

FLEX 4

LIGHTING

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Flow Control

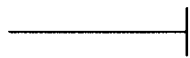
***America Cable
Systems***

260 Duchaine Blvd.
New Bedford, MA 02745
(508) 998-8277 • (800) 426-3170
Fax: (508) 998-7720
www.afcweb.com/acs

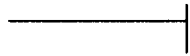
LEGEND

SYMBOL

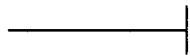
COMPONENTS



DISTRIBUTION CABLE



LIGHTING CABLE



EXTENDER CABLE



WHIP END LIGHTING CABLE



WHIP END EXTENDER CABLE



SWITCH MODULE



SPLITTER

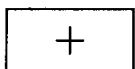


TERMINATOR



JUNCTION BOX— SUPPLIED BY E.C.

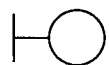
FIXTURES



2' X 4' FLUORESCENT



2' X 4' FLUORESCENT NIGHTLIGHT



WALL MOUNTED



CEILING MOUNTED



EXIT SIGN

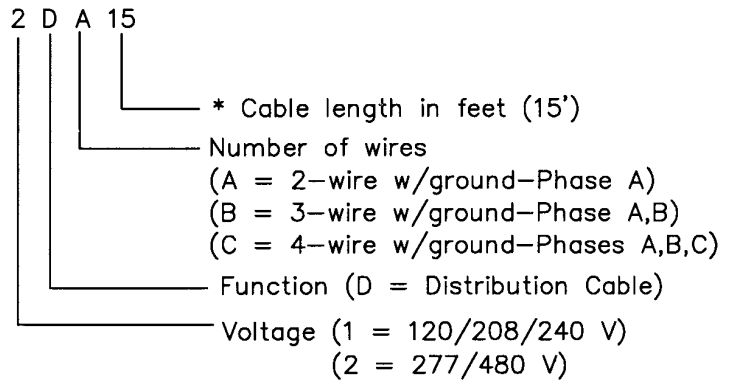
DISTRIBUTION CABLE



Description

The Distribution Cable functions as the starting point from which all the other system components are connected.

Example



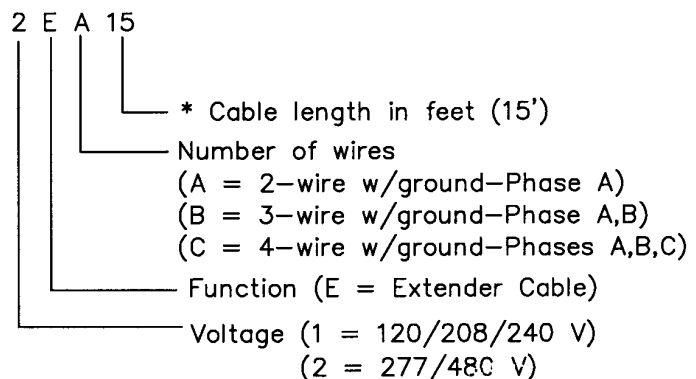
EXTENDER CABLE



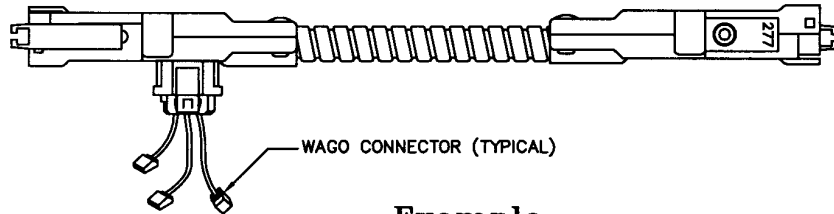
Description

The Extender Cable is used primarily to carry branch circuit power. It can also be used to extend the length of other cables.

Example



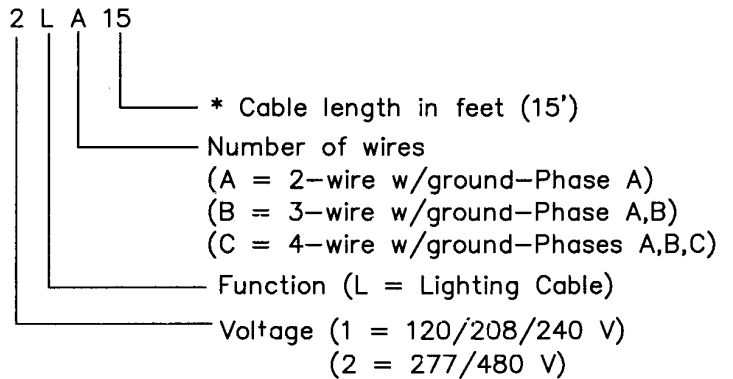
LIGHTING CABLE



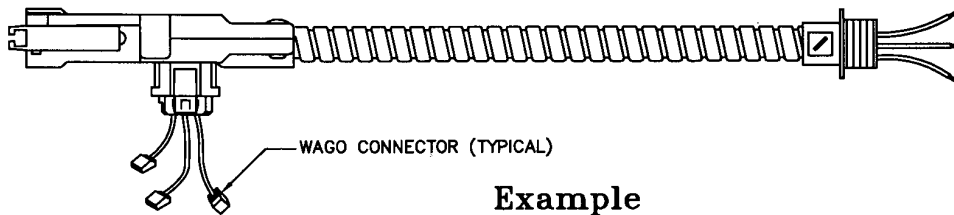
Description

The Lighting Cable delivers locally or panel-controlled branch power to a lighting fixture in an accessible ceiling.

Example



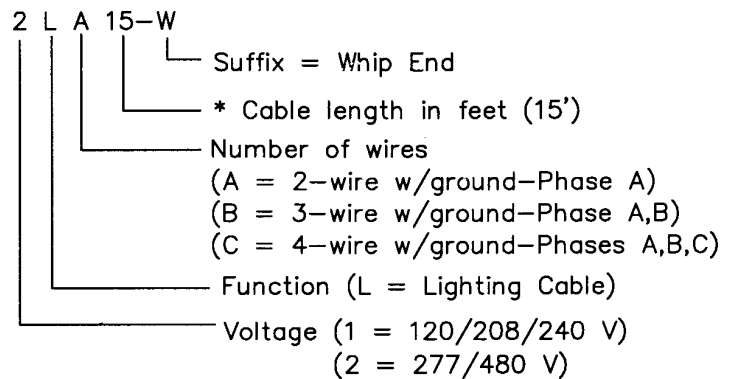
WHIP END LIGHTING CABLE



Description

The Whip End Lighting Cable is used to deliver locally or panel controlled branch circuit power from a lighting fixture in an accessible ceiling to a non-accessible ceiling area.

