

Digital Switching

PowerKey Pro 2600

(Part No. GPX-PKP2600)



FLEXIBLE - SMART - RUGGED

Changing your layout? Changing your functions? Changing your mind? No problem.

The **PowerKey Pro 2600** is the most versatile intelligent and affordable power distribution keypad available for any industry.

Continuing the quality standards and open protocols of its 2400 predecessor, the **PowerKey Pro 2600** adds new monitoring capabilities and custom features that are creating innovative applications for ruggedized, low cost user input device.

STANDARD FEATURES

- Reconfigurable keys
- Relegendable buttons
- LED state & status configurable
- Vertical or horizontal mount
- Flush-mount or front-mount
- LED backlit icons
- Multicolor indicator ring
- ON/OFF, momentary, toggle & scroll
- Over 100 stock icons to choose from

NEW SOFTWARE FEATURES

- Change CAN or RS485 keypad addresses independently
- Periodic status transmission
- Event status transmission
- LED acknowledgement
- Address claim transmission

NEW HARDWARE FEATURES

- More functions in a smaller footprint
- Smaller inserts
- Easy key location identifier

OTHER BENEFITS

- New CAN GUI
- New Programmers Manual available to help support plug-and-play reconfigurability
- Improved snap dome positive tactile feedback
- Can accommodate a bezel if required

INSERT LEGENDS

- Overlay
- Laser Etch
- Pad Print
- Blank
 - Clear insert, Black insert
 - And more

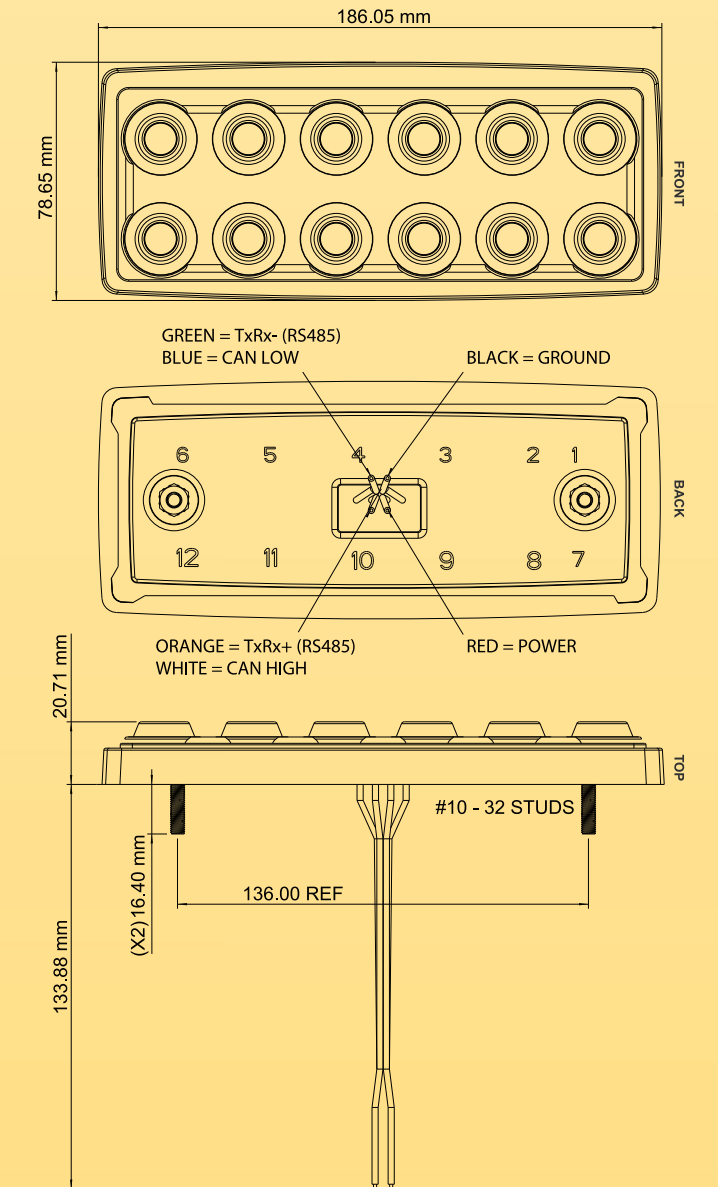
SPECIFICATIONS FOR STANDARD KEYPADS

ELECTRICAL

Supply Voltage	12-24Vdc Nominal
Standby Current	~1Amp
Communication BUS	RS485, CAN-Open, J1939/J1939-11, SmartCraft, RVIA/RVC, NMEA 2000 and more

MECHANICAL

Connector	Deutsch DT04-4P, Molex 19418-0004, Micro-C and more
Mating Connector	
Switch Life	3 million operations
Mechanical Shock	X,Y,Z 50Gs 11ms
Vibration	X,Y,Z 10 - 150Hz 0.15mm amp
Mounting Studs	#10-32 CDS-510 phosphor bronze, electroplated bright tin
Keypad	Silicone rubber with polyurethane hardcoat
PC Board	0.062" thick, Nema Grade FR-4, double clad with 1oz copper
PC board conformal coating/epoxy	All components are encased in electronics grade epoxy



Operating Temperature	-40° C to +85° C
Storage Temperature	-40° C to +85° C
Thermal Shock	-40° C to +72° C @ 4° C/Min
Humidity	0 to 98% (no condensation)
UV Protection	UBVB 400 hours
Salt Spray	Per ASTM B117
Chemical Resistance	Deet, Engine Cleaner, Isopropyl Alcohol, Suntan Lotion, Multi-Purpose Cleaner, Orange Citrus Cleaner
Ingress protection	IP67/NEMA 6

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