HOMEWORKS

HOMEWORKS QSX EQUIPMENT, DIN PANELS, & KETRA

HOMEWORKS QSX SYSTEM EQUIPMENT

(2) HQP7-2
HOMEWORKS QSX PROCESSOR
WITH (2) CONFIGURABLE LINKS
(2) QSPS-DH-1-75-H
100-277V~, 50/60 Hz
HOMEWORKS QS DIN RAIL
POWER SUPPLY
HQ-LV21-120
120V~, 50/60 Hz, HOMEWORKS QS
LOW VOLTAGE ENCLOSURE
21.00"(H) X 14.38"(W) X 4.09"(D)
(533mm X 365mm X 104mm)
LOCATION TBD
(X) QS-WLB
QS WIRE LANDING BOARD
LOCATION TBD

HQP7-2
HOMEWORKS QSX 2-LINK PROCESSOR
WITH (2) CONFIGURABLE LINKS
DIN RAIL MOUNTED
3.54"(H) X 4.25"(W) X 2.38"(D)
(90mm X 108mm X 60.5mm)
[POWER SUPPLY REQUIRED]
LOCATION TBD

HQP7-1
HOMEWORKS QSX 1-LINK PROCESSOR
WITH (1) CONFIGURABLE LINKS
DIN RAIL MOUNTED
3.54"(H) X 4.25"(W) X 2.38"(D)
(90mm X 108mm X 60.5mm)
[POWER SUPPLY REQUIRED]
LOCATION TBD

HQP7-MDU-2
HOMEWORKS QSX MDU 2-LINK PROCESSOR
WITH (2) CONFIGURABLE LINKS
DIN RAIL MOUNTED
3.54"(H) X 4.25"(W) X 2.38"(D)
(90mm X 108mm X 60.5mm)
[POWER SUPPLY REQUIRED]
LOCATION TBD

HQP7-MDU-1
HOMEWORKS QSX 1-LINK MDU PROCESSOR
WITH (1) CONFIGURABLE LINKS
DIN RAIL MOUNTED
3.54"(H) X 4.25"(W) X 2.38"(D)
(90mm X 108mm X 60.5mm)
[POWER SUPPLY REQUIRED]
LOCATION TBD

HQP7-RF-2
HOMEWORKS QSX WIRELESS PROCESSOR
REQUIRES POWER OVER ETHERNET (POE)
CONNECTION FOR DATA AND POWER
INCLUDES MOUNTING ADAPTER:
########################
PROCESSOR DIMENSIONS: 4.04"(DIA) X 1.17"(D)
[102,67mm X 29,82mm]
LOCATION TBD

L-POEI-BL
POE INJECTOR WITH U.S. CLIP
INCLUDES 2 ETHERNET CABLES
(3 FT & 6 FT WITH DOWN ANGLE)
3.39"(H) X 1.98"(W) X 1.25"(D)
(86mm X 50,2mm X 31,9mm)
LOCATION TBD

ANDROID OR iOS DEVICE
(PROVIDED BY OTHERS)
CONNECTS TO LUTRON SYSTEM
VIA DOWNLOADABLE APP
"THE LUTRON APP"

AMAZON OR GOOGLE
SMARTHOME DEVICE
(PROVIDED BY OTHERS)

ANDROID OR iOS PHONE
(PROVIDED BY OTHERS)
CONNECTS TO LUTRON SYSTEM
VIA DOWNLOADABLE APP
"THE LUTRON APP"

ETHERNET NETWORK:

LOCAL AREA NETWORK SHARED RESIDENTIAL LAN (Local Area Network). THE INTER-PROCESSOR NETWORK MAY BE CONNECTED THROUGH A SHARED INTRANET. ALL NETWORK EQUIPMENT INCLUDING ROUTERS, SWITCHES, AND NETWORK CABLES ARE SUPPLIED BY OTHERS AND MUST ADHERE TO LUTRON SPECIFICATIONS. THE SHARED INTRANET MUST BE ABLE TO PASS UDP MULTICAST TRAFFIC. ALL NETWORK ARCHITECTURE AND SETUP MUST BE COORDINATED THROUGH THE END USERS INFORMATION TECHNOLOGY GROUP OR CONSULTANT AND MAY REQUIRE ADDITIONAL STARTUP TIME AND EXPENSE.

