For Service Entrance (UL 891 Listed) or sub-panel installations, the factory-wired AA-G-3R-CL PTLC saves space and installation time. The panel integrates main disconnect breakers, a branch breaker panel board, an automatic transfer switch (combined with manual transfer to one of two emergency sources), and whole-facility surge protection. The PTLC satisfies all of your electrical power requirements in one cabinet, reducing labor and equipment costs.

**Automatic Transfer Switch, ASCO® Series 300 with Group G Controller**
- Single solenoid, true double-throw, transfer mechanism
  - UL 1008 Listed
  - Complies with NFPA 110 for Emergency and Standby Power Systems
- Group G Controller offers easy to navigate LCD display with soft keypad and six (6) LED indicators
- Historical event log (up to 300 events)
- Statistical monitoring information
- Diagnostic functions
- Pre- and post-transfer time delay settings for transfer and re-transfer
- Voltage & frequency sensing
  - Under and over frequency settings on normal and emergency
  - Voltage and frequency parameters adjustable in 1% increments
- Auto start/stop engine control contacts are standard

**Surge-protected Loads from a 42-circuit Square D Panel Board**
- Strikesorb® Protection
  - Protection characteristics remain unchanged throughout service life
  - Loads are never left unprotected, as Strikesorb operates to a short circuit and trips main disconnect breaker in the event of a long duration, catastrophic over-voltage event
- Square D panel board accepts both bolt-on and plug-in branch circuit breakers

All PTLCs are configured with Accessories 4AR Utility Fail Relay, 11BE Programmable Engine Exerciser, and 18RX Relays for Source Availability. See reverse side for additional details.
ATS Accessories (standard)

4AR – Utility fail relay
- Seven independent engine generator exerciser routines to exercise an engine generator, with or without load, on a daily, weekly, bi-weekly or monthly basis
- Exerciser setting can be displayed and changed from the user interface keypad
- RS 485 and MODBUS-enabled with common alarm output contact

11BE – Fully-programmable engine exerciser
- Seven independent engine generator exerciser routines to exercise an engine generator, with or without load, on a daily, weekly, bi-weekly or monthly basis
- Exerciser setting can be displayed and changed from the user interface keypad
- RS 485 and MODBUS-enabled with common alarm output contact

18RX – Relays for source availability
- Contacts for utility and one emergency source (second emergency contacts are on switch)
- Additional output relay, default to indicate common alarm

Optional Accessories

23GA – Load current metering card
- Measures 200 A, 1Ø load current
23GA-400 – Load current metering card
- Measures 400 A, 1Ø load current
23GB – Load current metering card
- Measures 200 A, 3Ø load current
23GB-400 – Load current metering card
- Measures 400 A, 3Ø load current
72EE – Remote connectivity module
- Content-rich monitoring screens enable real time information for power metering, event logs, voltages, time delays, and alerts
- Web page dashboards can easily be viewed on any mobile or desktop device on the network by multiple users
- Allows for remote switch transfer

TLCOBX – Telco box
- Duplex receptacle
  - 15 amp GFCI circuit breaker
  - 120 V
- Terminal bar
  - Insulated
  - Ground connection
- AC service connection
  - Two, 2-inch nonmetallic conduits

Suppression Technology

Technology type
- Strikesorb 40mm, 120 V modules (one per phase, L-N)
- Available interrupt current (AIC)
  - UL Recognized for direct installation behind any breaker in any circuit with an AIC rate of 85 kA rms without use of additional fusing. UL Recognized fore direct installation in any circuit having an available fault current up to 200,000 A rms, when protected by a 4000 A Class L fuse.

Remote alarming
- Form “C” relay

Long duration surge performance
- 250 hits at 500 A, 2 msec squared waveform (IEEE C62.11)