



Catalog Number	
Notes	Type

Lighting Control System

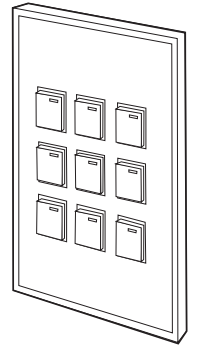
SYRS EXTDS

Digital Distributed Load Control, Dual Switched Output

FEATURES

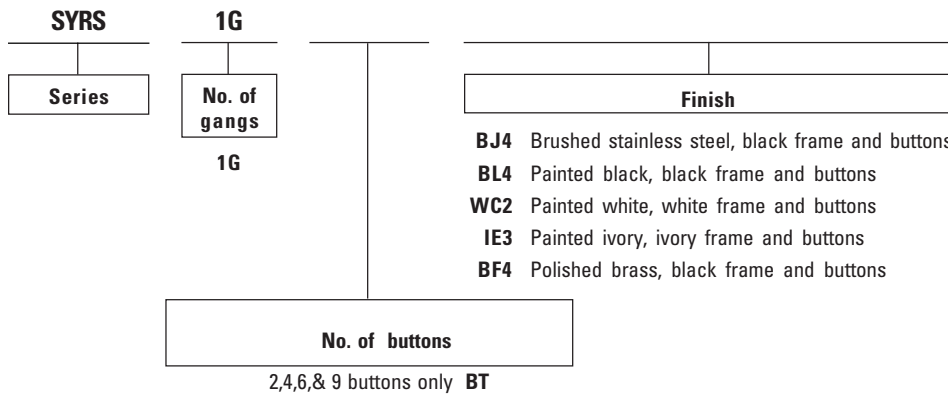
The SYRS EXTDS remote stations are distributed controllers capable of stand-alone, or networked operation. The SYRS EXTDS provide two step dimming or two zone control. The clean styling is ideal for high-finish areas. For networked applications stations are connected to the Synergy lighting control system controller via a four-conductor network bus.

- Single gang
- SYRS EXTDS available in 2,4,6,& 9 button stations
- Preset, on/off operation
- Distributed controller with external inputs and outputs
- Compatible with Lutron Occupancy Sensors
- Compatible with LSA APS and DEQ APS photocells (consult factory).
- LPCS provides power to SYRS, Lutron occupancy sensor and photocell
- Stand-alone or network (requires SYSC MLS or MLX) mode of operation
- Microtravel switch action
- Optional custom engraving
- No exposed fasteners
- Metallic and painted finishes
- Low profile
- Specification grade
- **REQUIRES GROUNDED BACK BOX**
- Easily accessible address and setup switches



ORDERING INFORMATION

Choose the boldface catalog nomenclature that best suits your needs and write it on the appropriate line. Order accessories as separate catalog number.



Example: **SYRS 1G 4BT BJ4 EXTDS**

Options
EXTDS External input/output. Two switched outputs, one occupancy sensor input and one photocell input (network only). 2,4,6,&9 button stations only

Accessories

Order as separate items.

SYRS 1GR	Plaster ring, mounts to 4" box (by others)
BKLE 10P	Engraved button caps, 10 pack
SYA CABLE A4	Plenum rated network cable.
LPCS MVOLT	Required to switch lighting load. Two required for SYRS EXTDS
LPCS 347	Required to switch lighting load. Two required for SYRS EXTDS

SYRS EXTDS Lighting Control System

SPECIFICATIONS

FUNCTIONAL

- Push button switches are configurable for *on/off* (alternate action), *on only (preset)*, pairs of buttons for *on* and *off* or *raise/lower* dimming functions based on stand-alone or network use.
- LED indicates load status.

CAPACITIES

- 2, 4, 6 or 9 buttons with EXTDS option.

ELECTRICAL

- Pilot current draw: 2ma at 24VDC
- Operating voltages: 24VDC, low-voltage Class 2.
- Network wiring connections: (1) EIA-485 approved cable for data signal and (2) #16 AWG Class 2 conductors for power. Acceptable cables are: (1) Synergy Lighting Controls SYA CABLE A4 (includes all necessary conductors) or (1) Belden 3105A or Synergy Lighting Controls SY CABLE S2 plus (2) #16 AWG conductors. The network must be run in a daisy chain configuration, no T Taps or star configurations are permitted.