FEED-THROUGH DIN POWER MODULE ENCLOSURES WITH TERMINAL BLOCKS

120V, NORMAL
FEED-THROUGH CIRCUITS
(MAX OF 2 CIRCUITS)

PANEL ID #
PD2-16T-DV
120V~ DIN RAIL PANEL, 50/60 Hz
FEED-THROUGH SATELLITE PANEL
WITH TERMINAL BLOCKS
WITH (X) LQSE-2HDC-D, (X) LQSE-4A-120-D,
(X) LQSE-4S8-120-D, (X) LQSE-4A1-D,
(X) LQSE-4T5-120-D, (X) LQSE-4M-120-D,
(X) LQSE-4A5-120-D DIN POWER MODULES
WITH (1) QS WIRE LANDING BOARD
16.0"(H) X 15.875"(W) X 3.94"(D)
(406mm X 403mm X 100mm)
LOCATION TBD

120V, NORMAL
FEED-THROUGH CIRCUITS
(MAX OF 4 CIRCUITS)
E
120V~

PANEL ID #
PD4-42T-DV
120V~ DIN RAIL PANEL, 50/60 Hz
FEED-THROUGH CONTROL PANEL
WITH TERMINAL BLOCKS
WITH (X) LQSE-2HDC-D, (X) LQSE-4A-120-D,
(X) LQSE-4S8-120-D, (X) LQSE-4A1-D,
(X) LQSE-4T5-120-D, (X) LQSE-4M-120-D,
(X) LQSE-4A5-120-D DIN POWER MODULES
(X) QS-WLB & (X) QSPS-1-DH-75(-H)
OPTION TO INCLUDE (2 MAX TOTAL):
(X) 1-LINK HOMEWORKS QSX PROCESSOR(S),
(X) 2-LINK HOMEWORKS QSX PROCESSOR(S),
(X) QSE-CI-DMX, OR (X) QSE-IO,
42.0"(H) X 15.875"(W) X 3.94"(D)
(1067mm X 403mm X 100mm)
LOCATION TBD

120V, NORMAL
FEED-THROUGH CIRCUITS
(MAX OF 6 CIRCUITS)

PANEL ID #
PD6-42T-DV
120V~ DIN RAIL PANEL, 50/60 Hz
FEED-THROUGH SATELLITE PANEL
WITH TERMINAL BLOCKS
WITH (X) LQSE-2HDC-D, (X) LQSE-4A-120-D,
(X) LQSE-4S8-120-D, (X) LQSE-4A1-D,
(X) LQSE-4T5-120-D, (X) LQSE-4M-120-D,
(X) LQSE-4A5-120-D DIN POWER MODULES
WITH (1) QS WIRE LANDING BOARD
42.0"(H) X 15.875"(W) X 3.94"(D)
(1067mm X 403mm X 100mm)
LOCATION TBD

120V, NORMAL
FEED-THROUGH CIRCUITS
(MAX OF 8 CIRCUITS)
E
120V~

PANEL ID #
PD8-65T-DV
120V~ DIN RAIL PANEL, 50/60 Hz
FEED-THROUGH CONTROL PANEL
WITH TERMINAL BLOCKS
WITH (X) LQSE-2HDC-D, (X) LQSE-4A-120-D,
(X) LQSE-4S8-120-D, (X) LQSE-4A1-D,
(X) LQSE-4T5-120-D, (X) LQSE-4M-120-D,
(X) LQSE-4A5-120-D DIN POWER MODULES
(X) QS-WLB & (X) QSPS-1-DH-75(-H)
OPTION TO INCLUDE (2 MAX TOTAL):
(X) 1-LINK HOMEWORKS QSX PROCESSOR(S),
(X) 2-LINK HOMEWORKS QSX PROCESSOR(S),
(X) QSE-CI-DMX, OR (X) QSE-IO,
42.0"(H) X 15.875"(W) X 3.94"(D)
(1067mm X 403mm X 100mm)
LOCATION TBD

