

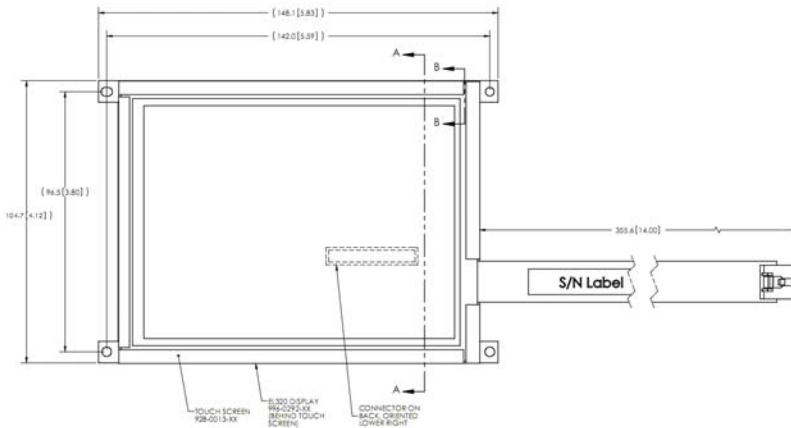
EL320.240.36-HB PT

TFEL display with Touch Screen and Privacy Filter



EL320.240.36-HB PT is a TFEL QVGA-display with glass-film-glass resistive touch screen and privacy filter.

Ideal for use in security, banking, healthcare, and ATM applications.



<p><u>Product Highlights:</u></p> <ul style="list-style-type: none"> • Glass film glass resistive touch screen • Privacy filter • Analog dimming • Extremely rugged and reliable TFEL display <p><u>Touch Screen Technical Specification</u></p> <p>Technology Glass film glass analog resistive 5-wre</p> <p>Top glass Anti Glare, hard coated</p> <p>Hardness 7H</p> <p>Temperature Operating -30 to +80 °C Storage -40 to +90 °C</p> <p>Humidity 90 % RH < +20 °C, Oper. 60 % RH at +60 °C, Oper. 40 % RH at +80 °C, Oper.</p> <p>Expected Life: 36 million single point activation</p> <p><u>Privacy Filter Technical Specification</u></p> <p>Technology Advanced light control film</p> <p>Viewing angle 48 ° ± 6 °</p>	<p><u>Display Technical Specifications:</u></p> <p>Technology Thin Film Electroluminescent</p> <p>Color Amber</p> <p>Response time < 1 ms</p> <p>Luminance 100 cd/m² typ. @ 250 Hz (areal) with touch screen</p> <p>Resolution 320 x 240 pixels</p> <p>Pixel pitch 0.36 x 0.36 mm</p> <p>Dimensions 148 x 105 x 24.3 mm (with TS)</p> <p>Active area 115 x 86 mm</p> <p>Supply voltages +5 Vdc and +8 to +18 Vdc</p> <p>Power 3.5 W typical @ 120 Hz 5.5 W typical @ 250 Hz</p> <p>MTBF > 50,000 hours</p> <p>Temperature Operating -40 to + 85 °C Survival -40 to +95 °C Storage -40 to +105 °C</p> <p>Humidity 93 % RH, Oper., IEC 68-2-3</p> <p>Altitude 18,000 m, Oper., IEC 68-2-13</p> <p>Shock 100g, 6 ms, IEC 68-2-27</p> <p>Vibration 5 to 500 Hz, .02 g²/Hz random IEC 68-2-36, test Fdb</p> <p>Interface 4-bit LCD type timing</p>
<p><u>Ordering Information:</u></p> <p>Product: EL320.240.36-HB PT</p> <p>Part number 997-5958-00LF</p> <p>Description: EL320.240.36-HB with touch screen and privacy film</p>	<p>The EL320.240.36-HB PT display assembly with the display, touch screen and the privacy filter is not tested and specified as one complete product.</p>
<p>Corporate Headquarters Planar Systems, Inc. 1195 NW Compton Dr Beaverton, OR 97006-1992, USA Toll-Free +1-866-475-2627 (United States & Canada) Phone: +1-503-748-1100 Fax: +1-503-748-5987 Email: sales@planar.com</p>	<p>European Headquarters Planar System, Inc Olarinluoma 9, P.O.Box 46 FI-02201 Espoo, Finland Phone +358 9 4200 01 Fax: +358 9 4200 200 Email: intlsales@planar.com www.planar.com www.planarembedded.com</p>
<p>@ 2011, Planar Systems, Inc. Planar is a registered trademark of Planar Systems, Inc. Technical information in this document is subject to change without notice. Please consult your account manager for up to date and/or custom configurations. January 24, 2011</p>	