

## 2HP Simplex Pump Station Motor Control Starter - 230V - 6.8A Max - CB/Float Switch Inputs - N3R

**PNL-ATL-SPX-3P-230V-2HP-CB-CS-N3R-15021**



### PNL-ATL-SPX-3P-230V-2HP-CB-CS-N3R-15021 2HP Combination Motor Starter - Direct On Line Motor Starter for Simplex Pump Station Motor Control

Unit Type: Simplex Pump Station Motor Control Starter

Dimensions: 30" x 20" x 8"

Weight: 85 lbs

Voltage: 230V AC

Horsepower Rating: 2 HP

Max Amps: 6.8A

Disconnect Type (Protection): Circuit Breaker

Controls: Overload Reset Button, Start/Stop Momentary Push Buttons

Selector Switch: Hand/Off/Auto (HOA) - 3 Positions

Motor Control (On/Off): Float Switch Inputs

Padlockable Components: Door, Disconnect

NEMA Size: 1

Materials: -

Mount: Surface/Wall (Heavy Duty Mounting Ears)

Wiring: -

Shipping Dimensions: 48" x 48" x 20"

Larson Electronics manufactures a wide variety of custom power distribution systems. The pictures displayed for this unit are a general representation of form factor and may not accurately represent this exact configuration in every detail due to being custom builds. The specifics for this configuration are listed in the specification table and one-line diagram.

### Ratings

NRTL Certified to UL 508A

NEMA 3R Indoor/Outdoor Use

Service Entry Rated

NEMA Size 1

### Special Orders/Requirements

Contact us for special requirements

Phone: 1-903-270-1187

Toll Free: 1-800-369-6671

Fax: 1-903-498-3364

E-mail: [sales@larsonelectronics.com](mailto:sales@larsonelectronics.com)

\*All grounding shall comply with state and local codes and meet the minimum requirements of the National Electronic Code section 250\*

**The Larson Electronics PNL-ATL-SPX-3P-230V-2HP-CB-CS-N3R-15021 Simplex Pump Station Motor Control Starter is designed for effective motor control, operation and protection. This direct-on-line (across the line) motor starter is compatible with 230V AC and features a 2HP rating. Equipped with push-button controls and HOA selector switch, this unit is protected by a NEMA 3R enclosure and is UL 508A certified. Float switch inputs enable automatic on/off motor control at specific water levels using an external sensor.**

The PNL-ATL-SPX-3P-230V-2HP-CB-CS-N3R-15021 offers robust industrial controls and system protection for simplex pump station motors, sewage lift stations, storm drain lift stations and de-watering operations. This direct-on-line motor starter operates on 230V AC and 6.8 amps (maximum). Rated at 2 horsepower, the unit uses a circuit breaker as a primary disconnect, which also provides circuit/overload protection. The industrial motor starter is equipped with a 3-position hand/off/auto (HOA) switch, as well as start/stop momentary and reset push buttons. Door and disconnect switch can be padlocked for security.

Float switch inputs facilitate automatic activation of pumps, when an external sensor detects rises to specific water levels. Upon sensing a decrease in or normalization of water levels by the external sensor, the pump is deactivated or turned off.

The across-the-line motor starter is protected by a fully-gasketed NEMA 3R enclosure, allowing the unit to be safely used in indoor and outdoor locations. This combination motor starter also carries a NEMA Size 1 rating, is service entry rated and certified to UL 508A.

**Mounting:** The PNL-ATL-SPX-3P-230V-2HP-CB-CS-N3R-15021 is compatible with surface and wall mounting requirements. Mounting is facilitated by heavy-duty mounting ears.

**Certification:** Larson Electronics is a UL 508A panel shop and certified to build portable power distribution systems. All units are built in accordance to NFPA 70 (National Electric Code) and certified to UL 508A. All equipment is NEMA 3R rated for indoor and outdoor use and provide a degree of protection against dirt, water, and ice. NEMA 4 and NEMA 4X equipment can be equipped upon request.

**Applications:** This combination starter is ideal for indoor or outdoor use and applications including but not limited to, simplex pump station motor controls, sewage lift, storm drain lift stations, industrial motor controls, start-stop operations, condition monitoring, motor protection, pumps, compressors, fans, conveyor belts, manufacturing, processing sites, motor disconnect and more.

**Custom Built Systems Available:** Larson Electronics is a manufacturer and we can build industrial motor starter systems to your specifications. Although we carry several models of combination starters in stock, we can deliver custom ordered units almost as quickly as our prebuilt units. If this model does not meet your needs, please contact us at 1-800-369-6671 or [sales@larsonelectronics.com](mailto:sales@larsonelectronics.com) to discuss your specific requirements.

For built-to-spec models, Larson Electronics can customize a wide range of components and features to ensure compatibility with customer projects, existing systems at sites and technical requirements. Examples of custom features and additions we offer include the following: addition of panel control push buttons, illuminated push buttons, emergency-stop mushroom push button, indicator lights, 2-position and 3-position switches (HOA/LOR/On/Off), lock out/tag out operators, locking switches, auxiliary contacts, programmable timers, photocell (dusk-to-dawn sensor), time meters, control transformer, contactors w/ coil controls, thermal overload motor protection, stack tower light for external indications, pole mounting, weatherproof conduit elbows and more.

---

Links (Click on the below items to view):

- [addpic1large](#)
- [large](#)
- [medium](#)
- [HigResPic1](#)
- [HigResPic2](#)