



Connect: Area Protection Panels

Description

Lake Shore Electric Area Protection Panels (APP) are designed to monitor multiple points in an electrical system for proper normal source voltages. Every APP comes with an output contact which changes state in the event of one, or more, areas being out of their correct voltage ranges. Each area is monitored with its' own Phase Failure Relay (PFR) to ensure it is within the proper voltage operating range.

When a failure of any single area occurs, the APP's output contact will change state to give the appropriate equipment a signal to activate. As normal power returns, the APP's output contact changes back to its normal state to signal the appropriate equipment to deactivate.

Standard Features

- UL 508 Listed
- Rated for up to 600 VAC
- Monitors from 1 to 24 points
- Available Standard Voltages 1P 120 or 240 VAC and 3P 208, 240 or 480 VAC
- Form "C" dry contacts output to emergency power system.
- Three phase units also monitor phase rotation.
- Solid State Relays
- Visible indication of failed circuit is provided directly on the sending relay.
- NEMA 1 Wall Mountable Enclosure, ANSI-61 light gray.
- Key locking handle provided.
- Engraved identification nameplates for each monitored point located on door.

NEMA 1 Enclosure Dimensions

Model Prefix	# of Locations	H	W	D
AP12	1-12	30"	24"	6 3/4"
AP24	13-24	36"	28"	6 3/4"

Optional Features

- Common Failure Indicating Light
- Area Failure Indicating Light
- Multiple voltages can be monitored in a single panel

Connect



Global Headquarters

Lake Shore Electric
205 Willis Street
Bedford, OH 44146

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Contact Information

P: 800.225.0141
F: 440.232.5644
sales@lake-shore-electric.com
www.lake-shore-electric.com