The unique packaging of DMS Series panel meters makes them ideal for use in traditional panel-mount applications and not-so-traditional printed circuit board applications. This application note illustrates the more popular methods of panel mounting Murata Power Solutions’ state-of-the-art digital panel meters. The illustrations shown are generic in nature and apply to all DMS-20/30/40 meters and 2-wire instruments. Panel cutout and drill dimensions are shown in the individual product data sheets.

**Bezel Assembly and PC Board Mounting**

Four ABS-plastic bezel assemblies are available (see Ordering Guides) for aesthetics or environmentally-demanding applications. For those applications requiring moisture and/or dust resistance, two bezels are offered with EPDM sealing gaskets. The gasket is installed around the meter and seals the perimeter of the bezel/meter/panel interface. For added durability, all bezels feature threaded metallic screws and inserts.

**Retaining Clip Mounting**

The preformed, metal retaining clip supplied with DMS Series meters implements a quick and secure, cost-effective panel mounting method. The manually installed retaining clip provides a smooth, flush-mounted installation that occupies a minimal amount of front panel real estate.

**Behind-the-Panel Mounting**

Many customers use this assembly method when space is at a premium and/or a custom panel overlay is used. Murata Power Solutions offers windowed bezel assemblies (for red LED meters only) that simply “snap” into panel cutouts. Two windowed bezels are available.

For a complete list of Murata Power Solutions Panel Meter Accessories, visit www.murata-ps.com/dpm.

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