FAT•N | **Cutler-Hammer**

PanelMate® Operator Interface

Product Focus

PanelMate® Operator Interface

For more than 25 years PanelMate products have defined industrial electronic operator interface. This comprehensive family of rugged operator interface products is unmatched in features, construction, options and display image quality. There's a cost-effective PanelMate solution perfectly suited for every application and budget.

The right tool for every application.

PanelMate® Selection Guide

FAMILY	SERIES	DISPLAY	Touchscreen*	Keypad (TouchPanel)*	Stainless steel front panel options	Outdoor series	Classic – supports PanelMate Power Pro and Canvas applications	Enterprise Edition (extended capabilities)	Ethernet	Power Pro software	Canvas™ software
ePro PS	7685T-8	8.4" Color TFT	•		•		•	•	•	•[1]	•
ePro PS	7685T-10	10.4" Color TFT	•			•	•	•	•	•[1]	•
ePro PS	7685T-12 / 7685T-15	12.1" Color TFT / 15.0" Color TFT	•		•	•	•	•	•	•[1]	•
ePro PS	7600	Display with TS or other input device purchased separately					•	•	•	•[1]	•
Power Pro	1155 / 1175	7.4" Grayscale LCD / 7.7" Color DSTN	•	•						•	
Power Pro	1755 / 1775 / 1785	7.4" Grayscale LCD / 7.7" Color DSTN / 8.4" Color TFT	•	•						•	
Power Pro	3985	10.4" Color TFT	•	•	•					•	
Power Pro	5485	10.4" Color TFT		•[2]	•					•	
Power Pro	5785	10.4" Color TFT	•	•	•					•	

ePro PS – PanelMate ePro PS (Performance Series)
Note: Customs Available Upon Request

* Touchscreen and keypad options are mutually exclusive
[1] Classic model required
[2] Split architecture

Intuitive displays and operation result in successful installations. Machine operators need to make the right decisions at the right time – decisions that keep operations running efficiently and prevent unplanned, costly downtime. PanelMate products help you do it better with intuitive graphics, alarm messages and prompts. Similar in control and operation across the full line of products, PanelMate lets operators move easily from one machine to another.

Choose the product that meets your needs. PanelMate products support a variety of applications. Select a model that matches your operator interface needs. Optional features include display sizes, stainless steel front panels, keypads for operator input, and outdoor readable displays, to name a few. All PanelMate products are industrial grade for increased reliability in harsh environments.

Migrate to new PanelMate products with ease. If you utilize PanelMate products and want to upgrade to newer models, software tools are available to convert your existing application to save development time and money. In most cases new models fit the exact same panel cutouts as those being replaced. Where they don't, adapter plates are available to prevent any new cutting or drilling.

Connect, communicate and control with ease

The design of PanelMate operator interface products provides easy access to a wide range of PLCs and other devices using a variety of communication networks and protocols. As you would expect, PanelMate communicates with other Eaton products, such as the ELC, SVX drives, MVX drives and *IT.* MCCs, but also communicates with non-Eaton devices by using interface standards such as OPC. By standardizing on OPC for communication and delivering built-in OPC servers, rest assured that PanelMate products will work hand-in-hand with the hardware and software you employ to keep your application running smoothly and efficiently.

Modbus Plus

DeviceNet

Allen-Bradley DF1 Serial
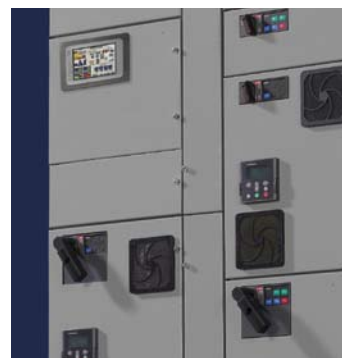
Wago Ethernet

Ethernet IP

GE SNP

GE EGD

Siemens S7

Modbus Ethernet

Modbus RTU

Modbus Plus

Mitsubishi A-Series

PanelMate®
ePro PS and Canvas

PanelMate ePro PS series set the standard for operator interface systems. By combining the flexibility of Microsoft's embedded operating systems with the stability and reliability of solid-state hardware and exclusive features like Protect Mode™ that protects the integrity of the operating system and software, the ePro PS performs dependably for all types of applications.