120V, NORMAL
FEED-THROUGH CIRCUITS
(MAX OF 10 CIRCUITS)

PANEL ID #
PD10-65T-DV
120V~ DIN RAIL PANEL, 50/60 Hz
FEED-THROUGH SATELLITE PANEL
WITH TERMINAL BLOCKS
WITH (X) LQSE-2HDC-D, (X) LQSE-4A-120-D,
(X) LQSE-4S8-120-D, (X) LQSE-4A1-D,
(X) LQSE-4T5-120-D, (X) LQSE-4M-120-D,
(X) LQSE-4A5-120-D DIN POWER MODULES
WITH (1) QS WIRE LANDING BOARD
65.0"(H) X 15.875"(W) X 3.94"(D)
(1651mm X 403mm X 100mm)
LOCATION TBD

FEED-THROUGH DIN POWER MODULE ENCLOSURES

HQ-DP2-120-CGP2649
120V~, 50/60 Hz 17" ENCLOSURE
w/ (X) LQSE-2HDC-D HOMEWORKS DIGITAL CONTROLLER
WITH (2) HOMEWORKS DIGITAL DIGITAL LINKS
-OR-
(X) LQSE-2DAL-D DALI CONTROLLER
WITH (2) DALI DIGITAL LINKS
DIN RAIL MOUNTED
17.25"(H) X 9.25"(W) X 3.875"(D)
(440mm X 235mm X 98mm)
LOCATION TBD

PD2-16F-120
120V~, 50/60 Hz 16" SATELLITE PANEL
w/ (X) LQSE-4A-120-D, (X) LQSE-4S8-120-D,
(X) LQSE-4T5-120-D, (X) LQSE-4A1-D, &
(X) LQSE-2HDC-D HOMEWORKS DIGITAL CONTROLLER
WITH (2) HOMEWORKS DIGITAL DIGITAL LINKS
DIN RAIL MOUNTED
16.00"(H) X 15.125"(W) X 4.34"(D)
(407mm X 385mm X 110.5mm)
LOCATION TBD

PD4-36F-120
120V~, 50/60 Hz 36" CONTROL PANEL
w/ (X) LQSE-4A-120-D, (X) LQSE-4S8-120-D,
(X) LQSE-4T5-120-D, (X) LQSE-4A1-D, &
(X) LQSE-2HDC-D HOMEWORKS DIGITAL CONTROLLERS
(X) QSPS-DH-1-75-H POWER SUPPLY,
(X) HQP6-2 PROCESSOR, (X) HQP6-1 PROCESSOR, (X) QS-WLB,
(X) QSE-IO CONTACT CLOSURE INTERFACE,
& (X) QSE-CI-DMX DMX INTERFACE
DIN RAIL MOUNTED
36.00"(H) X 15.125"(W) X 4.34"(D)
(914mm X 385mm X 110.5mm)
LOCATION TBD

PD5-36F-120
120V~, 50/60 Hz 36" SATELLITE PANEL
w/ (X) LQSE-4A-120-D, (X) LQSE-4S8-120-D,
(X) LQSE-4T5-120-D, (X) LQSE-4A1-D, &
(X) LQSE-2HDC-D HOMEWORKS DIGITAL CONTROLLERS
DIN RAIL MOUNTED
36.00"(H) X 15.125"(W) X 4.34"(D)
(914mm X 385mm X 110.5mm)
LOCATION TBD