Example



WHIP END EXTENDER CABLE



Description

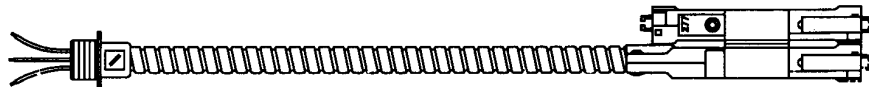
The Whip End Extender Cable is used to carry branch circuit power from any "power out" tap to a non-accessible area.

Example

2 E A 15-W

- Suffix = Whip End
- * Cable length in feet (15')
- Number of wires
 - (A = 2-wire w/ground-Phase A)
 - (B = 3-wire w/ground-Phase A,B)
 - (C = 4-wire w/ground-Phases A,B,C)
- Function (E = Extender Cable)
- Voltage (1 = 120/208/240 V)
(2 = 277/480 V)

SWITCH MODULE



Description

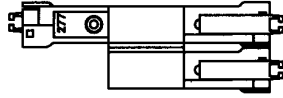
The Switch Module is designed to provide locally controlled switching of a room or other controlled area.

Example

2 S A 15

- * Cable length in feet (15')
- Number of wires
 - (A = 2-wire w/ground-Single ckt.-Single level)
 - (B = 3-wire w/ground-Single ckt.-Dual level)
 - (C = 4-wire w/ground-Dual ckt.)
- Function (S = Switch Module)
- Voltage (1 = 120/208/240 V)
(2 = 277/480 V)

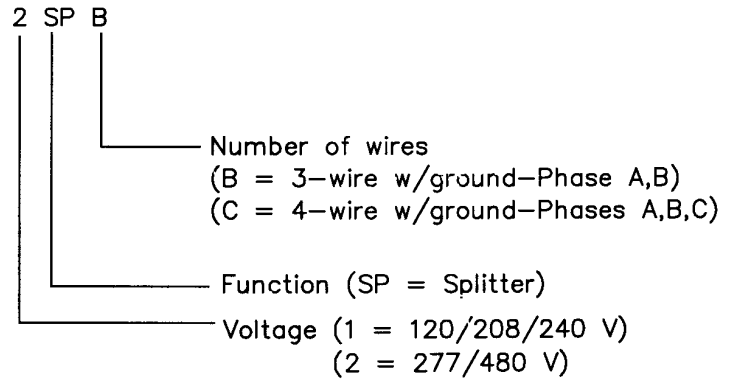
SPLITTER



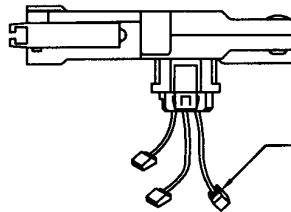
Description

The Splitter makes it possible to split a single cable run into two directions.

Example



TERMINATOR

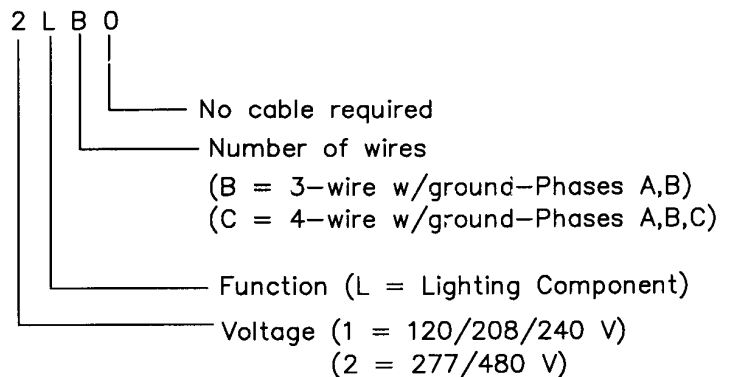


WAGO CONNECTOR (TYPICAL)

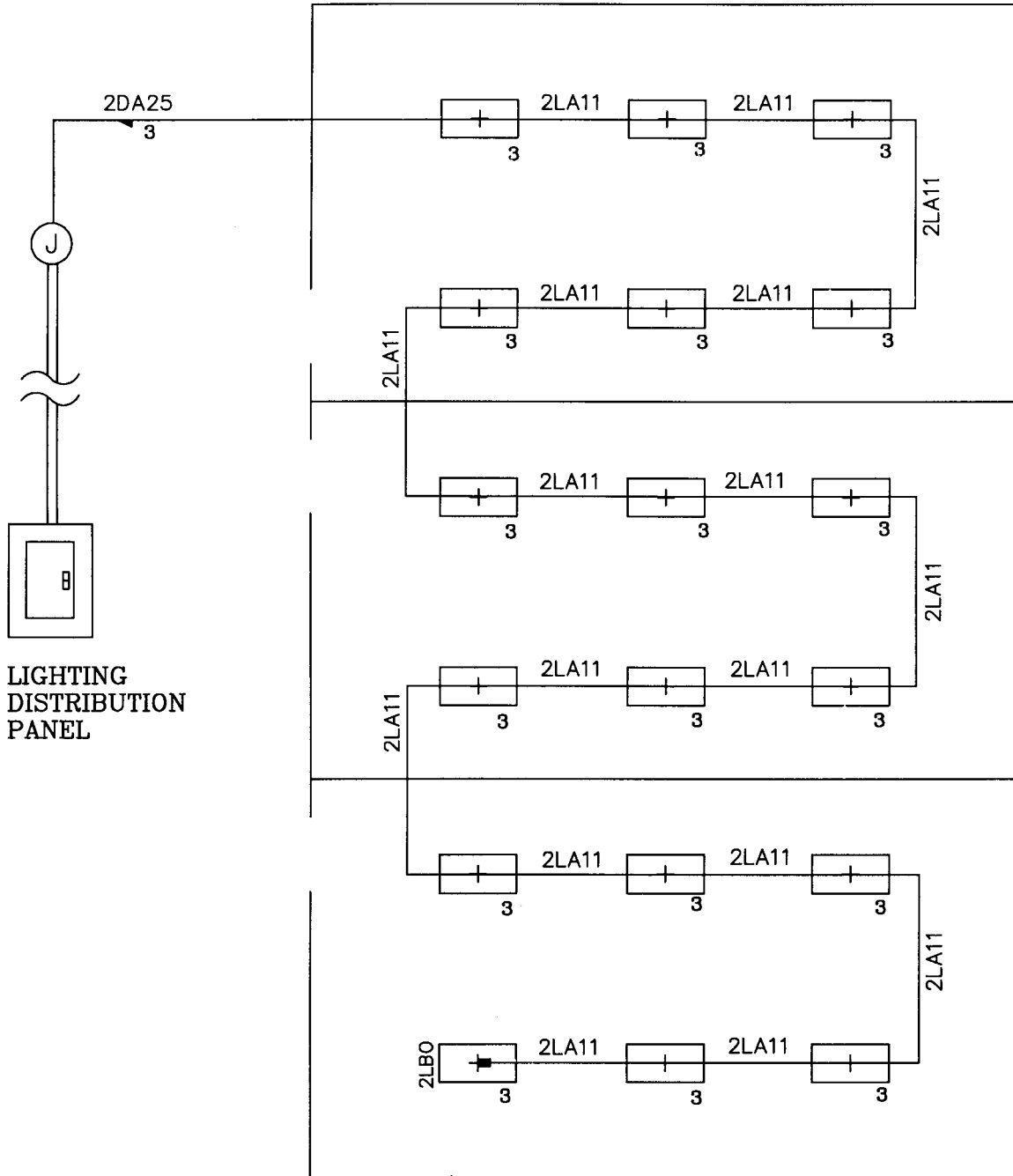
Description

The Terminator is designed to be used as the last lighting fixture of each cable run.

