

**From zero to power-up in
10 cycles flat!**



CYCLONE™ Ten-Cycle Automatic Transfer SF6 Switches

**with Resettable
Fault Interrupter option**

- Padmount and Vault Applications
- Fast-Acting Digital Voltage Sensors
- 15.5 and 27 kV Ratings
- SCADA Interface



By combining a robust field proven switch design with leading edge automatic transfer technology, Canada Power Products Corporation created **Cyclone**, a *ten-cycle automatic transfer switch* that supplies your growing customer needs with an unprecedented level of reliability. Let Canada Power Products Corporation bring peace of mind to you and your customers.

When supplying critical loads such as hospitals, airports, financial centers etc., Canada Power Products Corporation's **Cyclone**, *ten-cycle automatic transfer switch* can be equipped with an optional Resettable Fault Interrupter (RFI). Both padmount and vault designs are available.

Figure 1 shows a standard 3-way configuration with the RFI option.

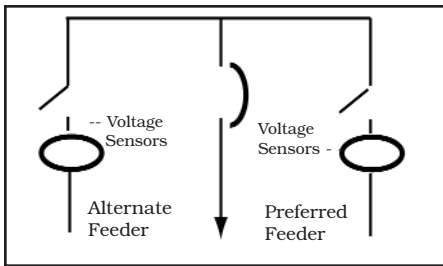
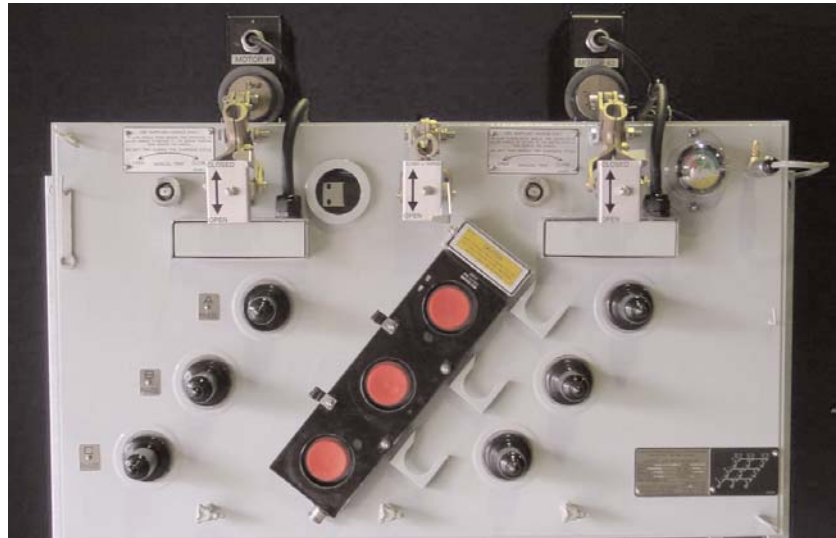


Figure 1.

Features:

- High Speed, 40KA Stored Energy Mechanism
- Fast Acting Digital Voltage Sensors
- Configurable Controller Interface
- SCADA Interface
- Battery Back-up System
- Automatic Lockout From Closing into Faults
- Preferred/Alternate or Non-preferred Schemes
- Test Mode



Ten-Cycle Transfer Time -

Through the use of state-of-the-art technology the CPPC ten-cycle automatic transfer switch will restore power within 10 cycles of the initial loss of voltage. This includes voltage sensor dropout, scanning and processing time of the control and open / close operations of the loadbreak mechanisms.



SCADA Interface - the SCADA interface gives the user a means of controlling the switch motor operators and or gathering information such as switch position status and feeder status via the output contacts.

Test Mode - Through the use of the test buttons, the operator has the ability to test and verify correct operation of the Automatic Transfer Controls. This can also be used for periodic field-testing of the control system

40KA High Speed Mechanism -

At the center of the ten-cycle automatic transfer switch is a rugged 27kV Puffer-Pak® load-break mechanism. With an impressive 1000 full loadbreak endurance and 40 KA asymmetrical momentary and 3 operation fault close rating, you can depend on a long service life.

◀ Spring operator critical to ten-cycle operation of **Cyclone**.