PD8-59F-120
120V~, 50/60 Hz 59" CONTROL PANEL
w/ (X) LQSE-4A-120-D, (X) LQSE-4S8-120-D,
(X) LQSE-4T5-120-D, (X) LQSE-4A1-D, &
(X) LQSE-2HDC-D HOMEWORKS DIGITAL CONTROLLERS
(X) QSPS-DH-1-75-H POWER SUPPLY,
(X) HQP6-2 PROCESSOR, (X) HQP6-1 PROCESSOR, (X) QS-WLB
(X) QSE-IO CONTACT CLOSURE INTERFACE,
& (X) QSE-CI-DMX DMX INTERFACE
DIN RAIL MOUNTED
59.00"(H) X 15.125"(W) X 4.34"(D)
(1500mm X 385mm X 110.5mm)
LOCATION TBD

PD9-59F-120
120V~, 50/60 Hz 59" SATELLITE PANEL
w/ (X) LQSE-4A-120-D, (X) LQSE-4S8-120-D,
(X) LQSE-4T5-120-D, (X) LQSE-4A1-D, &
(X) LQSE-2HDC-D HOMEWORKS DIGITAL CONTROLLERS
DIN RAIL MOUNTED
59.00"(H) X 15.125"(W) X 4.34"(D)
(1500mm X 385mm X 110.5mm)
LOCATION TBD

BREAKER DIN POWER MODULE ENCLOSURES

PD8-65A-120L3-20
120/240V~, 1 PHASE, 3 WIRE DIN BREAKER PANEL
50/60 Hz, WITH (8) 20A AFCI BREAKERS
HOLDS (X) LQSE-4A-120-D, (X) LQSE-4A1-D,
(X) LQSE-4S8-120-D, (X) LQSE-4T5-120-D,
(X) LQSE-4M-120-D & (X) LQSE-2HDC-D
DIN POWER MODULES
65.00"(H) X 15.875"(W) X 3.936"(D)
(1651mm X 403mm X 100mm)
LOCATION TBD

PD8-65A-120L3-15
120/240V~, 1 PHASE, 3 WIRE DIN BREAKER PANEL
50/60 Hz, WITH (8) 15A AFCI BREAKERS
HOLDS (X) LQSE-4A-120-D, (X) LQSE-4A1-D,
(X) LQSE-4S8-120-D, (X) LQSE-4T5-120-D,
(X) LQSE-4M-120-D & (X) LQSE-2HDC-D
DIN POWER MODULES
65.00"(H) X 15.875"(W) X 3.936"(D)
(1651mm X 403mm X 100mm)
LOCATION TBD

PD8-65A-120L4-20
120/208V~, 3 PHASE, 4 WIRE DIN BREAKER PANEL
50/60 Hz, WITH (8) 20A AFCI BREAKERS
HOLDS (X) LQSE-4A-120-D, (X) LQSE-4A1-D,
(X) LQSE-4S8-120-D, (X) LQSE-4T5-120-D,
& (X) LQSE-4M-120-D & (X) LQSE-2HDC-D
DIN POWER MODULES
65.00"(H) X 15.875"(W) X 3.936"(D)
(1651mm X 403mm X 100mm)
LOCATION TBD

PD8-65A-120L4-15
120/208V~, 3 PHASE, 4 WIRE DIN BREAKER PANEL
50/60 Hz, WITH (8) 15A AFCI BREAKERS
HOLDS (X) LQSE-4A-120-D, (X) LQSE-4A1-D,
(X) LQSE-4S8-120-D, (X) LQSE-4T5-120-D,
(X) LQSE-4M-120-D & (X) LQSE-2HDC-D
DIN POWER MODULES
65.00"(H) X 15.875"(W) X 3.936"(D)
(1651mm X 403mm X 100mm)
LOCATION TBD

DIN RETROFIT SUBPLATE FOR REMOTE POWER PANELS

120V, NORMAL CIRCUITS

PD8-PNL-8-SUB
120V~ 50/60 Hz
DIN SUBPLATE FOR HOMEWORKS
REMOTE POWER PANELS
(HWI-PNL-8, HWAP-8D, HWBP-8D)
UP TO (8) DIN POWER MODULES
& (1) WIRE LANDING BOARD
SUBPLATE DIMENSIONS:
43.0" (H) x 9.1875" (W) x 1.125" (D)
(1092mm x 233mm x 29mm)
LOCATION TBD