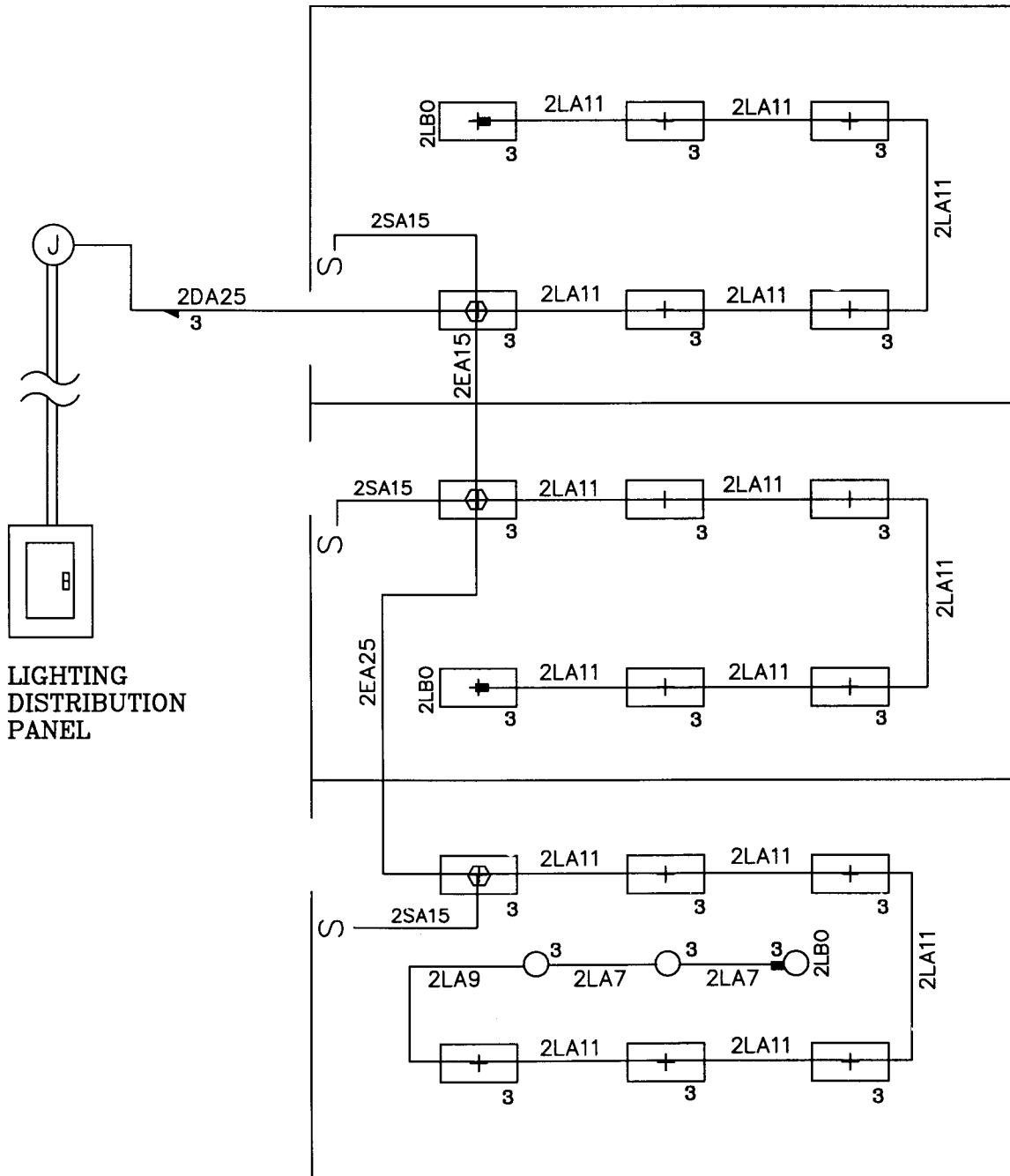
Example



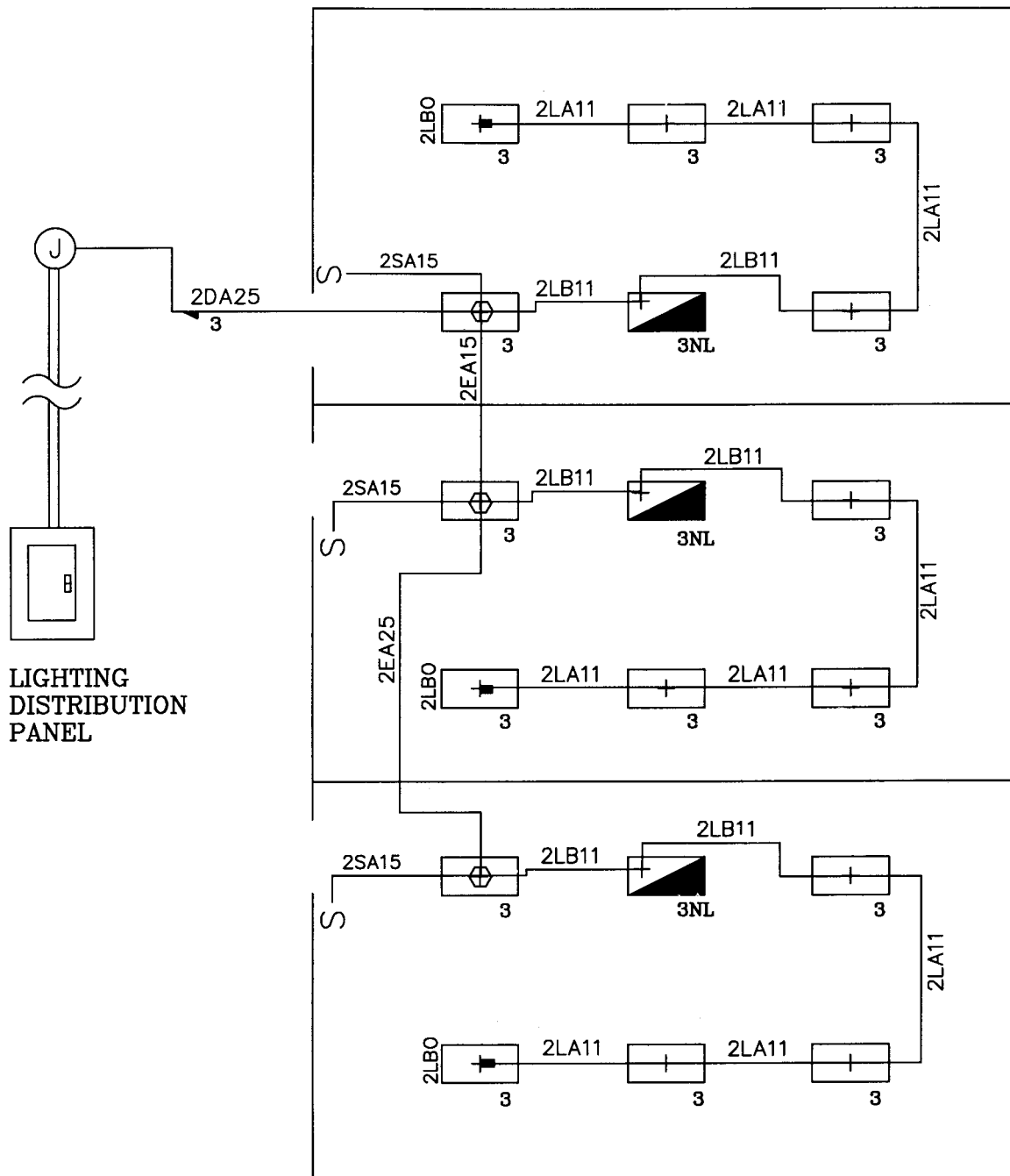
Single Circuit, Panel Switched



