



## FEATURES

- Panel Mount  
(Multiple mounting options)
- Programmable Function Keys  
(single character)
- Membrane or Elastomeric Keypad
- 20 Key Standard Keypad
- Parameter Setup
- Up to 9,600 bps Communication
- NEMA 4/12
- Optional VT-100/ANSI 3.64  
Compatibility
- Three (3) Year Warranty

**Height:** 4.9 inches (124 mm)

**Width:** 4.9 inches (124 mm)

**Depth w/cover:** 1.3 inches (33 mm)

**Depth w/o cover:** 1.1 inches (28 mm)

**Weight:** 12 ounces (340 grams)

**Case Front:** Valox® 420

# SMT

## • panel mount terminal

Unit depicted with custom graphics

Looking for a rugged, low-cost panel mount terminal? The SMT is a fully functional ASCII terminal designed specifically for industrial applications. The SMT is flexible! Its menu programmable function keys can transmit a user-programmed character, while host equipment has direct control of cursor movement and appearance, clearing all or part of the display. Function key definitions and operating parameters are stored in non-volatile memory. Available I/O configurations include RS-232 and RS-422 as well as CMOS/LSTTL logic levels.

Selling globally? The SMT offers a variety of optional character sets such as Latin 1 or European. With the "programmable character" capability, you have the ability to create characters that are not supported in the display's font table. What better way to give your products a competitive edge!

Like all Two Technologies' products, the SMT is remarkably rugged. The case is molded from Valox® 420, one of the most durable, chemical-resistant materials available today. Proper mounting of the SMT, with the Two Technologies' mounting kit, assures NEMA 4/12 compliance. Securely framed and clamped into place, the keypad surface provides excellent splash resistance and prevents curling or peeling of the keypad overlay. Keypad layout includes a 20-key configuration and is available with standard or custom graphics.



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<b>DISPLAY</b>	<ul style="list-style-type: none"> <li>• 4 Line x 20 Characters</li> <li>• LCD Twisted Nematic Display (standard)</li> <li>• Supertwist Display</li> <li>• Supertwist Backlit (LED)</li> </ul>	<ul style="list-style-type: none"> <li>• Extended Temperature Supertwist Backlit (LED)</li> <li>• Vacuum Fluorescent Display (VFD)</li> <li>• Extended Temperature Vacuum Fluorescent Display</li> </ul>	
<b>KEYS &amp; SWITCHES</b>	<ul style="list-style-type: none"> <li>• Membrane or Elastomeric</li> <li>• Backlit (option)</li> </ul>	<ul style="list-style-type: none"> <li>• 20-key (maximum)</li> <li>• Phosphorescent (option)</li> </ul>	<ul style="list-style-type: none"> <li>• Standard or Custom Layout</li> <li>• Backlit Phosphorescent (option)</li> </ul>
<b>INTERFACE</b>	<ul style="list-style-type: none"> <li>• RS-232, RS-422, CMOS/LSTTL Level</li> <li>• Data rates: 300 - 9,600 bps</li> </ul>		
<b>POWER</b>	<ul style="list-style-type: none"> <li>• 5 VDC Regulated +/- 5%</li> </ul> <p><small>*maximum voltage depends on current draw</small></p>	<ul style="list-style-type: none"> <li>• 7.5-12 VDC Linear Regulator*</li> </ul>	<ul style="list-style-type: none"> <li>• 9.5-28 VDC Switching Regulator</li> </ul>
<b>ENVIRONMENT</b>	<ul style="list-style-type: none"> <li>• Nematic Displays</li> <li>• Storage Temp: -20°C to +70°C</li> <li>• Operating Temp: 0° to + 50°C</li> <li>• Extended Temp: -20°C to +70°C</li> </ul>	<ul style="list-style-type: none"> <li>• Vacuum Fluorescent Displays</li> <li>• Storage Temp: -20° to + 70°C</li> <li>• Operating Temp: -20° to + 70°C</li> <li>• Extended Temp: -40° to + 85°C</li> </ul>	<ul style="list-style-type: none"> <li>• Humidity 5-95% (non-condensing)</li> <li>• NEMA 4/12- panel mounted (using supplied hardware)</li> </ul>
<b>USER SELECTABLE OPTIONS</b>	<ul style="list-style-type: none"> <li>• Baud</li> <li>• Repeat</li> </ul>	<ul style="list-style-type: none"> <li>• Data Bits</li> <li>• Handshake</li> </ul>	<ul style="list-style-type: none"> <li>• Parity</li> <li>• Echo</li> <li>• Display PE</li> <li>• Self-Test</li> </ul>
<b>CUSTOM OPTIONS</b>	<ul style="list-style-type: none"> <li>• Default settings</li> <li>• Displays</li> <li>• Keypad graphics</li> <li>• I/O interface</li> <li>• Firmware</li> <li>• Case color</li> <li>• Logo Tag</li> </ul>		
<b>CERTIFICATIONS</b>	<ul style="list-style-type: none"> <li>• FCC Class A</li> <li>• CE*</li> <li>• CENELEC EN 55022</li> <li>• CISPR Class A</li> <li>• EN 50082.1</li> <li>• EN 60950</li> </ul> <p><small>*in standard configuration</small></p>		