120V, NORMAL CIRCUITS

HWR-PD-8-120FT
120V~ 50/60 Hz
DIN SUBPLATE FOR LITETOUCH ENCLOSURES
UP TO (8) DIN POWER MODULES
& (1) WIRE LANDING BOARD
SUBPLATE DIMENSIONS:
35.5" (H) x 14.36" (W) x 1.934" (D)
(902mm x 365mm x 49mm)
LOCATION TBD

SUNNATA LOCAL CONTROLS

HRST-PRO-N-XX
HOMEWORKS PRO LED+ RF DIMMER
120V~, LED/CFL/INC/HAL/MLV/ELV
OR MIXED BULB CONFIGURATION
NEUTRAL REQUIRED
SHOWN WITH CLARO WALLPLATE
(1 GANG US BACKBOX BY OTHERS)
LOCATION TBD

HRST-RD-XX
HOMEWORKS COMPANION DIMMER
120V~, MAX OF 4 PER PRO LED+ RF DIMMER
SHOWN WITH CLARO WALLPLATE
(1 GANG US BACKBOX BY OTHERS)
LOCATION TBD

HRST-8ANS-XX
HOMEWORKS RF SWITCH
120V~, 8A FOR LIGHT, 5.8A FOR MOTOR
NEUTRAL REQUIRED
SHOWN WITH CLARO WALLPLATE
(1 GANG US BACKBOX BY OTHERS)
LOCATION TBD

HRST-RS-XX
HOMEWORKS COMPANION SWITCH
120V~, MAX OF 4 PER RF SWITCH
SHOWN WITH CLARO WALLPLATE
(1 GANG US BACKBOX BY OTHERS)
LOCATION TBD

SUNNATA KEYPADS

HRST-W*
HOMEWORKS SUNNATA KEYPAD
120-277V~, 2-BUTTON KEYPAD
NEUTRAL REQUIRED
*PRODUCT TO BE CONFIGURED & ORDERED
BY LUTRON-CERTIFIED DEALER
SHOWN WITH CLARO WALLPLATE
(1 GANG US BACKBOX BY OTHERS)
LOCATION TBD

HRST-W*
HOMEWORKS SUNNATA KEYPAD
120-277V~, 3-BUTTON RAISE/LOWER KEYPAD
NEUTRAL REQUIRED
*PRODUCT TO BE CONFIGURED & ORDERED
BY LUTRON-CERTIFIED DEALER
SHOWN WITH CLARO WALLPLATE
(1 GANG US BACKBOX BY OTHERS)
LOCATION TBD

HRST-W*
HOMEWORKS SUNNATA KEYPAD
120-277V~, 4-BUTTON KEYPAD
NEUTRAL REQUIRED
*PRODUCT TO BE CONFIGURED & ORDERED
BY LUTRON-CERTIFIED DEALER
SHOWN WITH CLARO WALLPLATE
(1 GANG US BACKBOX BY OTHERS)
LOCATION TBD

SUNNATA HYBRID KEYPADS

HRST-HN-XX
HOMEWORKS SUNNATA CONFIGURED
HYBRID KEYPAD
120-277V~, 2-BUTTON KEYPAD
NEUTRAL REQUIRED
SHOWN WITH CLARO WALLPLATE
(1 GANG US BACKBOX BY OTHERS)
LOCATION TBD

HRST-HN-XX
HOMEWORKS SUNNATA CONFIGURED
HYBRID KEYPAD
120-277V~, 3-BUTTON RAISE/LOWER KEYPAD
NEUTRAL REQUIRED
SHOWN WITH CLARO WALLPLATE
(1 GANG US BACKBOX BY OTHERS)
LOCATION TBD