Single Circuit, Single Level, Local Switching

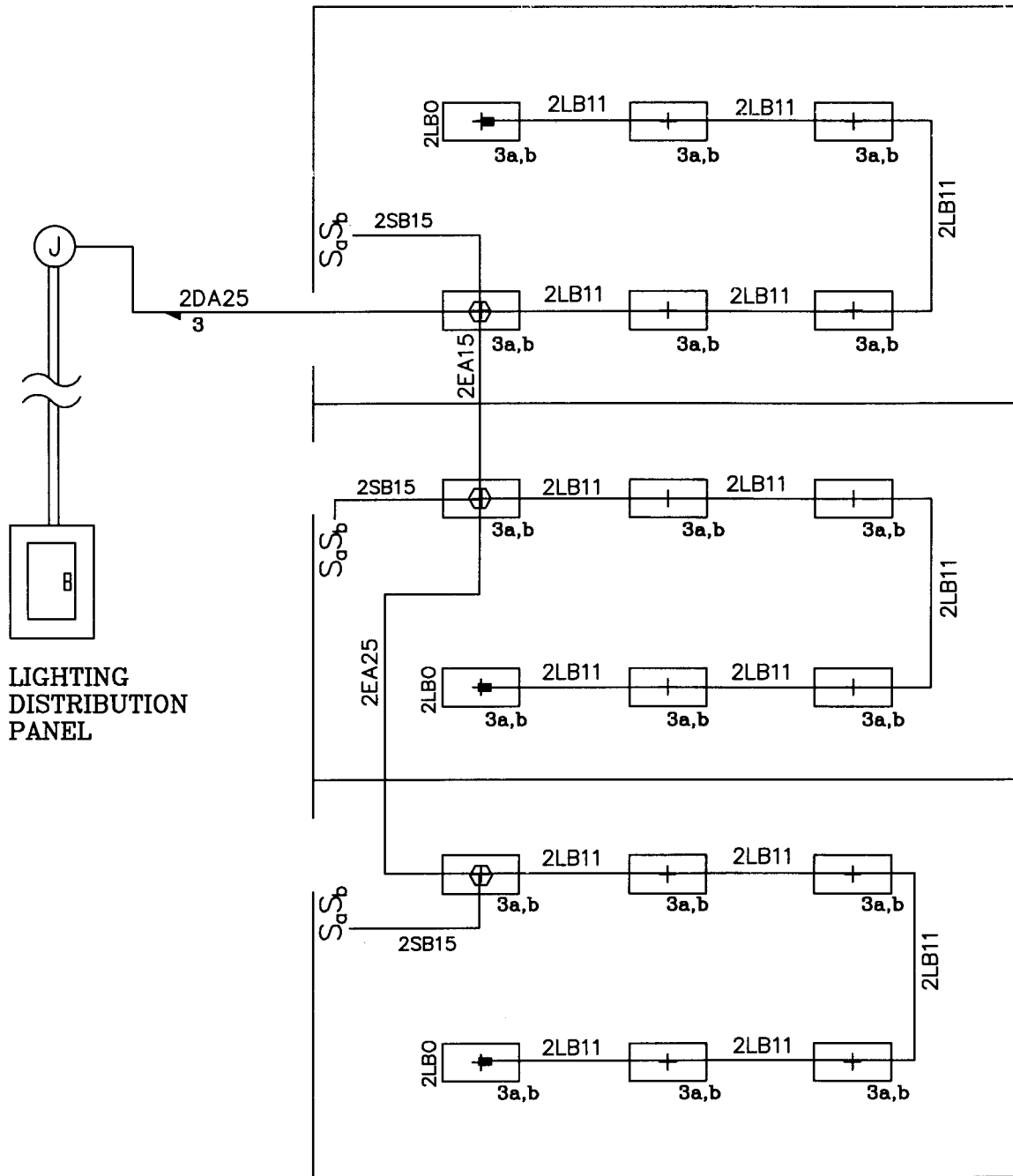


Single Circuit, Single Level, Local Switching with night light

