QUICK GUIDE

Clevertest Plus

Activating Clevertest Plus fittings

Products with a CTP symbol ☀ & supplied with a standard part number (without –CT in part number) need to be activated if you would like to use the automatic test function.

Choose from one of the methods below to activate fittings. All methods will make the fitting test again every six months.

1. Activate groups of fittings at the circuit breaker

These two sequences will synchronise all fittings on the circuit and can also be done at any time synchronisation is required.

USE A STOPWATCH TO ENSURE ACCURATE TIMING

00:00.0
Start   Reset
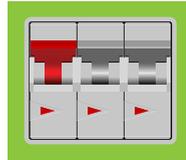
1.1 Activate and put fittings into immediate test

From a power ON state – switch power OFF for 6 seconds, then ON for 2 for seconds, then OFF for 2 seconds, then ON for 2 seconds then OFF for 2 seconds and then ON again.

| From a power "ON" state | OFF 6 secs | ON 2 secs | OFF 2 secs | ON 2 secs | OFF 2 secs | ON |

1.2 Activate and not start a test

From a power ON state - switch power OFF for 35 seconds, then ON for 2 seconds, then OFF for 2 seconds and then back ON. After activation, the status LED will flash for 30mins, and then the CTP test status will revert to "No Test Result."

| From a power "ON" state | OFF 35 secs | ON 2 secs | OFF 2 secs | ON |
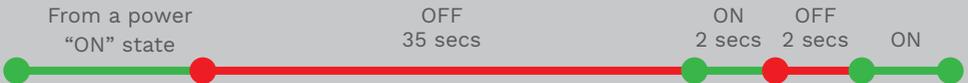
2. Activate individual fittings at the fitting

2.1 Activate and not start a test

Press and hold test button for 6 seconds until light flashes green. Release and press again once. The LED will flash red several times and then show the CTP green encoded flash. This fast red flash, in between the CTP green encoded flash, will continue until the fitting undergoes a test, as this fast red flash indicates NO TEST RESULT as per item in the visual indicator table on page 3.
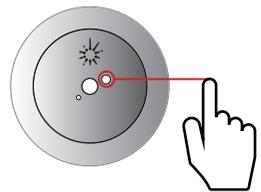
Testing Clevertest Plus fittings

## 3. Initiating an immediate discharge test

3.1 Testing groups of fittings:

CTP fittings on the same circuit can be tested immediately by switching the circuit breaker OFF for 18 seconds, and then back ON again. This action does not alter the schedule for the six-month synchronised test.

From a power "ON" state — OFF 18 secs — BACK ON

3.2 Testing Individual fittings:

Press the test button 3 times within a five second period for an immediate discharge test. This action does not alter the schedule for the six-month synchronised test.

3 times in 5 sec
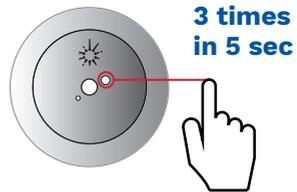
## 4. Delayed 24 hr test on individual fitting:

(If replacing a fitting that is not charged)

From a Power on state, press and hold the fitting test button for 10 seconds until the LED changes to a faster RED flash. This indicates the command is complete. The unit will then test itself 24 hours later.
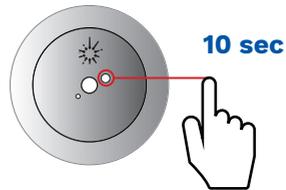
10 sec

5. Terminating a discharge test

While test in progress, press and hold the test button for 10 seconds to terminate the discharge test.
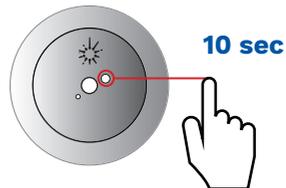
10 sec

6. Gathering test results

The status LED indicator on all CTP fittings will show either a green encoded fast flashing sequence or a visual indicator sequence in an alternating 20/10 second cycle. Test results can be captured with CleverSparky or manually

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7. Clevertest Plus LED indications

7.1 CTP Encoded Flash

VERY FAST GREEN FLASH
(20s Green then 10s of status indication as per below list)

Data can be scanned with Cleversparky App during the 20 second fast flashing cycle

7.2 Visual Indicator

Use the table below to visually interpret the test result using the flashing LED sequence.This indication is shown for 10 seconds.

1 **SOLID GREEN**
(not flashing)

NORMAL. Fitting is in a normal state awaiting next discharge test.

2 **SLOW AMBER FLASH**
(2s Amber, 2s Off)

TESTING. Fitting is currently performing a test

3 **VERY SLOW AMBER & GREEN FLASH***
(4s amber, 1s Green)

RECENTLY PASSED. The fitting has passed a test. This indication remains for 5 days after the test and then changes to solid green.

4 **FAST AMBER & GREEN FLASH - Lamp***
(0.5s amber, 0.5s Green)

FAILED LAST TEST. The fitting has been recently tested and has a lamp failure.

5 **FAST AMBER & RED FLASH - Control Gear***
(0.5s Amber, 0.5s Red)

FAILED LAST TEST. The fitting has been recently tested and has a control gear failure.

6 **FAST AMBER & OFF FLASH - Battery***
(0.5s Amber, 0.5s Off)

FAILED LAST TEST. The fitting has been recently tested and has a battery failure.

7 **FAST AMBER & RED FLASH WITH RED PAUSE**
(2s (0.5s Amber, 0.5s Red), 2s Red)

COMPLETE TIMER FAILURE. The battery has failed, and the unit cannot keep time for scheduled tests during power outage.

8 **FAST RED & OFF**
(0.5s Red, 0.5s Off)

NO TEST RESULT. Clevertest Plus has been enabled but no test completed.

* The LED when green displays that the emergency battery is present and charging or fully charged. If the battery is not present or not charging the LED will be off or AMBER. For items 4-8 this indication will remain until it is receives the required maintenance and passes a subsequent discharge test.

8. Advanced features

8.1 Adjusting the test timer on an individual fitting

(To activate CTP and/or re-sync a replacement fitting)

The scheduled test date for a fitting can be shifted by 30-day increments up to 6 months using the fitting test switch. You may wish to do this after a fitting has been replaced and you want the fitting to test in a similar schedule to the other fittings on the same circuit.

Press and hold test button for 6 seconds until light flashes green. Release and press again once. The LED will now flash RED (0.5s on, 0.5s off) with the number of RED flashes indicating the number of months in the future the test is to occur. Eg, 2 flashes indicates the test will occur within 60 days (2 months) up to 6 flashes which indicates 180 days (6 months). Any press of the push button while in this mode will adjust the schedule forward one month (30 days) This mode will last for 60 seconds and will revert to normal operation after this.
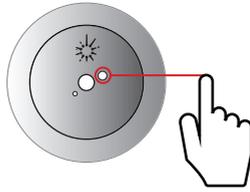
1. Hold for 6 sec — release when red LED turns green and then press again
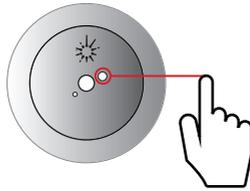
2. Each subsequent press will move the test date forward 30 days

8.2 Synchronise fittings & resetting test dates

See sequence 1.1 or 1.2 on the front page for details on synchronising the fittings

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