# DSSA
DIGITAL SWITCHING SYSTEMS AUSTRALIA

The POWERKEY 800 is in the family of keypads that gives a more traditional switch appearance to the panel. There is one indicator for every button, which is on when the corresponding function is on.

The POWERKEY 800 also offers vast flexibility to the OEM and end user. The Re-legendable Keypads have a pocket above each button that accepts a clear plastic insert. The insert can be silk screened or pad printed with text or symbols. All inserts are supplied blank. This unique keypad allows for customers to customise keypads on their own production floor. A versatile choice for all your needs.

STANDARD FEATURES:

➤ "Plug & Play" Installation
➤ Backlit for night viewing
➤ Available in 4Gang
➤ Customisable Inserts

POWERKEY 800R

E5899

VERSATILE - SMART - AFFORDABLE

◈ RS-485

MECHANICAL

Keypad Connector	Deutsch DT04-4P
Mating Connector	Deutsch DT06-4S
Switch Life	3 Million operations
Mounting Studs	#10-32 CDS-510 phosphor bronze, electroplated bright tin
Keypad	Silicone rubber with polyurethane hardcoat

ELECTRICAL

Supply Voltage	9-28 Volts DC
Standby Current	<10-30mA
Communication	RS-485 (Proprietary)

Operating Temperature	-20°C to +85°C
Storage Temperature	-20°C to +85°C
UV Protection	UBVB 400 hours
Chemical Resistance	EET, Engine Cleaner, Isopropyl Alcohol, Suntan Lotion, Multi-Purpose Cleaner, Orange Citrus Cleaner
Ingress Protection Rating	IP68
Approvals	CE

OTHER FEATURES

Size MM	95 x 140 x 27
Weight	240g

Clear Inserts
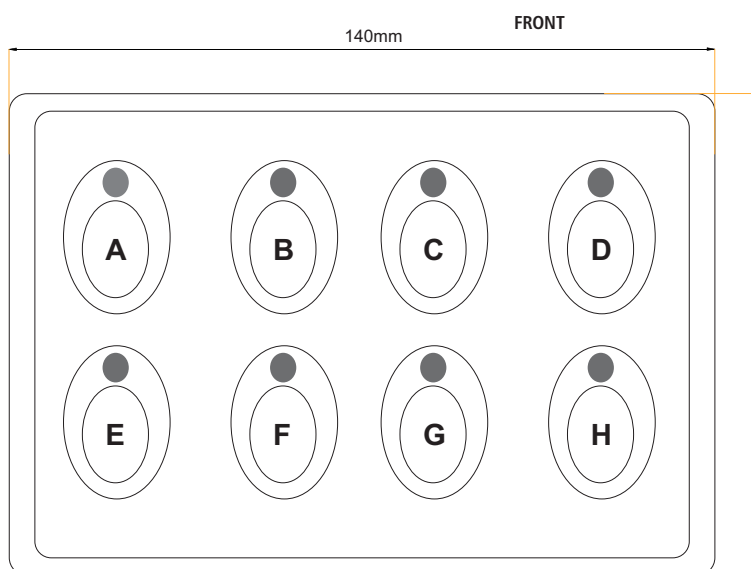
MOUNT ON A FLAT SURFACE ONLY

Part Number:	DSS-PK800R
Nut Size*:	10-32 UNF S/S
Washer Sizes:	M5 Spring Washer S/S, M5 Flat Washer S/S
Torque Maximum:	7 +/- 1 in. lbs

* DO NOT USE NYLOC NUTS

DIMENSIONS

140mm **FRONT**

A B C D

E F G H

95mm

SIDE

27 mm

16.50mm
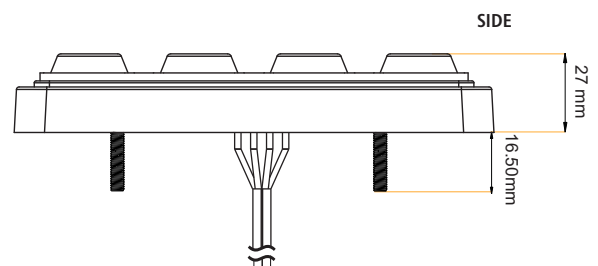
Connection Wire Lengths
From PCB: 304.8mm

RS-485 KEYPAD PIN-OUT

Pin	Wire Colour	Function
1	GREEN	TxRx-
2	YELLOW	TxRx+
3	BLACK	GROUND
4	RED	POWER (12V)

* Diagrams are NOT to Scale