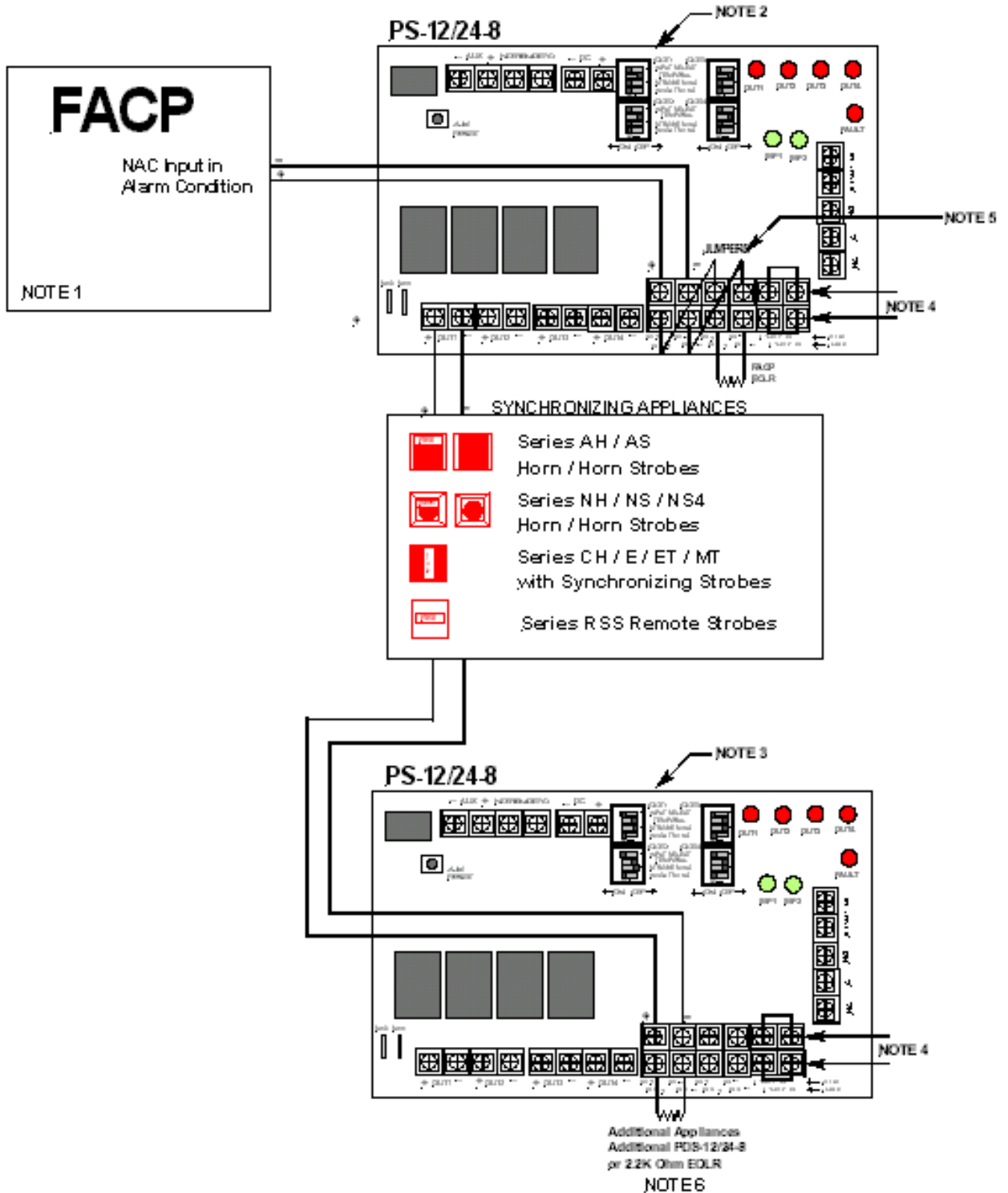
NOTE 2:
OBSERVE DIP
SWITCH
SETTINGS
Input Selection
Switch (Position
1) on OUT1
To OUT4 DIP
Switches are
shown in the
"ON" Position
allowing Input
#1 to activate
Outputs 1 – 4,
Positions 2 – 4
are set for
"Wheelock
SYNC MODE".

NOTE 3:
OBSERVE DIP
SWITCH
SETTINGS
Input Selection
Switch (Position
1) on OUT 1
To OUT 4 DIP
Switches are
shown in the
"ON" Position
allowing Input
#1 to activate
Outputs 1 – 4.
Positions 2 – 4
are set for
"IN>OUT SYNC
MODE".

NOTE 4:
Jumpers must
be in place
across "DRY 1"
and
"DRY 2"
terminals when
operating Power
Supply using
"IN 1" or "IN 2".

NOTE 5:
Jumper "RET 1-"
to "IN 2-" and
"RET 2+" to
"IN 2+" only on
the Master PS-
12/24-8.

NOTE 6: Up to
200 PS-12/24-8
Power
Supply/Chargers
and Additional
appliances can
be connected in
this
Manner as long
as the voltage
remains above
20.0 VDC.



Place the
PowerPath
EOLR (2.2 K
Ohms) on the
last
device for
supervision.
Each PS-12/24-
8 uses 0.08mA.

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