CABLING AND CONNECTOR CONSIDERATIONS

PLATFORMATICS™

level 3 **ACT**
IoT Gateway + Multiple Connect Systems

level 1 **CONNECT**
Software + Server

level 2 **ADVISE**
System Insight

LED Lights

Smart Phone Tablet or Computer (User Provided)

Ethernet Switch

Sensor

Node

Router

Wall Station

Dashboards, Alerts and Reports

WIRING KEY

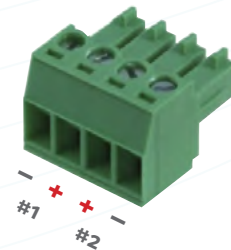|			
	18-20 Gauge Wire		110 AC Power Input
	CAT Cable		Network
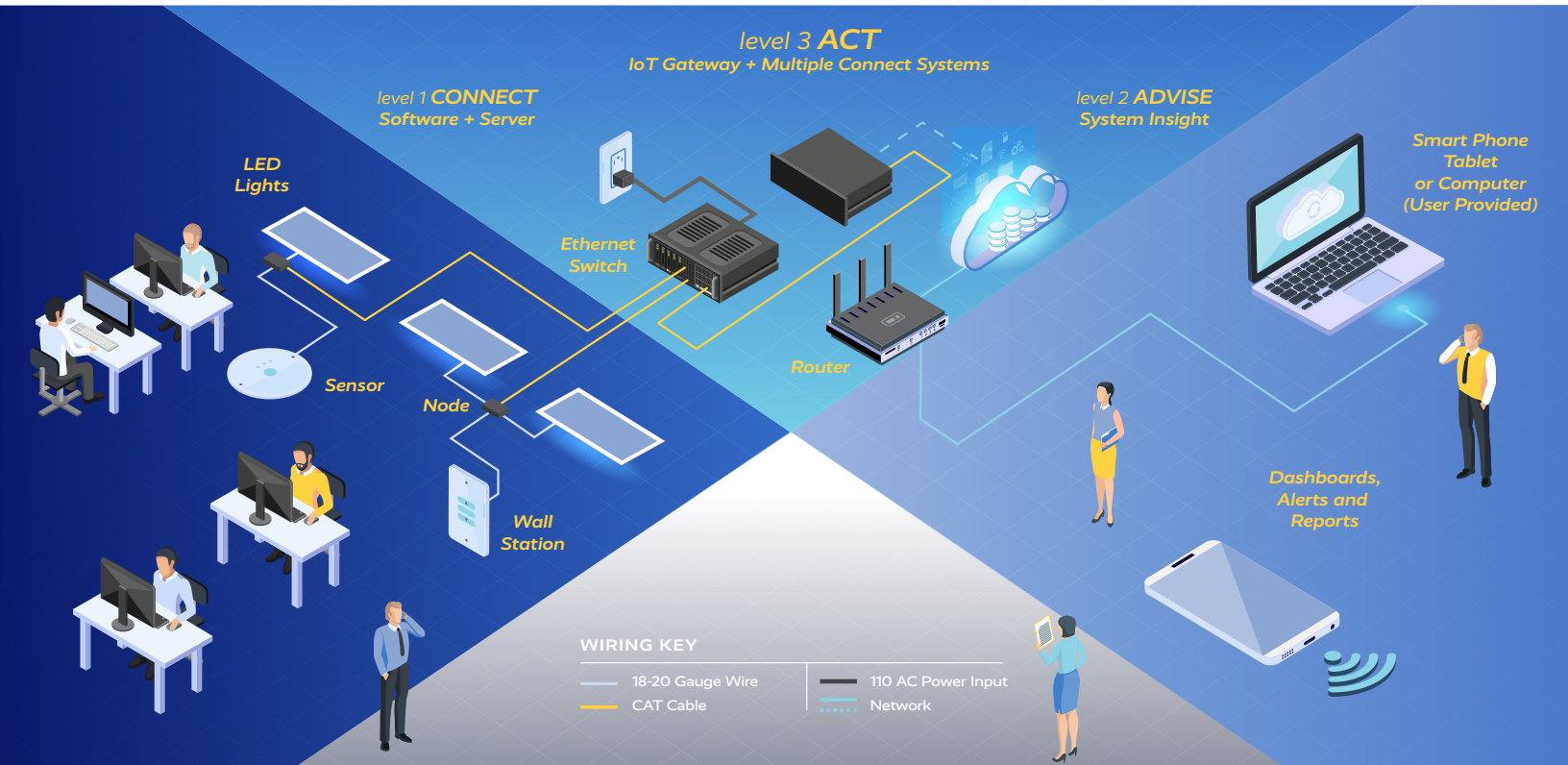
CONNECTOR CONSIDERATIONS

PLUGGABLE SCREW TERMINAL BLOCK

Pitch	0.150" (3.81mm)
Screw Size:	M2
Dimensions:	437" (11.1mm) H x .6" (15.24mm) W
Wire Strip Length:	6-7 mm
Current Rating:	10 A
Wire Gauge:	28 to 16 AWG (Will hold 2-18 AWG Wires)

FIELD INSTALLED CONNECTOR

#1 − + + − #2

LOW VOLTAGE WIRING CONSIDERATIONS

▸ **PERIPHERAL DEVICES** (i.e. Sensors, Wall Stations, Sensor Hub):
Can use 4-conductor, stranded 18-22 gauge wire. Recommended 4-conductor, 18-gauge wire.

▸ **STATIC WHITE LUMINAIRES** (i.e. Troffers, Downlights, Pendant, Linear):
Can use 2-conductor, 18-22 gauge wire. Recommended 2-conductor, 18-gauge wire.

▸ **TUNABLE WHITE LUMINAIRES:** Can use 4-conductor, 18-22 gauge wire.
Recommended 4-conductor, 18-gauge wire.

▸ **RGBW LUMINAIRES:** Can use 5-conductor, 18-22 gauge wire
(Common Positive, W, R, G, B).
Recommended 5-conductor, 18-gauge wire.

ETHERNET CABLE SPECIFICATIONS

Minimum LP rating of .6 or better
Minimum of Cat5e or better
Recommended 22-gauge 100W rated Ethernet cable

ordering information

PRODUCT
POE-ST-4P Plugable Screw Terminal Block, 4-Pin for luminaire and sensor hub I/O terminations
POE-ST-5P Plugable Screw Terminal Block, 5-Pin for peripheral P-bus terminations

Contact partner support for ordering coordination

MADE IN USA