

Digital Switching Systems LLC

“Delivering Power with Intelligence”



PI SERIES
Power Intelligence by DNA

Standard & Custom Products for Marine & Transportation Applications

DSS's Power Intelligence Series is a digital switching solution developed for the marine and transportation markets. It combines state-of-the-art digital switching technology with an attractive user-interface styling to provide designers with an extensive and exciting menu of switching solutions.

PowerCore Family Power Management Enclosures (PME)

The **PME** is the **intelligence** of the system. The **PME** receives switch requests from the keypad(s) and then processes these commands based on the current system status. The response to a switch request may be an activation or deactivation of a circuit, the start of a timed function, or, in systems with keyless ignition, the locking or unlocking of the system. The **PME** then sends the system status information to the keypads to turn on/off the indicator LEDs and backlights.



PowerCore 210

Solid State
21 Output
20A Max Current



PowerCore 100

Solid State
10 Output
20A Max Current



PowerCore 21

Solid State
21 Output
12A Max Current



PowerCore 16EM

Electro-mechanical,
21 Output
20A Max Current

DSS Pi Series systems are CAN bus compliant with both NMEA 2000 and Smartcraft protocols. Networking with each of these platforms is done via DSS's PowerGate 2000 and PowerGate SC



PowerKey Family Keypads

The Pi Series standard keypad offerings allow a designer to build a semi-custom system for a minimal cost. Each standard keypad is laser etched with a customer's specified button legends, text, or company logo. Available in 4, 6, 7, 8, 9, 10, & 14-positions with customizable laser-etched markings as well as 4 and 8-position relegendable keypads with interchangeable inserts



The "Pi-Series" **PowerMate 6** is a mechanical switch keypad which provides users with an entry-level price point solution that readily meets the versatility and ruggedness requirements imposed by today's high-volume switching applications. This low-cost, modular alternative to discrete switches incorporates the "classic" DSS styling without the associated costs for customization.

Custom Keypads Fully customized keypads



Accessory Components



"Known by the Company We Keep"

With literally thousands of installations currently in the field, DSS is the clear choice by many for their digital switching requirements. We significantly beat our competition in terms of installed units and satisfied users. Since the inception of this technology in 1999, our customer list has expanded to include some of the biggest names in the industry and we are proud to be the "Supplier of Choice" for their switching needs. Whether you choose one of our standard products or a custom system designed exclusively for you, DSS has the capability and experience to deliver a solution that will meet your needs.

Baja Marine
 BH Electronics
 Blink Srl
 Bluewater Marine Group
 Cable Assembly, LLC
 Correct Craft, Inc
 Fiberdome, Inc
 Harris Kayot, Inc
 H C Composites
 Instatrim Boat Leveler

Johnson Outdoors, Inc
 KCS International, Inc
 Linear Devices Corp
 M&G Electronic Corp
 Marathon USA, LLC
 Marine Electrical Product
 Mercury Marine
 Nautamatic
 Novatron
 Paulger Control Systems

Phaze II Products
 Ranger Boats
 Redfish Boats, LLC
 Sea Ray Boats
 Sea Sport Boats, Inc
 Shallow Water Boats
 Skeeter Products, Inc
 Skier's Choice, Inc
 Thetford Corp
 Tracker Marine
 Triumph Boats, Inc

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PO Box 31727 | Raleigh, NC | 27622-1727
 Tel: 919-881-0889 | Fax: 919-881-0144
www.digitalswitchingsystems.com