HRST-HN-XX
HOMEWORKS SUNNATA CONFIGURED
HYBRID KEYPAD
120-277V~, 4-BUTTON KEYPAD
NEUTRAL REQUIRED
SHOWN WITH CLARO WALLPLATE
(1 GANG US BACKBOX BY OTHERS)
LOCATION TBD

KETRA EQUIPMENT

HQP7-RF
CLEAR CONNECT GATEWAY - TYPE X
COMMUNICATES WIRELESSLY
THROUGH A 2.4GHZ MESH NETWORK
72'[21.95m] RADIUS RF COVERAGE
4.04"[102.6mm] (DIA) X 1.17"[29.7mm] (D)
LOCATION TBD

HW-D3XXXXXXGTXXXXXNCICXSP
120/277V~, 60Hz
KETRA D3 SERIES DOWNLIGHT
WITH TRIM MODEL:
UN-D3TXXXXXXX
LOCATION TBD

HW-D4RFXRDXXXXGTXX11XXXXXXXXSP
120V~, 60Hz
KETRA RETROFIT DOWNLIGHT
LOCATION TBD

HW-TAS30XXGTXX11G24XXXXXXXX
120V~, 60Hz
KETRA S SERIES PAR30 TRACK LIGHT
WITH ACCESSORY TBD
LOCATION TBD

HW-TAS38XXGTXX11G24XXXXXXXX
120V~, 60Hz
KETRA S SERIES PAR38 TRACK LIGHT
WITH ACCESSORY TBD
LOCATION TBD

HW-S30XXGTXX11E26XX
120V~, 60Hz
KETRA S SERIES PAR30 LAMP
LOCATION TBD

HW-S38XXGTXX11E26XX
120V~, 60Hz
KETRA S SERIES PAR38 LAMP
LOCATION TBD

HW-A20XXGTXX11E26XX
120V~, 60Hz
KETRA A SERIES LAMP
LOCATION TBD

HW-X96-X-J2
120/277V~, 60Hz
X96 KETRA CONTROLLER
17-21V LOW VOLTAGE OUTPUT
TO LINEAR LUMINAIRES
REQUIRES CONNECTION TO CLEAR
CONNECT - TYPE X GATEWAY
*SEE SPEC SHEET FOR DESIGN RULES
5.0"(H) X 5.0"(W) X 1.3"(D)
(127mm X 127mm X 33mm)
LOCATION TBD

HW-LS0XXXXXXXXX
17-21V KETRA LIGHTBAR SLIM
LOW-PROFILE LINEAR ACCENT
LOCATION TBD

HW-N3LTX16XXXBK
120V-277V ~, 60Hz
N3 SATELLITE WITH (1) OUTPUT TO
KETRA LINEAR LUMINAIRES
LOCATION TBD

HW-G212XXGTXXXXXAWH
120/277V~, 60Hz
KETRA G2 HIGH OUTPUT
LINEAR ACCENT
LOCATION TBD

WIRING LEGEND:

- □ INPUT POWER (NORMAL)
- ● 2 #12AWG (4 mm^2)
- [E] CAT5E OR BETTER CABLE FOR LUTRON NETWORK TERMINATED WITH RJ45 CONNECTORS (TO BE PROVIDED BY OTHERS). 328 ft (100 m) MAXIMUM RUN.
- [E⚡] POWER OVER ETHERNET (POE) ETHERNET LINK. CAT5E OR BETTER CABLE FOR LUTRON NETWORK TERMINATED WITH RJ45 CONNECTORS. 328 ft (100 m) MAXIMUM RUN
- 2-WAY CLEAR CONNECT - TYPE X WIRELESS SIGNAL

Drawn By: MDB
Drawing Date: Q1 2023
Sheet: 1 of 3

LUTRON
Lutron Electronics Co., Inc.
7200 Suter Road | Coopersburg, PA 18036 | USA
(610) 282-3800 | fax: (610) 282-1146