ION 8600 Intelligent Metering and Control Device

Overview

Used to monitor electric power networks, service entrances and substations, the ION® 8600 series are the world's most advanced socket-based energy meters, providing high accuracy metering with a wide range of capabilities.

The ION 8600 series meters give you the tools to manage complex energy supply contracts that include commitments to power quality, integrate them with SCADA, CEMS, software, ION Enterprise® software, or other energy management and SCADA systems through multiple communication channels and protocols, including MV-98.

ION 8600 series meters with Extended Current Range are ideal for independent power producers and co-generation applications that need to accurately measure energy bi-directionally in both generation and stand-by modes.

Patented ION® technology lets you customize metering or analytic functions of your workstation, without any hard-wiring. Just graphically link a few drag-and-drop icons, or select default setups, and you're ready to go.

Certain features are only available as options. Please refer to the detailed descriptions within, for a complete list of feature availability.
**Back-Connected Switches**

Any Meter Devices test switch can be supplied in a back-connected version whereby the switch is mounted on one side of a panel and the wiring connections are made on the opposite side. Back-connected switches are designated by the catalog number prefix and the suffix "B", i.e., #130-545800B. Back-connected switches are furnished as standard with insulated bushings for steel panel mounting. Switches may also be supplied without bushings for panels that are insulated. Please specify without bushings when required.

**Flush-Mounted Switches**

Meter Devices Switches can be supplied mounted in our Flush Mounting Cases with cover. These

Cat no. 130-54583B-LP
Back wired with bushings. Cover is included with this part number.
Solid Covers for Back Connected Test Switches

<table>
<thead>
<tr>
<th>CLEAR Cat. #</th>
<th>w/ Optional Captive Hardware</th>
<th>BLACK Cat. #</th>
<th>w/ Optional Captive Hardware</th>
<th>Dimensions A</th>
<th>Dimensions B</th>
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<tbody>
<tr>
<td>115-204LB</td>
<td>115-204LBCH</td>
<td>115-204PB</td>
<td>115-204PBCH</td>
<td>4-5/8</td>
<td>3-1/2</td>
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<td>115-207LBCH</td>
<td>115-207PB</td>
<td>115-207PBCH</td>
<td>7-5/8</td>
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<td>115-209LBCH</td>
<td>115-209PB</td>
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<td>115-211LBCH</td>
<td>115-211PB</td>
<td>115-211PBCH</td>
<td>11-5/8</td>
<td>10-1/2</td>
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Order a 13 terminal Ring and Block assembly block, not the 15 terminal block