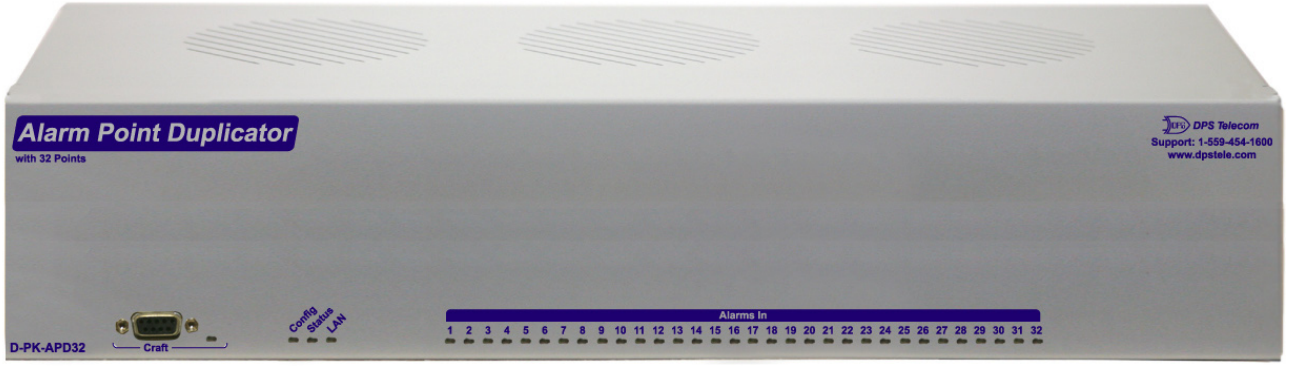
DPS Telecom

"Your Partners in Network Reliability Management"

Product Summary

Alarm Point Duplicator with 32 Points

Duplicate single inputs into two relay outputs



The Alarm Point Duplicator provides the ability to duplicate 32 alarm inputs into 64 relay outputs

Benefits of the Alarm Point Duplicator

- **Accepts 32 alarm inputs**
- **Duplicates each input alarm into two relays to safely report alarms to two systems**
- **32 Front panel alarm status LEDs**
- **8-pin Screw Lug Connectors to securely terminate alarm inputs/ relay outputs**
- **(Optional) 50-pin Amphenol connectors for alarm inputs/ relay outputs**
- **Web provisional inputs and relays on an individual basis for reversal**
- **Web viewable input and relay status**

Overview

The Alarm Point Duplicator is ideally suited for discrete alarm duplication, where the unit is used to interface a single set of alarm points to multiple alarm remotes or network elements while maintaining isolation between those systems.

On the back panel of the Alarm Point Duplicator the 24 8-pin screw lug connectors securely terminate the alarm inputs and relay outputs. An optional version of this device is equipped with 6 50-pin Amphenol connectors for the alarm inputs and relay outputs.

Current flowing in an optical coupler is normally an alarm. Each alarm is software reversible.

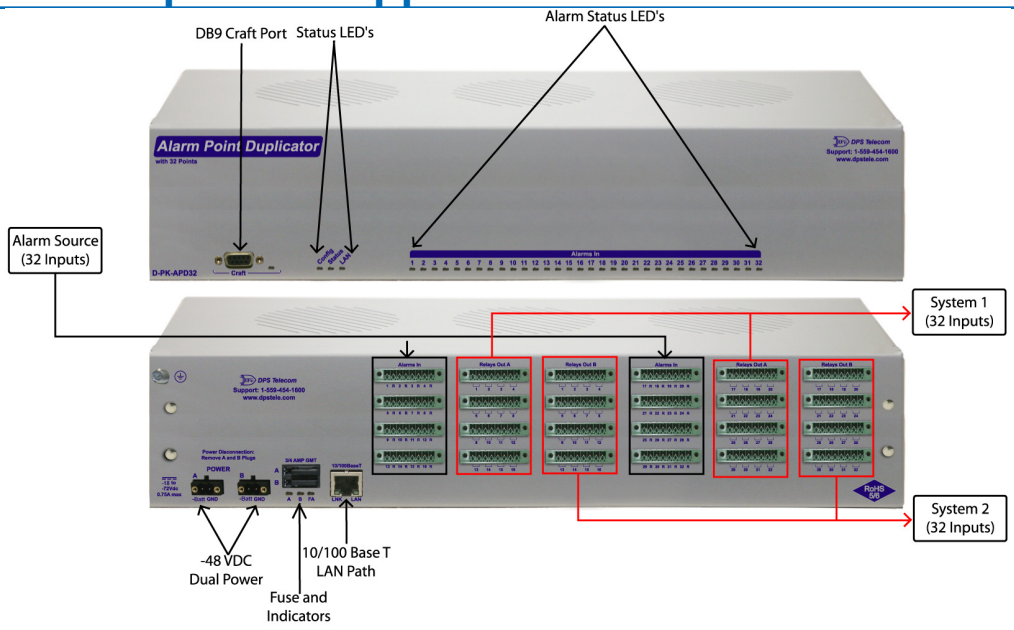
The front panel LED indicators provide visual indication of alarm point status. Each of the 32 inputs has its own LED. LED's that are on indicate alarms. LEDs that are off indicate inactive alarm points.