Allen-Bradley DF1 Serial

Modbus

Allen-Bradley

Modbus TCP

Omron Host Link

Siemens S7

Mitsubishi Ethernet

Modbus Plus

GE SNP

Siemens S5

PanelMate ePro PS: flexible performance. High performance PanelMate ePro PS products are cost-effective solutions. With integrated high-speed Ethernet, serial ports, USB ports, removable CompactFlash and PCMCIA, ePro PS meets a variety of user requirements. Built-in OPC servers, all solid-state hardware, and a protected software environment make the ePro PS the most powerful and robust OI platform available today.
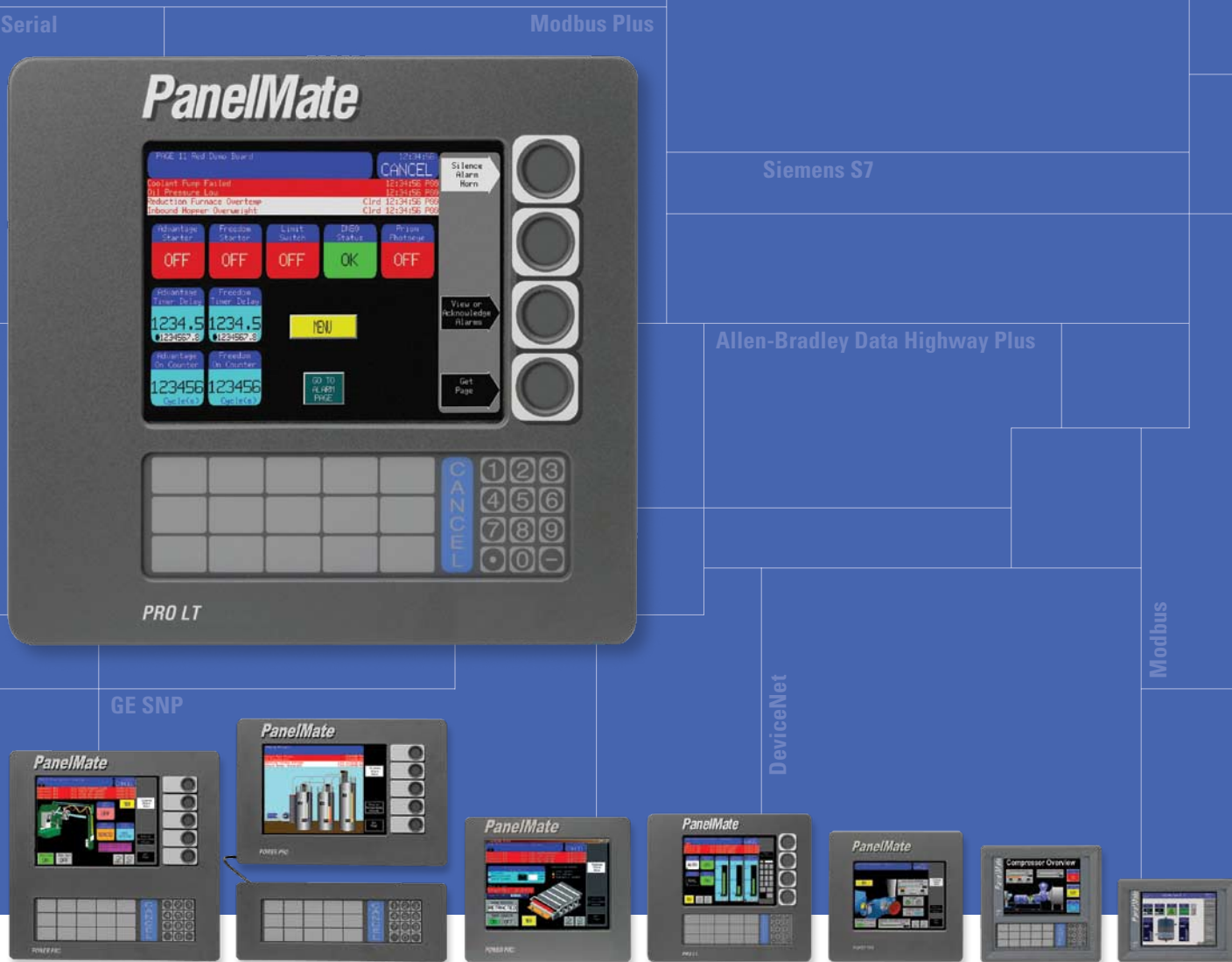
Canvas: feature-rich with global support. Configure ePro PS products with Canvas software. This simple yet powerful Windows-based software allows you to customize displays to provide the level of detail needed. Displays, graphics and component libraries may be shared and reused to save time when developing for multiple PanelMate applications or projects. Multi-language support

