



SwitChek is a 3 phase, Isolation Switch Tester. As a switch resistance tester it confirms that an isolation switch or circuit breaker does not pass electrical voltage or current when isolated.

SwitChek provides any worker with a simple and safe method of verifying field isolator or local control panel based, electrical isolations, before conducting mechanical maintenance.

Positive Indication on Isolation

The green LED is illuminated when the switch is isolated/open. This addresses any uncertainty - Did the lamp fail as I turned the switch off or is the LED indicating correctly that the switch is off?

Self Test Function

Self testing is performed automatically on power up, every red to green LED transition and periodically during green LED indication. Automatic testing is in addition to the manual testing capabilities available. A manual test can be performed while the green LED is illuminated, by simply touching the lamp.

Power Free

The line side of an isolation switch in a field control panel or local control panel is often de-energised when locking out. So voltage measurement or indication on the load side produces inconclusive isolation verification. SwitChek solves this by applying its own voltage to perform an insulation resistance test. It functions whether the line side of the switch is energized or de-energized.

Low cost

When comparing an enclosed isolator + SwitChek versus a visible break isolator + windowed enclosure.



Benefits	Features
Operator Confidence	Unique automatic and manual Self Testing. Designed to ISO 13849-1 – Category 3, PL d
Power System Safety	3 Phase, 415/480VAC, 50Hz/60Hz, Direct & Impedance Earthed, Isolated Systems, Neutral Absent or Neutral Switched. Overvoltage Category CAT III, 300VAC (Line to Neutral)
Flexible	Allows subsequent verifications without reversal of the isolation i.e. accommodates late working parties
Field Indication / Logging	Digital output allows logging the isolated event and/or enables control system indication of the isolated equipment.
Simple Installation	24VDC, 0.2A, 0V Referenced to Earth, 2x25mm wide DIN rail mount electronics, HMI 22.5mm lamp
Wide Application	Suitable for new and retrofit installations and for use in low and high ambient light environments

Act now to free your time and upgrade your protection!



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