EP1501 SUPPORTING ONLY 2 AD-300 LOCKS

HOST — LAN (TCP/IP) — PoE SWITCH — LAN (TCP/IP) — MERCURY EP1501*

RS485 — 2X18 — AD-300 LOCK / ELECTRIC HINGE
RS485 — 2X18 — AD-300 LOCK / ELECTRIC HINGE
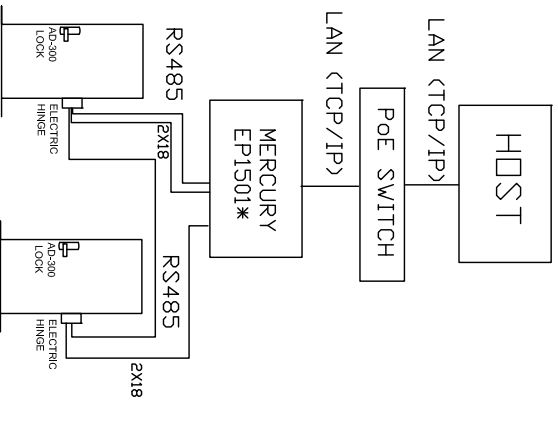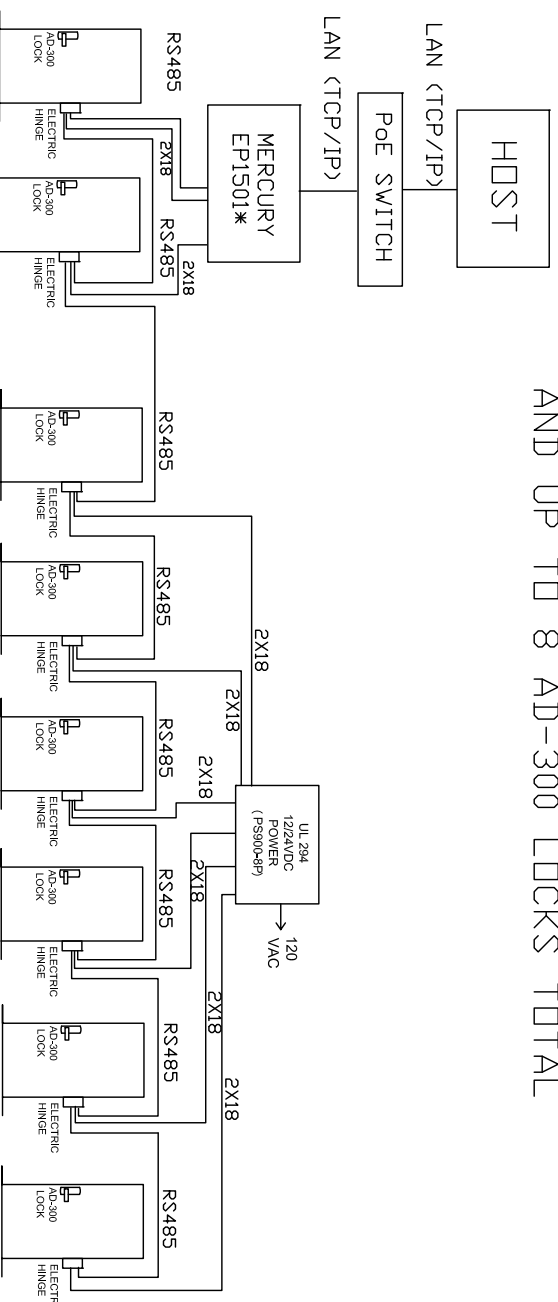
EP1501 PoE CONTROLLER SUPPORTS UP TO 2 AD-300 LOCKS VIA PoE. NOTE THE EP1501 PROVIDES 12VDC TO THE AD-300 LOCKS IT POWERS.

UL294 INSTALLATIONS REQUIRE UL294 POWER SOURCE FOR AD-300 LOCKS.

CONFIRM YOUR MERCURY RS485 INTEGRATED ALLIANCE PARTNER SUPPORTS THIS CONFIGURATION.

RS485 MAXIMUM TOTAL LENGTH OF 2000'.

EP1501 SUPPORTING MORE THAN 2 AD-300 AND UP TO 8 AD-300 LOCKS TOTAL

HOST — LAN (TCP/IP) — PoE SWITCH — LAN (TCP/IP) — MERCURY EP1501*

RS485 — 2X18 — AD-300 LOCK / ELECTRIC HINGE
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RS485 — AD-300 LOCK / ELECTRIC HINGE
RS485 — AD-300 LOCK / ELECTRIC HINGE

UL 294 12/24VDC POWER (PS900-8P) — 120 VAC

EP1501 PoE CONTROLLER SUPPORTS UP TO 2 AD-300 LOCKS VIA PoE. NOTE THE EP1501 PROVIDES 12VDC TO THE AD-300 LOCKS IT POWERS.

UL294 INSTALLATIONS REQUIRE UL294 POWER SOURCE FOR AD-300 LOCKS.

REMAINING UP TO 6 AD-300 LOCKS WILL REQUIRE A SEPARATE 12/24 VDC POWER SUPPLY.

CONFIRM YOUR MERCURY RS485 INTEGRATED ALLIANCE PARTNER SUPPORTS THIS CONFIGURATION.

RS485 MAXIMUM TOTAL LENGTH OF 2000'.

* SET J3 ON EP-1501 FOR PoE

NOTES:
1) ALL LOW VOLTAGE WIRING TO BE STANDARD, MULTI-CONDUCTOR COLOR CODED WITHOUT SPLICES.
2) WIRING TO CONFORM TO APPLICABLE NATIONAL, STATE AND LOCAL ELECTRICAL CODES.
3) REFER TO SPECIFIC PRODUCT INSTALLATION INSTRUCTIONS FOR SPECIFIC WIRING REQUIREMENTS.
4) THIS DRAWING IS FOR GRAPHICAL REPRESENTATION OF PRODUCTS DETAILED IN THE HARDWARE SET ONLY.
5) ADDITIONAL WIRING WILL BE REQUIRED THAT IS NOT SHOWN HERE. CONSULT PROVIDER FOR DETAILS.

HARDWARE USED:
MERCURY EP1501
AD-300 LOCKS
ELECTRIC HINGES
UL294 POWER SUPPLIES SUCH AS PS900-8P
PoE SWITCH

TYPE
MERCURY EP1501 PoE
AD-300 SOLUTION

OPERATION:
SEE OPERATION ABOVE

DATE DRAWN: 3-25-14

REVISION DATE: 3-25-14

ALLEGION™

TITLE:
MERCURY EP1501 PoE
SUPPORT OF AD-300 LOCKS

DRAWING TYPE: RISER

DWG NO: 32514EP1501

DRAWN/CHECKED BY: B DOVE

REV: A