

Theft Detector

Detection System using Fiber

Overview

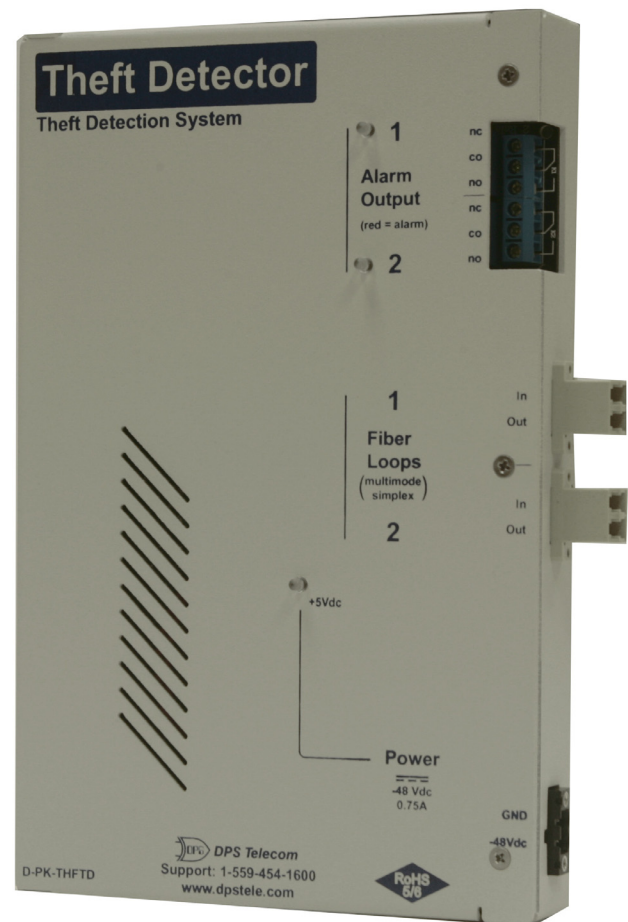
Batteries are expensive. That makes them a prime target for theft. When that happens, you'll lose expensive equipment and - in all likelihood - your network will go down as soon as there is an outage.

You need a way to protect the batteries at your remote sites. You could wire-wrap your batteries with copper detection wire, but there are simple ways for thieves to jumper that wire and trick your RTU into missing a break.

The solution is the Theft Detector from DPS Telecom. This device uses fiber cable instead of copper to protect your batteries from theft. You simply feed a standard multimode fiber cable through each battery and connect it to the Theft Detector. You've made it almost impossible for a thief to steal your batteries without you knowing. Simple jumpers don't work for glass fiber like they do for copper. If the cable is cut, an alarm is immediately sent to your RTU.

With a simple design, the Theft Detector provides an easy-to-use and reliable system. It protects your batteries and alerts you the instant there is trouble.

