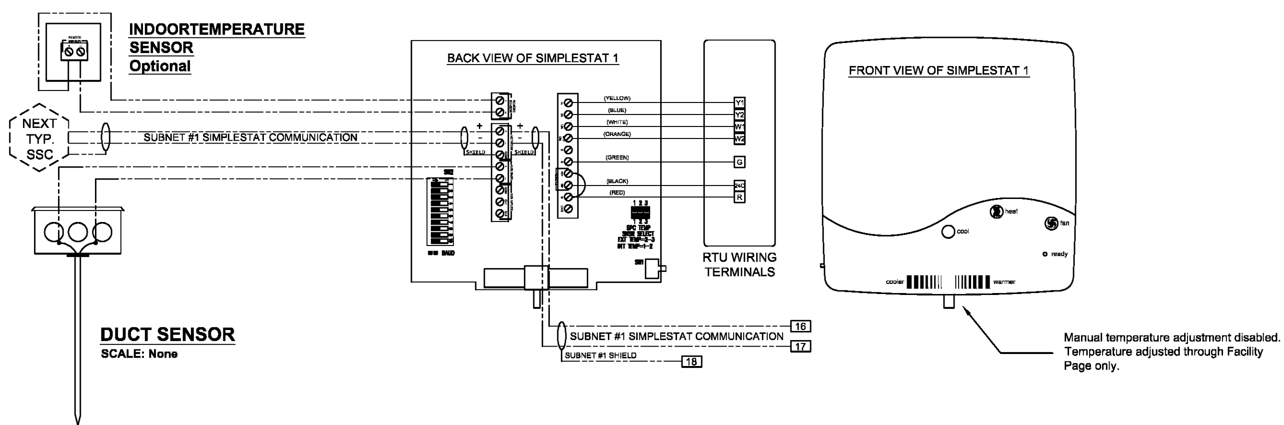
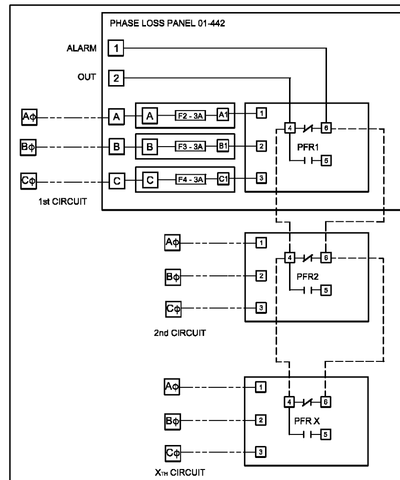


DUCT SENSOR
SCALE: None

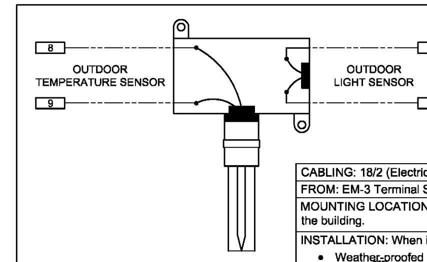
SIMPLESTAT WIRING DETAIL
SCALE: None

CABLING: 18/2 (Mechanical Install) - 18/8 (ELECTRICAL INSTALL)
FROM: EM-3 Terminal Strip
MOUNTING LOCATION: To be determined by customer
INSTALLATION: • Install cable between SimpleStat Thermostat module and RTU • Terminate R, G, Y1, Y2, W1, and W2 for control of fan, cooling, and heating. Secure the communications cables to the SimpleStat as shown. • If using a remote space temperature sensor, it must be connected prior to applying power to the SimpleStat. • Provide 24VAC power to the SimpleStat Thermostat Module from the RTU transformer. Power to the controller must be off while terminations are made.



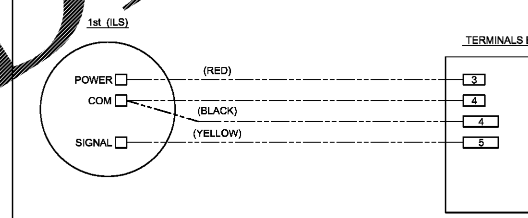
PHASE LOSS MONITOR(S) WIRING DETAIL
SCALE: None

CABLING: 18/2 (ELECTRICAL INSTALL)
FROM: ESC I/O Terminals 28, 29
MOUNTING LOCATION: Adjacent to monitored panels.
INSTALLATION: • Line voltage per NEC • PFR shown in an alarm condition.



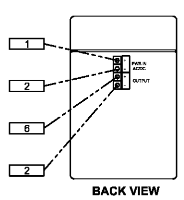
OTS/OLS WIRING DETAIL
SCALE: None

CABLING: 18/2 (Electrical Install)
FROM: EM-3 Terminal Strip
MOUNTING LOCATION: On the north/northeast side of the building.
INSTALLATION: When installing make sure enclosure is: • Weather-proofed • Mounted with the white PVC sensor pointed downward • Not mounted on any removable access door or HVAC Unit. • Positioned to allow the Outdoor Light Sensor exposure to full ambient daylight but is not shadowed or exposed to any artificial illumination.