From the device's easy-to-use web interface, you can reverse the input and relay polarities on in individual basis. Additionally, from the web interface you are able to view the input and relay statuses.

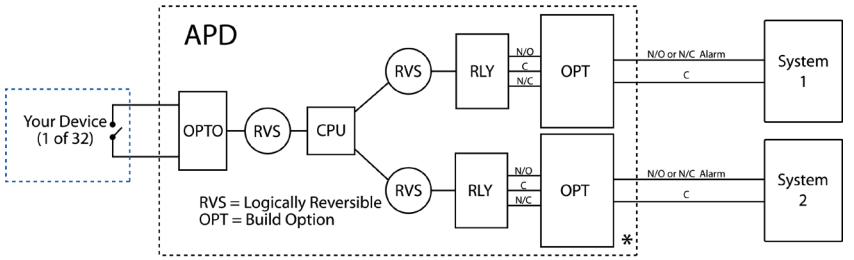
The Alarm Point Duplicator also includes a DB9 craft port for IP Address configuration.

If you're looking to interface a single set of alarm points to multiple network elements, look no further than the Alarm Point Duplicator.

Alarm Point Duplicator Application



Logical Application Diagram



Alternate Amphenol Connectors

**

Specifications

Analog Inputs	24 8-pin screw plug for analogs (Optional) 6 50-pin Amphenol connectors 2 Power Feed analog channels
Discrete Inputs	32 opto-isolated
Output Relays:	64
Max. Voltage:	60VDC / 120VAC
Max. Current:	3 Amp, AC/DC
Power Input Options:	• Dual Feed -48 VDC (-36 to -72VDC) • -24 VDC (-18 to -36 VDC) • Wide Range -24/-48 VDC (-18 to -72 VDC) • +24 VDC (+18 to +36VDC)
Fuse:	3/4Amp GMT

Interfaces:	1 RJ45 10/100 Ethernet port 1 DB9 Craft Port 24 8-pin screw plug for analogs (Optional) 6 50-pin Amphenol connectors for alarm inputs & relay outputs,
Protocols:	HTTP, Telnet, ICMP
Dimensions:	3.47" H x 17" W x 7.336" D (2 RU)
Mounting:	19" or 23" rack
Weight	3.5 lbs
Visual Interface:	35 front panel LEDs 5 back panel LEDs
Operating Temp:	32° to 140° F (0° to 60° C)
Operating Humidity:	0% -95% non-condensing
RoHS:	5 of 6

Alternate Build Options:

- Relays wired normally open, normally closed, or user definable via shunt (this is in addition to the software relay control) *
- 50-pin Amphenol or 8-pin screw plugs for analogs **
- See Power Input Options above

Call 1-800-622-3314 For Pricing

All DPS Telecom products are made in Fresno, California and backed by our 30-Day, No-Risk Guarantee:
"If you buy our equipment and are not satisfied for any reason during the first 30 days, simply return it for a full refund."

Visit our website at www.dpstele.com
4955 East Yale Avenue, Fresno, California 93727 • 800-622-3314 • Fax 559-454-1688