AGP3750T Advanced Multi-Media HMI

15" Multi-Port, Multi-Media Operator Interface Touch

- 65,536 Colors XGA, Clear, Bright, High-Resolution TFT Display
- 64-bit RISC 266Mhz CPU for Ultra Fast Screen Refresh and Data Sampling
- No Grid Analog Touch Panel for Improved Visibility and Precise Part Placement
- Supports Up to Four Protocol Drivers Simultaneously
- High Speed Application Transfer, 10 Times Faster than Conventional Operator Interfaces
- 10/100 Base-T Ethernet, USB, Serial (MPI) and CompactFlash™ Communication Interfaces
- Includes Alarm, Buzzer Output, Remote Reset Input
- Direct Video and Audio Input Ports, plus Audio Output
### Display
- **Type**: TFT Color XGA LCD
- **Colors**: 65536 colors (no blink) / 16384 colors (3-speed blink)
- **Backlight**: User replaceable CCFL (Service life: 50,000 hrs. or more at 25°C (77°F) and 24 hrs. operation)
- **Resolution**: 1024 x 768 pixels
- **Brightness Control**: 8 levels of adjustment available via touch panel
- **Touch Panel**: Resistive film analog 1024 x 1024 resolution

### Memory
- **Application**: 8MB FEPROM
- **Data Backup**: 320KB SRAM

### Interfaces
- **Serial (COM 1) Interface**: RS-232C/422/485 configurable, 9 pin D-sub plug, Data Transmission Speed: 2400 to 115.2 kbps
- **Serial (COM 2) Interface**: RS-422/485, 9 pin D-sub socket, Data Transmission Speed: 2400 to 115.2 kbps (MPI 187.5 kbps)
- **Ethernet Interface**: Ethernet IEEE802.3, 10BASE-T/100BASE-TX, modular jack connector (KJ-4S)
- **Communication Module Interface**: For optional field networking communication modules
- **USB Interface**: 2 ports USB1.1, Host I/F, USB TYPE-A connector
- **CF Card Interface**: 1 slot CompactFlash™, TYPE II
- **Sound Output**: Speaker output 70mW (Rated Load: 8ohm, Frequency: 1kHz)
- **Video Input Interface**: NTSC: 59.9Hz PAL: 50Hz Connector: RCA: 75Ω
- **Sound Input Interface**: MIC Input/LINE Input (Change with S/W) Connector: MINI-JACK φ3.5mm
- **AUX Input/Output**: AUX Discrete Output: Alarm Output, RUN Output, Buzzer Output, Rated: DC24V @ 50mA
  - Operating Voltage: ON State: DC9V or greater, OFF State: DC2.5V or less

### Electrical
- **Rated Voltage**: 100V AC to 240V AC
- **Rated Voltage Range**: 85V AC to 265V AC
- **Power Consumption**: 100V AC 1.1A or less, 240V AC 0.7A or less

### Environmental
- **Ambient Operating Temp.**: 0°C (32°F) to 50°C (122°F)
- **Storage temperature**: -20°C (-4°F) to 60°C (140°F)
- **Humidity**: 10%RH to 90%RH (non-condensing, wet bulb temperature: 39°C (102°F) or less)
- **Altitude Operation**: 800hPa to 1114hPa (2000 meters or lower)
- **Vibration & Shock Resistance**: IEC61131-2 compliant. 5Hz to 9Hz single amplitude 3.5mm, 9Hz to 150Hz fixed acceleration 9.8m/s², X, Y, Z directions for 10 times (100min.)
- **Ratings**: Equivalent to IP65f, Nema #250 Type 4x/13 (Equivalent to NEMA 12 with the addition of "Oil or Coolant Spraying and Splashing")
- **Certifications**: CE, CUL, UL Recognized Cl I Div 2

### Structural
- **External Dimensions**: 395mm (15.55in.) x H244mm (9.60in.) x D60mm (2.36in.)
- **Weight**: 4.5kg (12.2lb) or less

### ORDER NUMBER
- **AGP3750-T1-AF**: 15" TFT Color LCD, USB, Ethernet, Serial HMI, Multimedia, AC powered
- **AGP3750-T1-D24**: 15" TFT Color LCD, USB, Ethernet, Serial HMI, Multimedia, DC powered

### OPTIONAL ACCESSORIES
- **HMI-CAB-ETH**: Ethernet Crossover Cable: HMI to PLC Ethernet port or to program HMI
- **CA3-USBCB-01**: USB download cable, PC USB port to AGP USB port
- **CA3-DFS15-01**: Overlay Screen Protection Sheets (5 sheets/pack)
- **PLC Cables & Accessories**: See AGP3000 Connectivity Document

### ORDERING INFORMATION
- ** Customer Support Hotline**: 734-289-9266

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