

## **EA1540**

Capacitive Leakage Sensor



The EA1540 Capacitive Leakage Sensor can automatically detect and notify users of any liquid in close proximity with the connected PDU. When any liquid is detected, the EA1540's beeper sounds, and its red LED lights up, calling for immediate attention and response, thereby effectively decreases the risks of damages to both the PDU and powered devices. It is ideal for PDU installation environments such as subway data centers located underground.

Suitable for a wide range of applications, the EA1540 features a compact and anti-interference design, allowing it to avoid external signals from affecting its normal operations while saving valuable space for critical work. Built with corrosion-resistant materials, it is adaptable even to hazardous environments.

The EA1540 is the perfect solution for those who need to ensure PDU's daily operations and prevent any potential risks of device damages in advance.

## Features

- · Highly reliable instantaneous liquid detection and alert
- Anti-interference avoids external signals from affecting its normal operations
  Durable built with corrosion-resistant material

## Specification

| Protection           | IP-66                             |
|----------------------|-----------------------------------|
| Physical Properties  |                                   |
| Housing              | PP                                |
| Cable Type           | 3Φ/3c-2m(22AWG)                   |
| Insulation strength  | 100 MΩ / 500VDC                   |
| Dielectric strength  | 2.5kv per minute                  |
| Ripple of power      | 10‰peak to peak                   |
| Operating voltage    | 10 ~ 30VDC                        |
| Current Consumption  | 20 mA max.                        |
| Output method        | NPN                               |
| Output status        | NO                                |
| Output current       | 150mA max.                        |
| Leakage current      | 0.1mA max.                        |
| Residual voltage     | 0.1V max.                         |
| Protection circuit   | Short circuit & polarity reversed |
| Sensitivity adjuster | 270° Trimmer                      |



Diagram



 
 ATEN International Co., Ltd.

 3F, No.125, Sec. 2, Datong Rd., Sijhih District., New Taipei City 221, Taiwan

 Phone: 886-2-8692-6789
 Fax: 886-2-8692-6767
 www.aten.com E-mail: marketing@aten.com



© Copyright 2015 ATEN® International Co., Ltd. ATEN and the ATEN logo are trademarks of ATEN International Co., Ltd. All rights reserved. All other trademarks are the property of their respective owners.