

# Capacitive Leakage Sensor

## EA1540

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 decreasing 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.

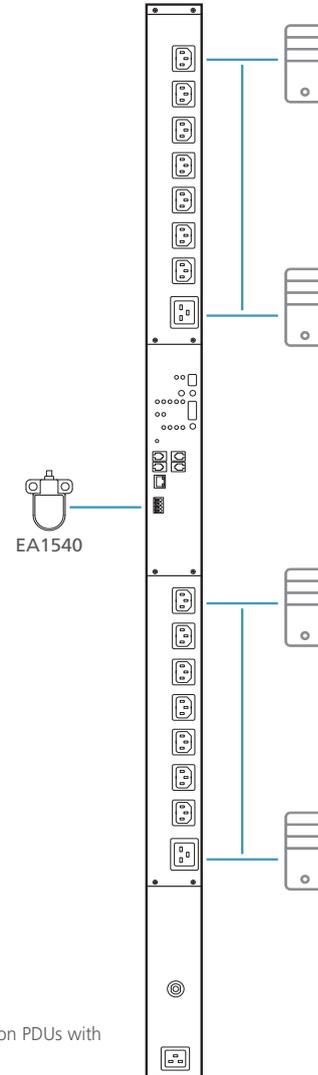
Suitable for a wide range of applications, the EA1540 features a compact and anti-interference design, allowing it to avoid external signals from affecting its normal operations while saving valuable space for critical work. Built with corrosion-resistant materials, it is adaptable even to hazardous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



EA1540 can be used on PDUs with 4 dry contact ports.

### Specifications

	EA1540
<b>Protection</b>	IP-66
<b>Housing</b>	PP
<b>Cable Type</b>	3Φ/3c-2m (22AWG)
<b>Insulation Strength</b>	100 MΩ / 500 V DC
<b>Dielectric Strength</b>	2.5 kV per minute
<b>Ripple of Power</b>	10% peak to peak
<b>Operating Voltage</b>	10 ~ 30 V DC
<b>Current Consumption</b>	20 mA max.
<b>Output Method</b>	NPN
<b>Output Status</b>	NO
<b>Output Current</b>	150 mA max.
<b>Leakage Current</b>	0.1 mA max.
<b>Residual Voltage</b>	0.1 V max.
<b>Protection Circuit</b>	Short circuit and polarity reversed
<b>Sensitivity Adjuster</b>	270° trimmer

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