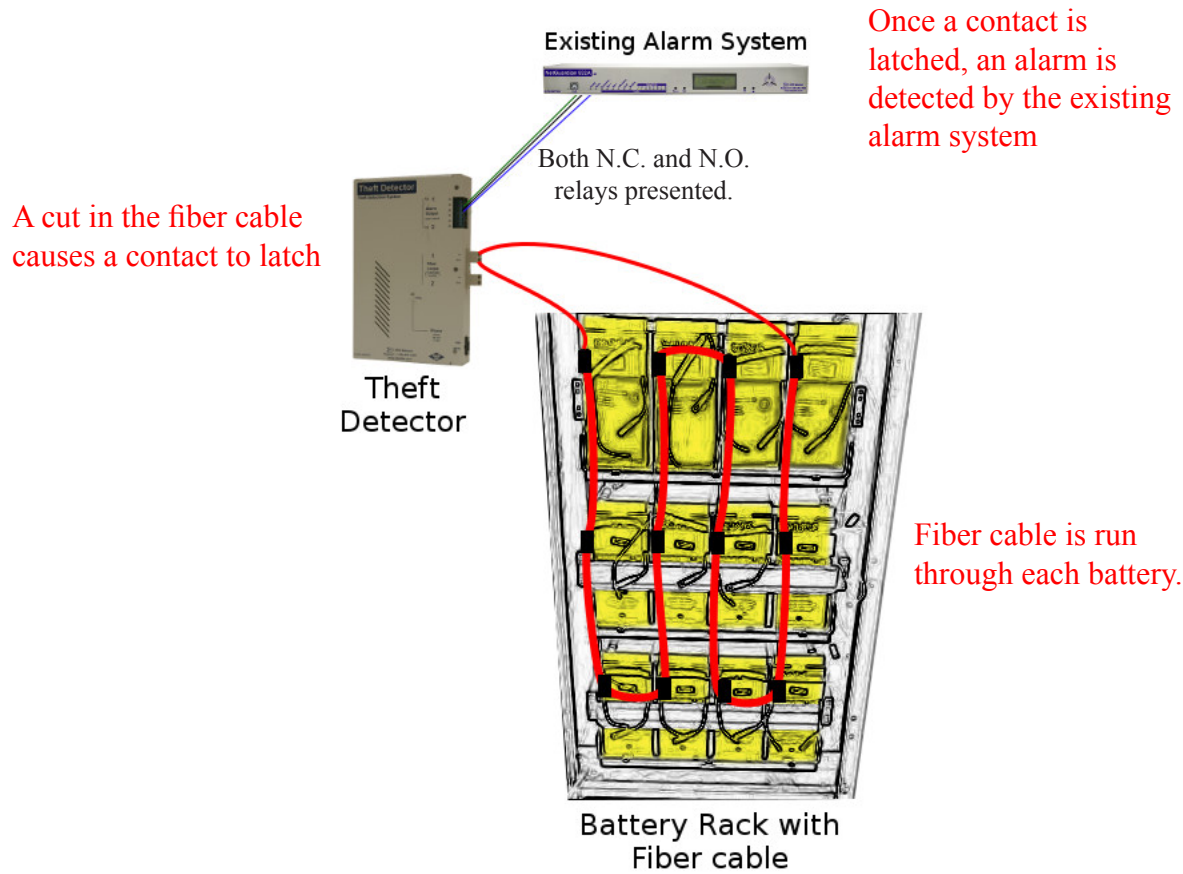
The Theft Detector features 2 fiber loops and two alarm outputs so that you can monitor two separate battery strings, copper bars, or other equipment. Because the device uses fiber cable, there is virtually no limit to the length of cable you can use or the number of batteries you can monitor. You can even run fiber outside your shelter while avoiding lightning/electrical surge risk.



Benefits of the Theft Detector

- **Fiber detection cable to resist tampering via jumpers**
- **Easily integrates with any discrete (dry contact) input**
- **Support redundant installation of two detection wires through the same assets to increase tamper resistance**
- **(Build option) Supports digital D-Wire connection for maximized tamper resistance.**
- **Easy to set up.**
- **Simple design for increased reliability.**
- **30-DAY NO-RISK MONEY-BACK GUARANTEE**

Application Diagram



Specifications

Hardware			
Dimensions:	8.39" H x 5.31" W x 1.34" D	Alarm outputs:	4 (2 Form C)
Weight:	1 lb.		
Mounting:	Wall Mount	Operating Temp:	32° to 140°F (0° to 60°C)
		Storage Temp:	-40° to 185°F (-40° to 85°C)
Power Input:	-48 VDC	Operating Humidity:	0% -95% Non-Condensing
Current Draw:	50mA max @ -48VDC	Storage Humidity:	0% -95% Non-Condensing
Fuse:	Internal PTC Fuse		
		MTBF:	60 years
Visual Interfaces:	3 LEDs	RoHS:	RoHS 5 Approved
Fiber Interfaces:	2 In/Out Pairs LC MMP simplex		

Call 1-800-622-3314 for Pricing

Visit our website at www.dpstele.com

4955 East Yale Avenue, Fresno, California 93727 • 800-622-3314 • Fax 559-454-1688