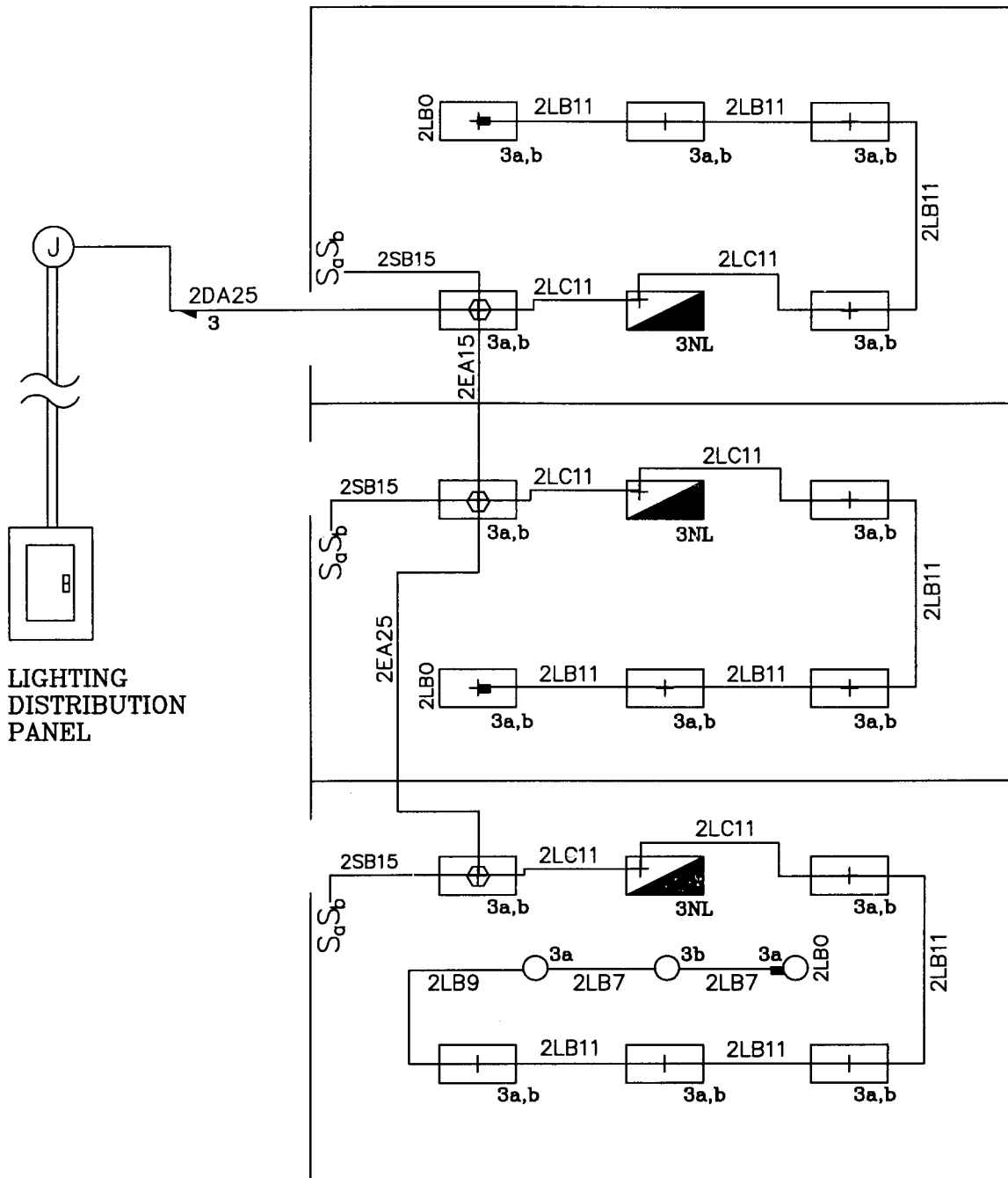


LIGHTING
DISTRIBUTION
PANEL

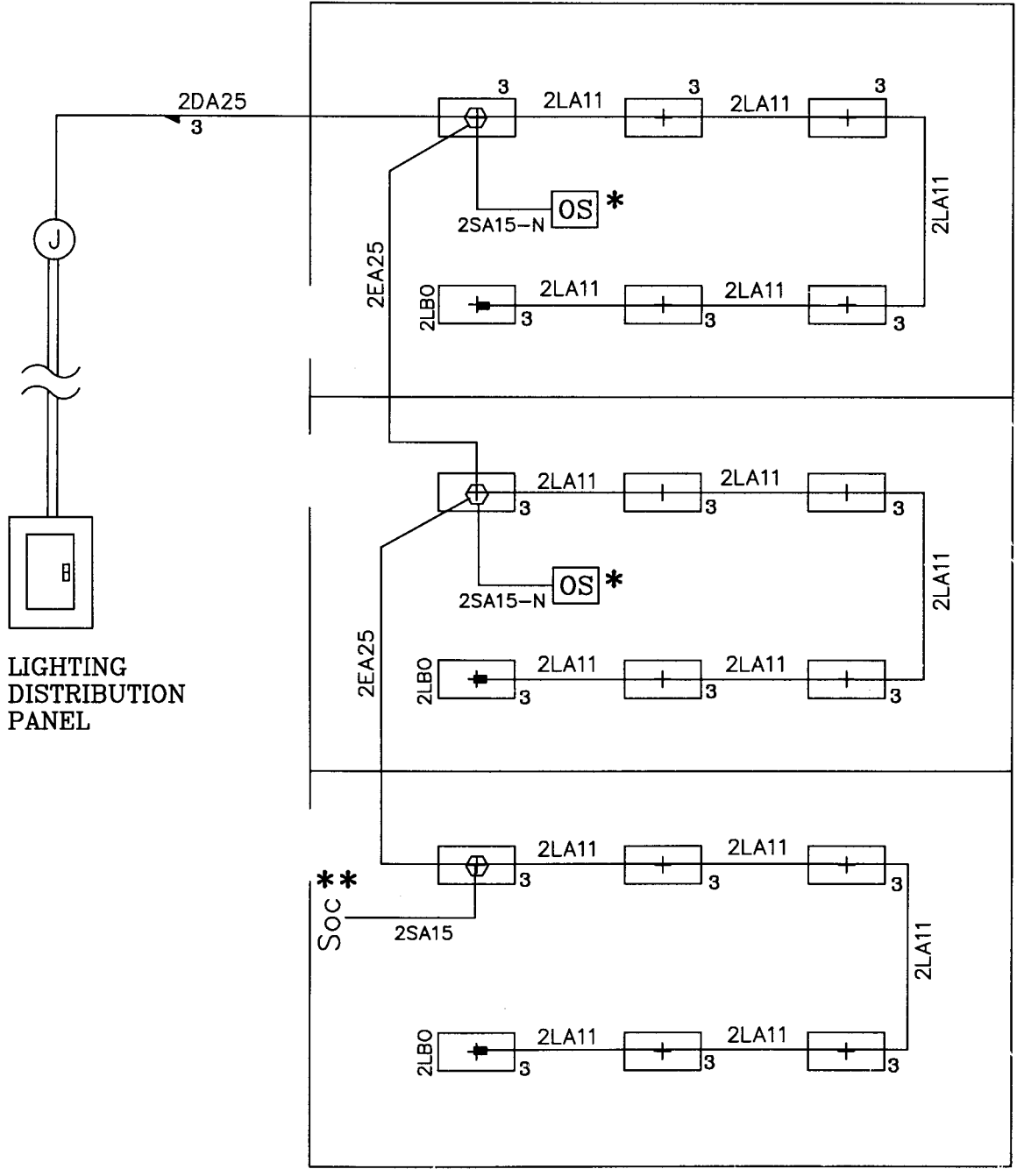
Single Circuit, Dual Level, Local Switching