ILS WIRING DETAIL
SCALE: None

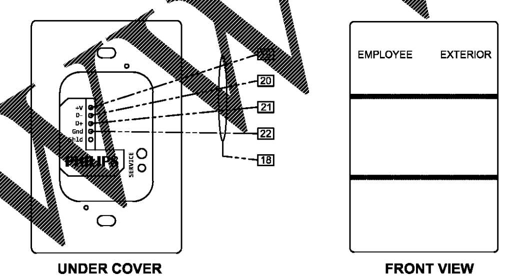
CABLING: 18/4 (Electrical Install)
FROM: EM-3 ESC TB1
MOUNTING LOCATION: I/O connections
• INSTALLATION: Typical for 1 sensor connecting to terminals in eSC/IFP.



INDOOR CARBON DIOXIDE SENSOR DETAIL
SCALE: None

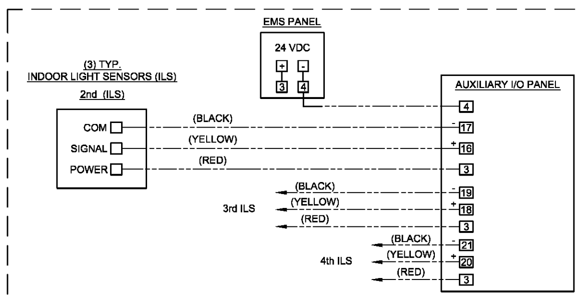
CABLING: 18/4 (Electrical Install)
FROM: EM-3 Terminal Strip
MOUNTING LOCATION: To be determined by customer
INSTALLATION: N/A

 # ANTUMBRA OVERRIDE OPTION



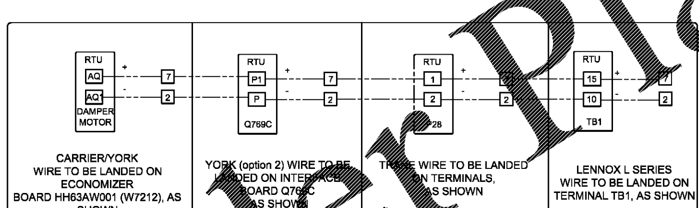
OVERRIDE BUTTON DETAIL
SCALE: None

CABLING: 18/4 (Electric Install)
FROM: EM-3 Terminal Strip
MOUNTING LOCATION: To be determined by customer
INSTALLATION: TO BE USED WITH SUBNET 3 OVERRIDE COMMUNICATION PORTS



ILS (MK7-B) WIRING DETAIL
SCALE: None

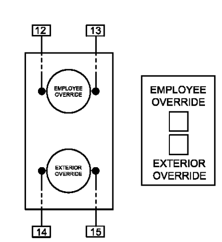
CABLING: 18/2 (Electrical Install)
FROM: Auxiliary I/O Panel & EM-3 Terminal Strip
MOUNTING LOCATION: N/A
INSTALLATION: • Typical for 3 Indoor Light sensors • Connect to same earth ground as EMS panel



RTU CONNECTION DETAIL
SCALE: None

CABLING: 18/2 (Electrical Install)
FROM: EM-3 Terminal Strip
MOUNTING LOCATION: N/A
INSTALLATION: Special Instructions 1. Terminal designations are for economizer actuator motors. If hvac units do not have economizer section or do not have iaq/dcv option, then do not terminate wires and make note on survey form. 2. Daisy chain to next sales floor hvac unit, as required

*** STANDARD OVERRIDE OPTION**



OVERRIDE BUTTON DETAIL
SCALE: None

CABLING: 18/2 (Electric Install)
FROM: EM-3 Terminal Strip
MOUNTING LOCATION: To be determined by customer
INSTALLATION: N/A

OVERRIDE WIRING LEGEND

DETAIL TAG	OVERRIDE USE	CONNECTION TO
*	TO BE USED WITH STANDARD OVERRIDE	ESC I/0 TERMINALS
#	TO BE USED WITH ANTUMBRA OVERRIDE	OVERRIDE COMMUNICATION SUBNET

TELETROL SYSTEMS INC.
286 Commercial Street
Manchester, NH 03101
PHILIPS teletrol
sense and simplicity

DOLLAR TREE FIELD WIRING (FOR REFERENCE ONLY)

REVISION: (PART NUMBER 94-327)	DATE:
ADD NEW CONTROLLER TO DESIGN (ECN 2167)	10/11/13
INTERCONNECTION INFORMATION FOR AUXILIARY I/O PANEL, 01-451.(ECN 2234)	6/26/14
ADD ANTUMBRA OPTION. (ECN 2239)	8/13/14

DRAWN:	CHECKED:
W.P.C.	R.S.R.

ENERGY MANAGEMENT PLAN

EM-4 of 4

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