MECHANICAL

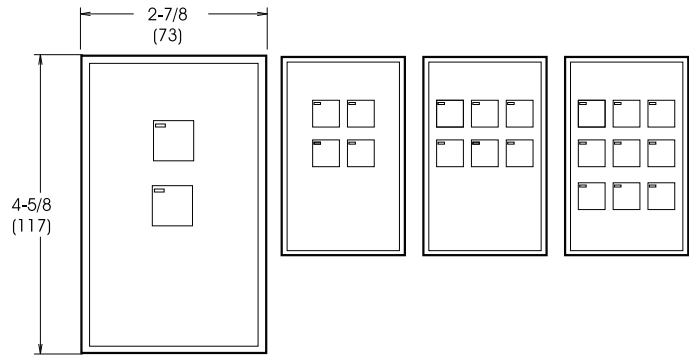
- Mounts to Synergy Lighting Controls SYRS 1GR or Steel City 52C13 one gang plaster ring attached to a **grounded** 4" square, 2-1/2" deep outlet box or to a **grounded** Synergy Lighting Controls SQRS 1GB or Steel City GW-125-G one gang masonry box (1-7/8" minimum inside width, 2-1/2" minimum inside depth). Use of tile rings, shallow, narrow or ungrounded boxes can damage system.
- Faceplate held to frame by magnetic strips.

INPUTS

- One 0-10 VDC analog input per unit. Can be used with the LSA APS or DCQ ADS photocell accessory to provide ambient light level feedback in daylight applications.
- One external switched input per unit. Can be used with Litrionic occupancy sensor heads to provide automatic ON/OFF control based on room occupancy. Can be configured for manual ON/automatic OFF or automatic ON/OFF.

DIMENSIONS

All dimensions are inches (millimeters).



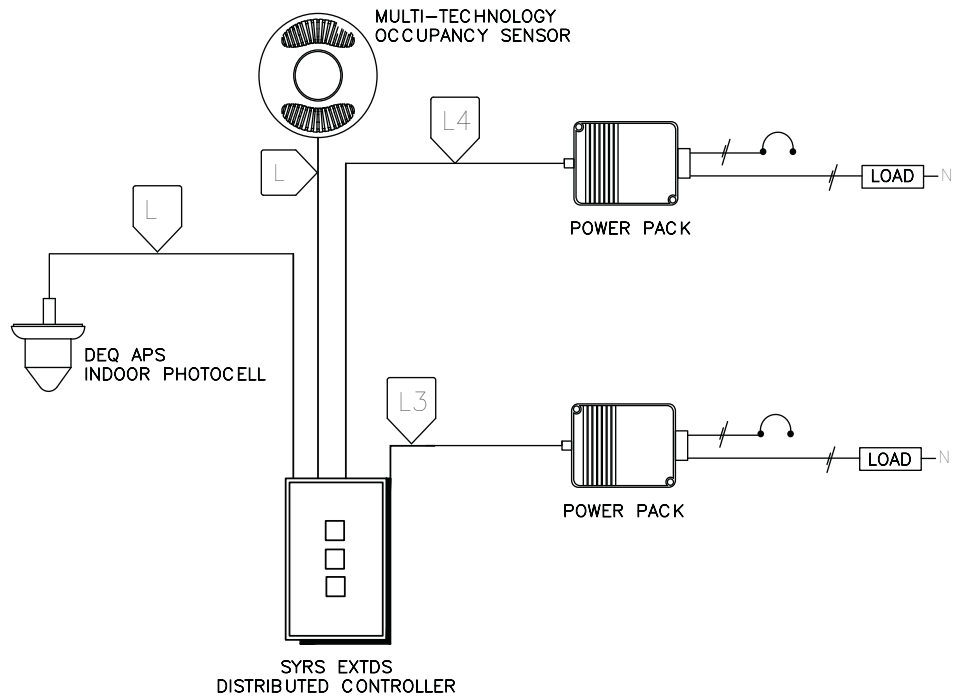
OUTPUTS

- Two switched output signals per unit. Can be used with two LPCC remote relay power pack sto provide line voltage ON/OFF control of lighting.

ENGRAVED BUTTON CAPS

- Characters are upper case block normal. Maximum two lines per switch, seven characters per line.
- Characters are backfilled with a contrasting color.

WIRING DIAGRAM



*EXTDS station requires a #18 AWG common wire to POWER PACK.