Single Circuit, Dual Level, Local Switching with night light

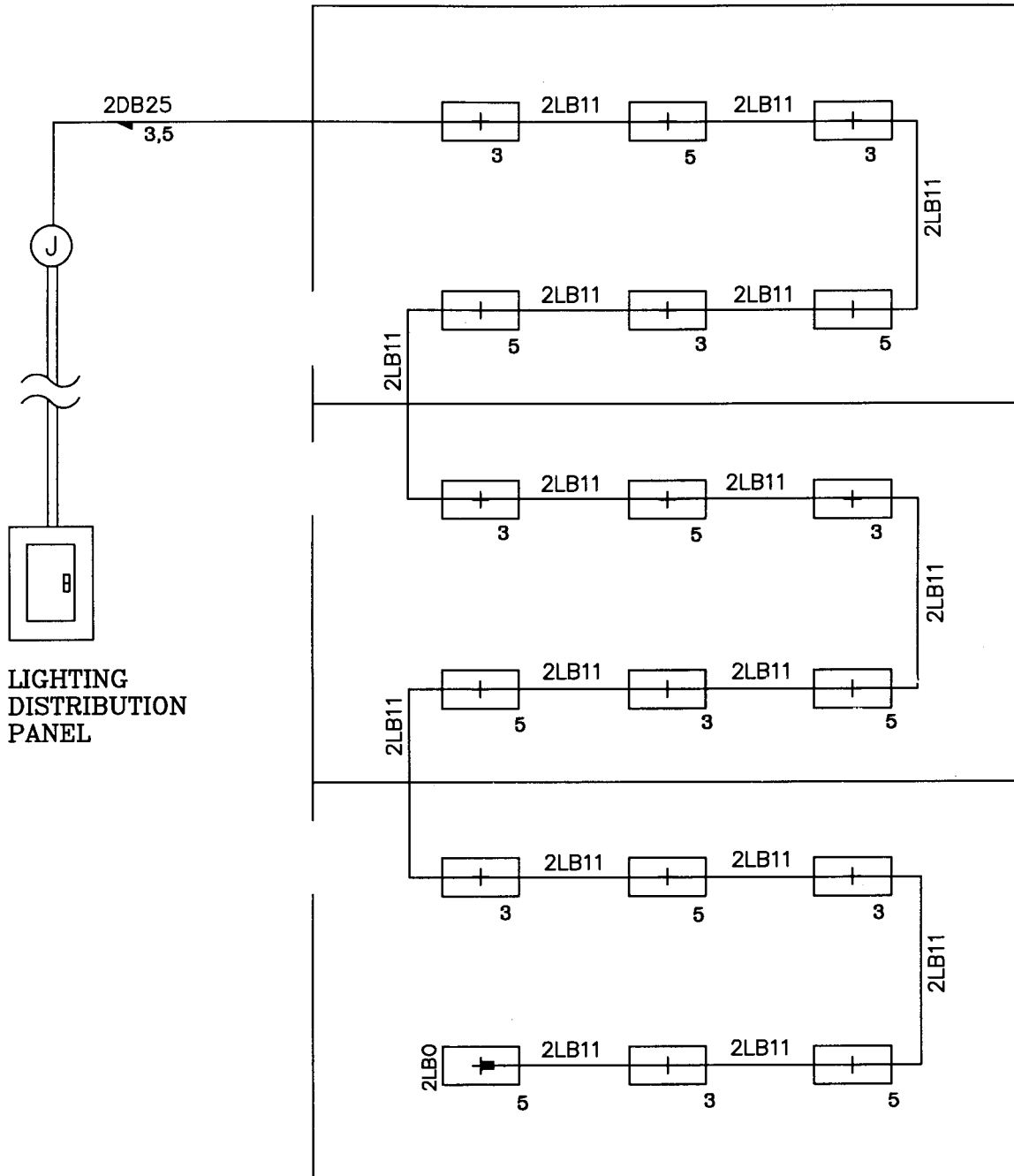


Single Circuit, Ceiling & Wall Mounted Occupancy Sensors

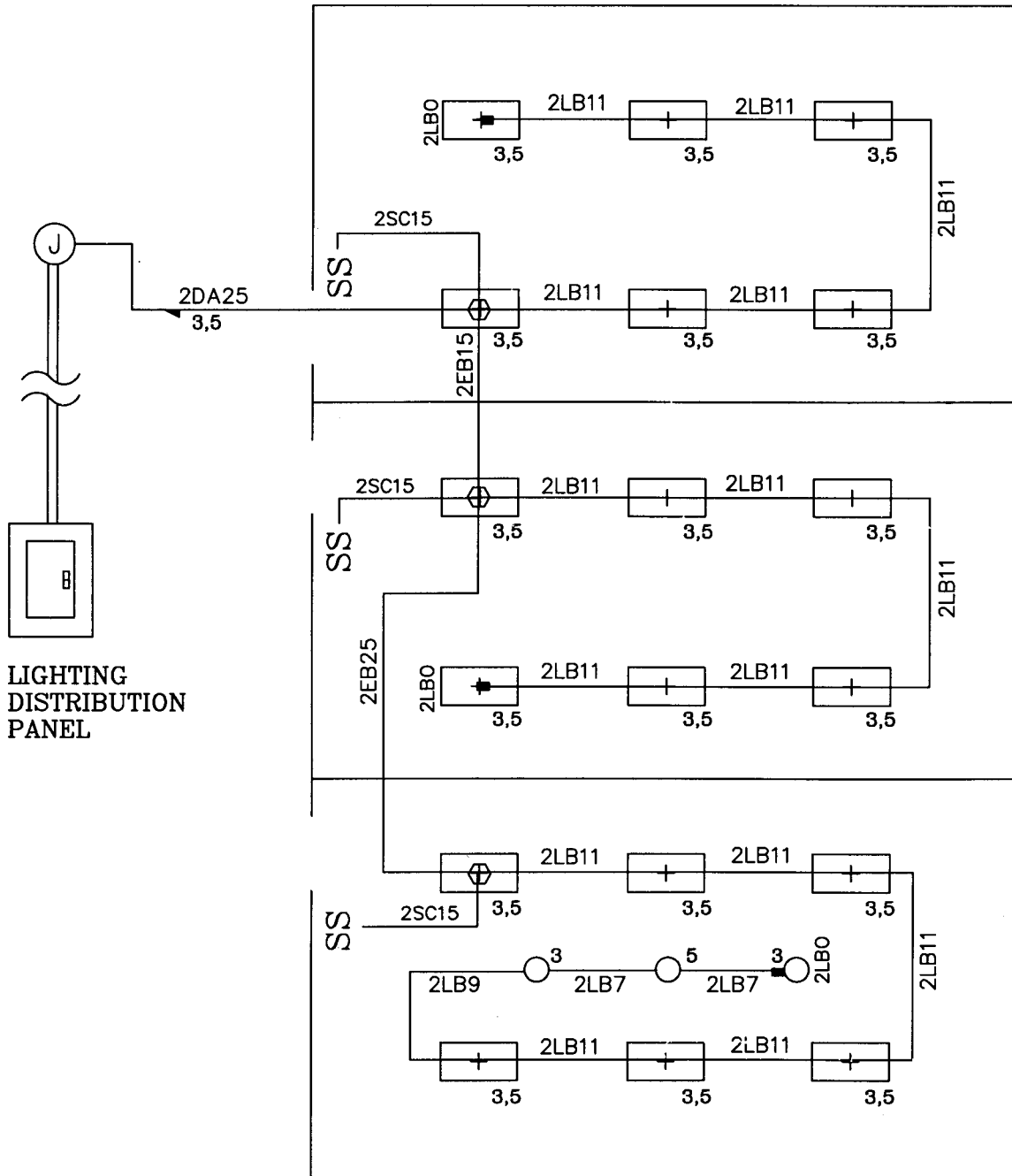


- * OCCUPANCY SENSOR (CEILING MOUNTED)
- ** OCCUPANCY SENSOR (WALL MOUNTED)

