PANEL 800

Product Data Sheet

PP836

Function Key Operator Panel

DISPLAY RESOLUTION	DISPLAY COLOUR CAPACITY	DISPLAY ACTIVE AREA	SUPPLY VOLTAGE RANGE
640 x 480 pixels	**64K colours**	**131.5 x 98.6 mm**	**20 to 30 V DC**

ABB PP836 is a function key operator panel in the Panel 800 range. It provides local process displays and function-key interaction with the configured automation application. The PP836 version uses a colour TFT display and a membrane keyboard.

01 VERIFIED TECHNICAL DATA

Display resolution	640 x 480 pixels
Display colour capacity	64K colours
Display active area	131.5 x 98.6 mm
Supply voltage range	20 to 30 V DC
Normal input current	0.4 A
Maximum input current	0.9 A
Front enclosure protection	IP66
Rear enclosure protection	IP20
Application flash capacity	12 MB including fonts
RS-422/485 connector	25-pin female D-sub

Values follow the applicable manufacturer documents identified on page 2.

02 ADDITIONAL PRODUCT DATA

RS-232 connector	9-pin male D-sub
USB interface	USB 1.1 host A and device B
USB host output current	500 mA maximum
Vertical operating temperature	0 to +50 deg C
Operating humidity	5 to 85% non-condensing

03 DOCUMENTED USE SETTINGS

Oil Refining and Natural Gas Production: Petroleum Refining and Processing.

Chemical Manufacturing and Petrochemical Production: Industrial Chemical Manufacturing.

Electric Power Generation and Energy Production: Thermal Power Generation.

04 SYSTEM COMPATIBILITY

ABB PP836 is a function key operator panel in the Panel 800 range. It provides local process displays and function-key interaction with the configured automation application. The PP836 version uses a colour TFT display and a membrane keyboard.

05 PRODUCT EVIDENCE

Panel 800 manufacturer technical reference

AMIKON PRODUCT SUPPORT

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