

DSSA
Digital Switching Systems Australia

Digital Switching

Smart
Rugged
Flexible



PowerKey Pro 2600

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.

(Part No. DSS-PKP2600)

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

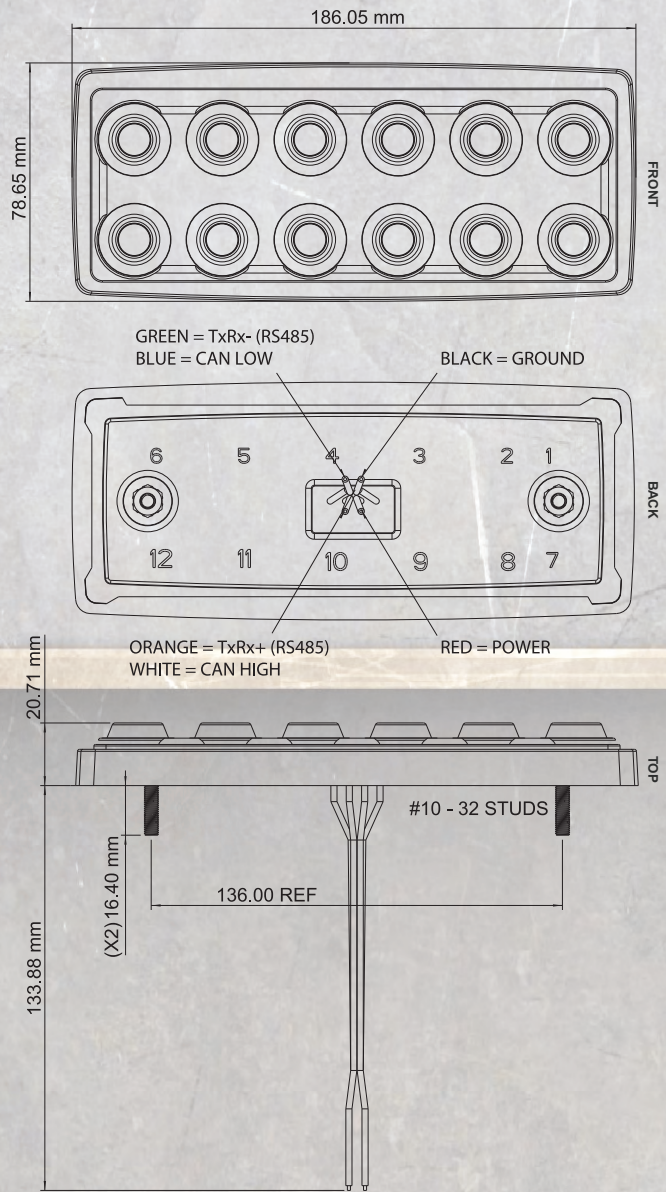
SPECIFICATIONS FOR STANDARD KEYPADS

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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