

ASCO 5370 Touch Display Interface

The Touch Display Interface (TDI) is a premium user interface for monitoring and controlling your transfer switch. It increases power reliability, compliance, and efficiency by presenting the most essential information using intuitive graphics and real-time data.



Features

- Alarm Buzzer
- USB (for log retrieval and updates)
- Configurable Alarms
- Multiple User Access Levels
- Downloadable Logs
- Custom Maintenance Notes
- NTP Time Synchronization



Intelligent

Displays only the information you need... when you need it.

The TDI concisely presents large amounts of complex data using one-line diagrams and other graphics. The TDI's Overview Dashboards present key details at a glance. Other screens provide in-depth data for control decisions or forensic analysis.



Easy

Extremely easy to use.

The interface offers a simple navigation system that feels natural, much like a smartphone. Experienced and new users alike can quickly find critical information, reducing both response time and human error, even under stressful conditions.



Accessible

Access where you want it.

The ability to access data is just as important as the data itself. The TDI enables you to monitor and manage power conditions through multiple remote access solutions. The TDI can be mounted in a transfer switch, on walls, or incorporated into other structures at key facility locations.

A Premium User-Friendly Experience for Quickly Accessing Data, Optimizing Reaction Time, and Maximizing Efficiency.

The image shows an ASCO electrical cabinet with a touch display interface. The interface is divided into several sections:

- Global status header and alerts visible from any screen.** (Top bar)
- Dashboarded view of key parameters.** (Overview screen)
- Detailed breakdown of measured values.** (Metering screen)
- Max Demand and energy consumption information.** (Energy screen)
- Deeper visibility using Power Quality Metrics.** (Power Quality screen)
- Time stamped table of critical equipment and electrical activity.** (Event Log screen)
- Graphical trends, histograms, and diagrams based on system data.** (Charts screen)
- Editible service and maintenance records.** (Notes screen)
- Status and Control of supported IO.** (Input/Output screen)
- Configuration management and downloadable logs.** (Settings, Help, Download Logs, Admin Logout)

The interface includes the following screens:

- Settings:** Interface, Controller, Meter, About, Connectivity, Alarms, General Settings, Pickup A Dropout, Timers, IO Settings, Diagnostics Log, Access Management, Time Sync, Features, Engine Exerciser, PM Settings, Controller Settings.
- Energy Screen:** kWh, kVAh, kVARh. Normal: 0, 0, 0. Emergency: 26149, 27251, 4590. Total: 26149, 27251, 4590. Max Demand Was 292 kW On 01/10/2000 20:24:00.
- Event Log:** Table with columns: Type, Case, Date/Time. Includes entries like Engine Stopped, Emergency To Normal Transferred, Normal To Emergency Transferred, Engine Started, Engine Stopped, Emergency To Normal Transferred, Normal To Emergency Transferred, Engine Started, Engine Stopped.
- ATS Overview:** 214 VcA, 60.2Hz, 54A, 272 kW. 215 VcA, 60.2Hz.
- Trending:** Graph showing trends over time (09:13 to 10:13).
- KW Detail:** Table with columns: kW, kVA, kVAR, PF. Phase A: 116, 121, 37, 0.95. Phase B: 70, 78, 32, 0.91. Phase C: 78, 77, -5, 0.99. System: 264, 277, 64, 0.95.

Specifications and Ordering Details

Ordering		Connectivity	
Catalog Number	5370	Ethernet Ports	x2 RJ45, 10/100 Base Tx
Catalog Name	Touch Display Interface (TDI)	USB	x2 Type A Ports
Form Factors		Display	
Transfer Switch Accessory	150AT*	Type	Resistive Touch Color TFT LCD
Bypass Switch Accessory	150BT*	Size	7"
Standalone	PN: K988000-001	Resolution	800 x 480
Enclosure Mounted (Type 1)	PN: 1052187	Other	Screen is hot-swappable
Power		Environmental	
Rated Voltage	24VDC	Operating Temperature	0° to 60° C
Power	36W	Storage Temperature	-40° to 80° C
Terminal Methods	Terminal Block or Barrel Jack Connector	Humidity Rating	up to 90% relative humidity
Ride-Through	11+ seconds		