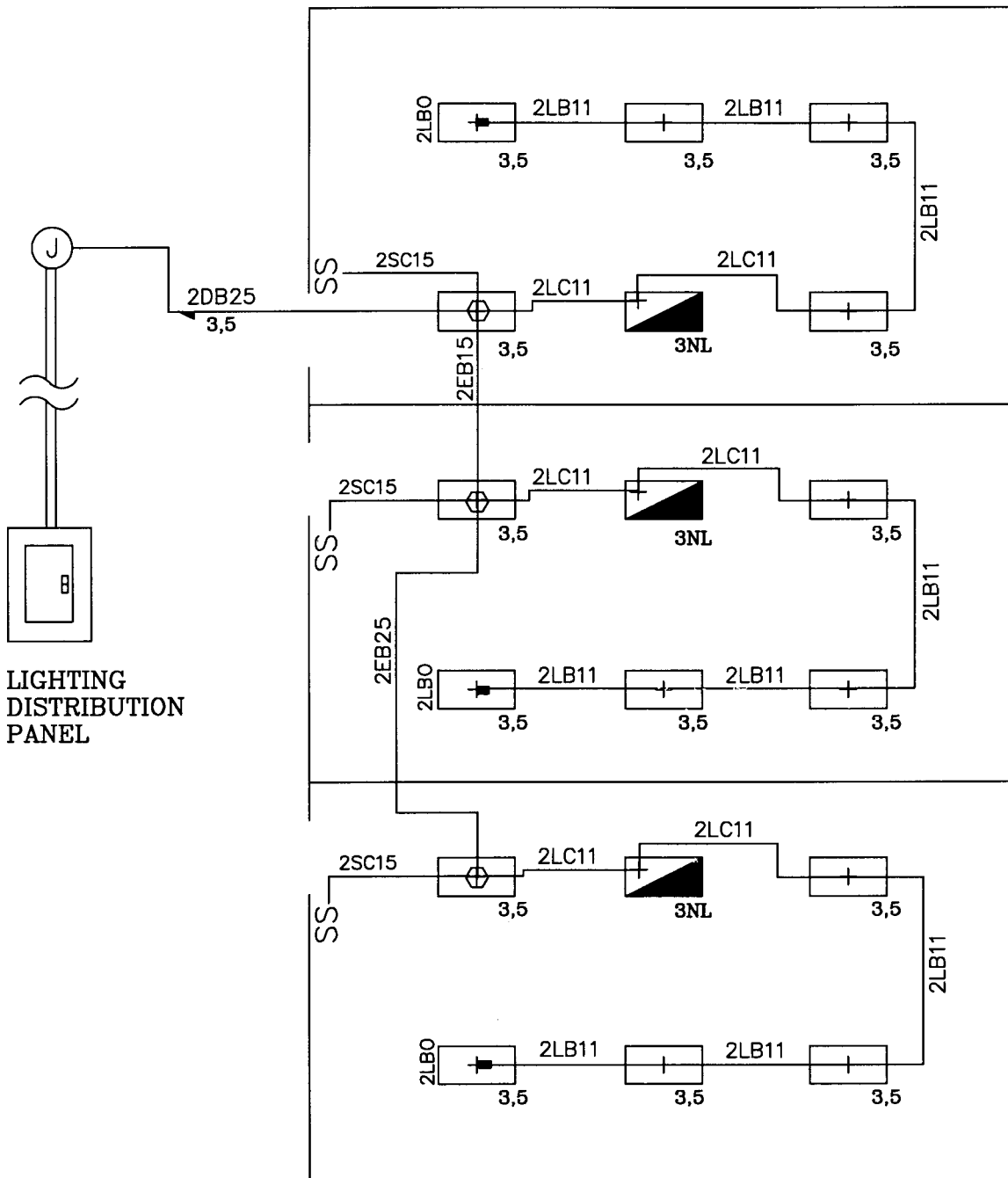
Dual Circuit, Panel Switched



Dual Circuit, Dual Level, Local Switching

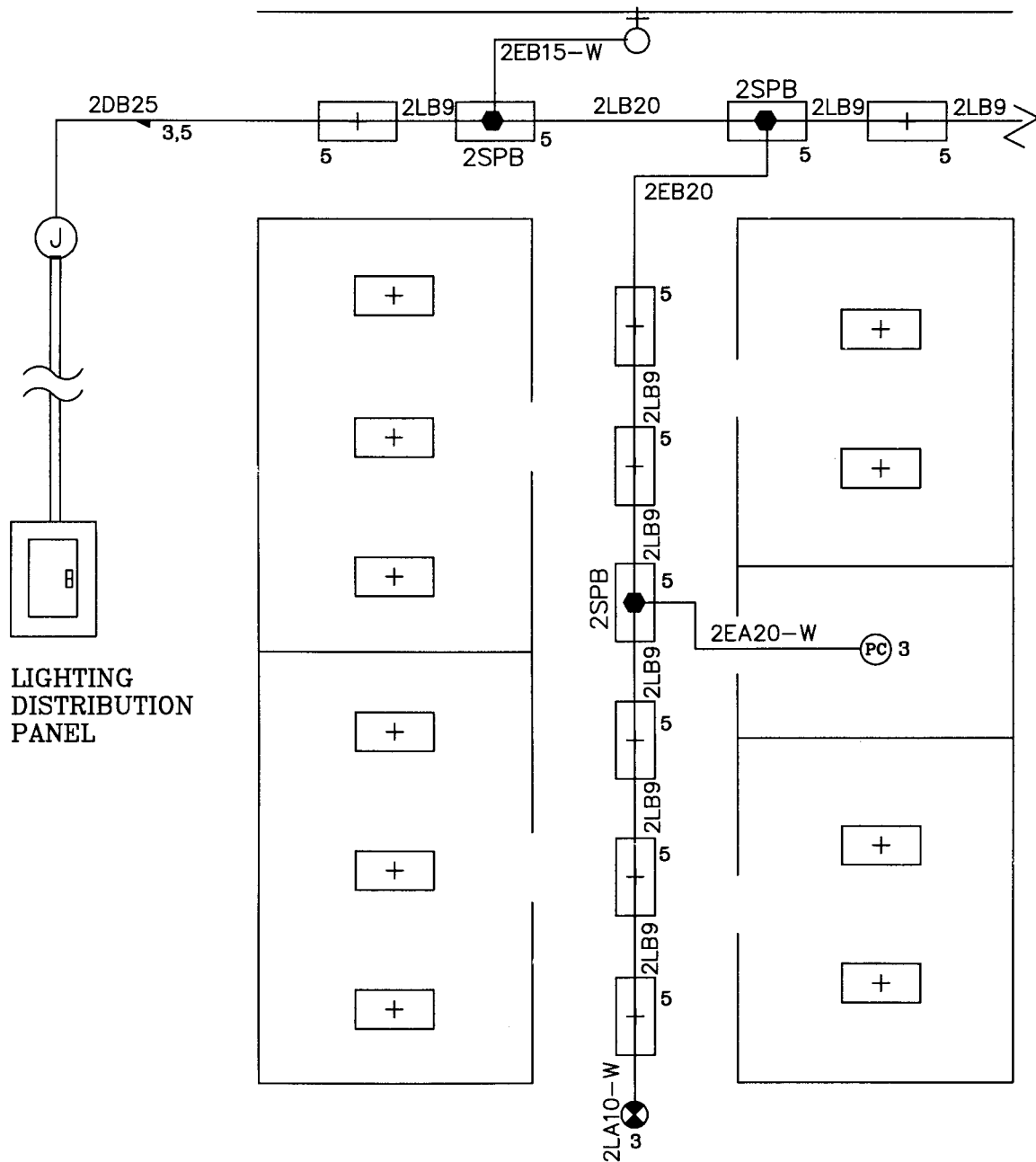


Dual Circuit, Dual Level, Local Switching with night light



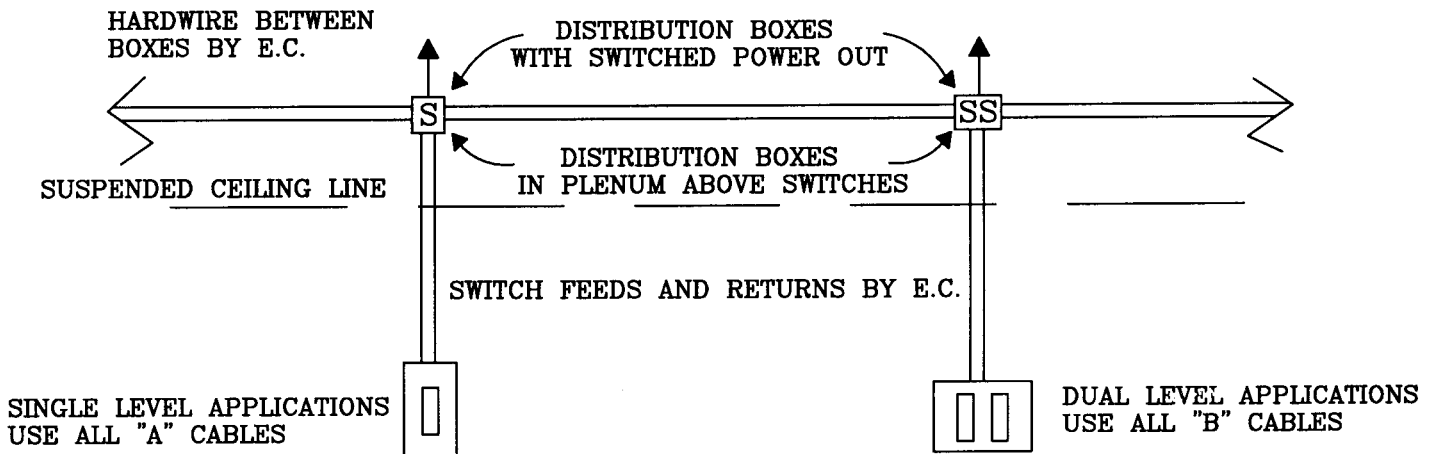
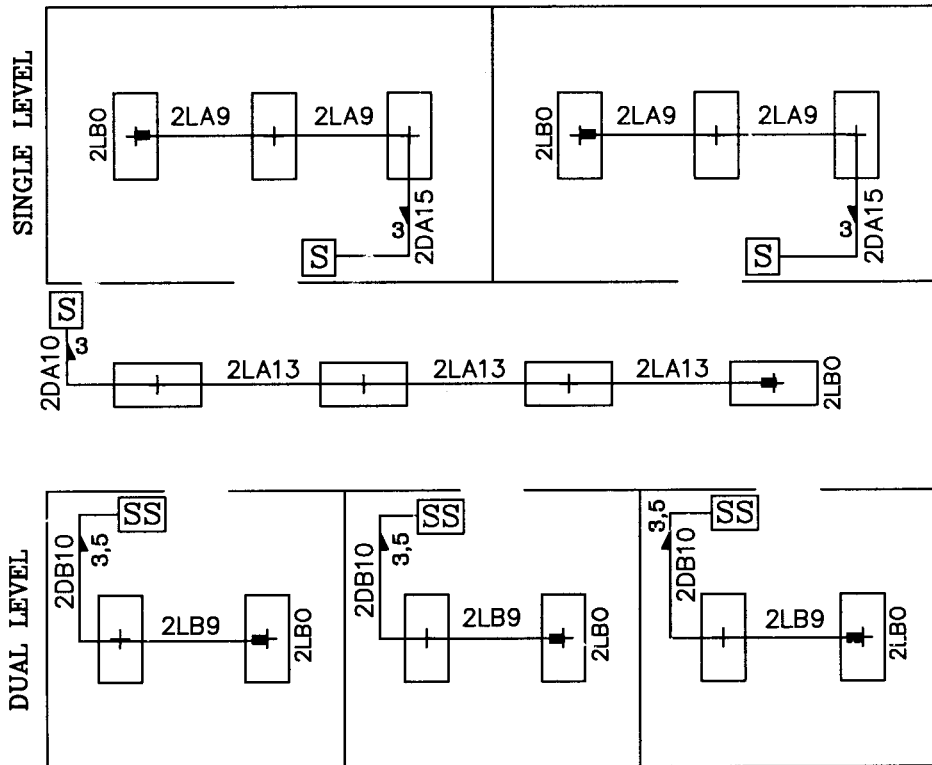
Dual Circuit, Splitter Application with Whip End Lighting Cable, Whip End Extender Cable

EXIT SIGN & CEILING/WALL MOUNTED LIGHT FIXTURES



Hardwired Switching

SINGLE AND DUAL LEVEL SWITCHING



Multiple Circuit & Switching Application, Pendant Mounted Fixtures.