makes it easy to present operator displays in multiple languages. System security, recipe management, data trending and historical data archiving features provide ePro PS products with capabilities typically found in more expensive and complex SCADA systems.

Application accessories. A range of standalone touch-screen displays, software restore kits, protective touchscreen overlays and adapter plates accelerates installation time and protects your investment.

PanelMate®
Power Pro

PanelMate Power Pro is the proven standard for industrial electronic operator interface. This family of rugged OI products is the benchmark for easy-to-use, intuitive operator control.

DF1 Serial

Modbus Plus

Siemens S7

Allen-Bradley Data Highway Plus

DeviceNet

Modbus

GE SNP

PanelMate Power Pro: rugged design for rugged demands. Choose from a range of solutions with display sizes from 8" to 10" in touchscreen or keypad models. Keypad models are ideal for use in dirty, gritty environments where touchscreen panels are not well suited. With no moving parts and solid-state hardware it's a perfect solution for harsh environments. Standard connections include two optically isolated serial ports, a fault relay, audio output, a security key switch and plug-in support for a high-speed communications module.

Configuration Software: intuitive and easy to use. PanelMate Power Pro configuration software lets you develop configurations for Power Pro operator interface products. This straight-forward Windows-based software lets you create displays quickly and efficiently. Communication drivers support major protocols such as Allen-Bradley Data Highway Plus, DF1 Serial and Remote I/O, Modicon Modbus and Modbus Plus, Siemens, PROFIBUS DP, GE SNP, and DeviceNet.

Accessories: one-stop for everything you need. When communicating over high-speed networks such as Data Highway Plus or Modbus Plus, select the desired module and mount it to the back of your operator interface. This reduces your spare parts inventory and gets you up and running quickly.

Anti-glare and protective overlay options are ideal for use in dirty areas. Simply remove and replace the overlays to add years to the life of your touchscreen. Adapter plates facilitate the replacement of older PanelMate units without re-cutting or drilling the panel. All these accessories save you time and money and help customize your operator interface to meet specific applications.

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Eaton Corporation is a diversified industrial manufacturer ranked among the largest Fortune 500 companies. The electrical group is Eaton's largest division and is a global leader in electrical control, power distribution, power quality, automation, and monitoring products and services. Eaton's electrical products include brands such as Cutler-Hammer®, MGE Office Protection Systems, Powerware®, Holec®, and MEM®. Eaton provides PowerChain Management® solutions to serve the needs of the industrial, institutional, IT, data center, mission critical, utility, residential and OEM markets worldwide.

PowerChain Management solutions help enterprises achieve sustainable and competitive advantages through proactive management of the power system as a strategic, integrated asset throughout its life cycle. With Eaton's distribution, generation and power quality equipment; full-scale engineering services; and information management systems, the power system is positioned to deliver powerful results: greater reliability, operating cost efficiencies, effective use of capital, enhanced safety, and risk mitigation.

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