

CORESINC FIELD TESTER KIT APPLICATIONS INSTRUCTIONS (USER GIUDE)



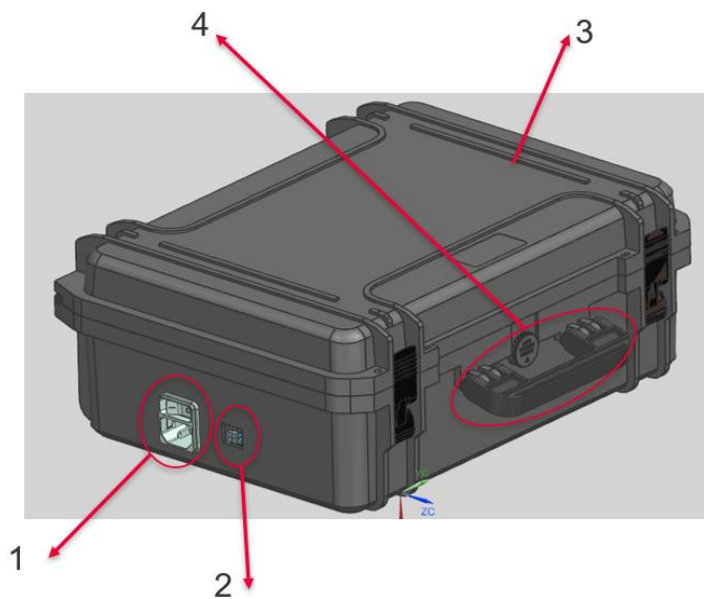
1.0 SCOPE

This document will describe the application instructions for field tester kit user guide.

2.0 PRODUCT DESCRIPTION

Additional Molex specifications to be used in conjunction with this specification:
ENGINEERING DOCUMENTS_ PSD_ 1807883000

3.0 PROCEDURES.



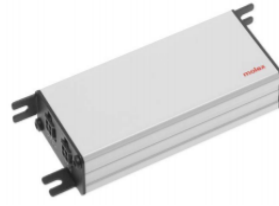
To set-up the Programmable Driver Kit, follow the procedure below.

Procedure:

1. C14 power connection with switch to provide power to kit and POE devices.
2. Micro-Fit Core Sync Output where a POE daisy chain input connects to.
3. Cable storage compartment.
4. Handle for easy portability.

ENGINEERING RECORD NO : 659803	SAP NO : 187000553	Doc No: 187000553	Doc part: AS	REV- 01
http://www.molexces.com				

Once a POE lighting and sensing system is installed, system integrator must commission and validate the system. This kit allows for a quick validation of daisy chain branches. Along with this kit, you will need 4 additional components: A Core Sync 4-to-4 pin harness (included), IEC 320-C13 power cord (included), and a Core Sync Advanced Beacon. In tandem with the supplied Advanced Beacon, users can validate the daisy chain input and output of all devices in a specific daisy chain branch.



USING THE FIELD TESTER KIT

After you have connected the power cord to the kit, ensure that the power switch is switched off, and connect your first POE device to the 4-Pin input of the kit.

TIP: Be sure to keep the clip part of the cable at the top of the input on the device (as shown below).



1. Once everything is connected, you are ready to switch on the power to the kit.
2. After a few seconds, all devices in the daisy chain will light up to about 40% brightness. They will then turn off for two seconds. They will then all turn on at 10% brightness
3. Next, the daisy chain devices will blink their LED depending on the index they are located at i.e. if it is the 3rd device in the daisy chain branch, then it will blink 3 times. All devices will blink sequentially.
4. When each device in daisy chain has blinked to show its daisy position, entire cycle will begin again
5. When you've noted all devices in the daisy chain, switch the power of the kit cable to OFF.
6. You can now UNPLUG AC POWER SOURCE then disconnect the four-pin plug from the daisy chain
7. Repeat this procedure for each daisy chain to be tested

WARNING: NEVER CONNECT/DISCONNECT FOUR-PIN PLUG FROM THE DAISY CHAIN WHILE THE TEST KIT POWER IS ON!

TROUBLESHOOTING

TEST REPEATS BEFORE ALL DAISY CHAIN DEVICES BLINKED

Procedure:

If the test sequence does not go through all the devices and restarts before they all had the opportunity to blink, then there is a break in the daisy chain. The test will restart when it reaches the end of the detected daisy chain, if this is earlier than expected, find the last device that blinked and assure there is a proper connection to the next device.

BREAK IN BLINKING PATTERN

Procedure:

If the test skips over a device and continues the sequence with the following device then there is a problem with the output of the skipped device. If a LED driver is skipped, please reconnect wires connecting to the LED fixture. A skipped device does not mean the device is faulty.