Enclosures for XW, HW & TW 22mm Switches and Pilot Devices

Key features:
- Three compact sizes (mm): 76 x 76, 140 x 76 and 200 x 76
- Available in 1, 2, 3, 4 or 5 mounting hole configurations
- Easy installation: panel, wall or frame mountable
- Polycarbonate enclosure cover and base, stainless steel screws
- UL Listed, RoHS Compliant
- IP65 and Type 4X rated (when installed with IP65 or Nema Type 4X unit)
- Class II electric shock protection (when installed with applicable unit)
- Ideal for high temperatures (-25 to +60°C) and corrosive environments

Specifications

<table>
<thead>
<tr>
<th>Operating Conditions</th>
<th>Ambient temperature</th>
<th>-25 to +60°C (no freezing)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Relative humidity</td>
<td>45 to 85%RH (no condensation)</td>
<td></td>
</tr>
<tr>
<td>Storage temperature</td>
<td>-40 to +80°C (no freezing)</td>
<td></td>
</tr>
<tr>
<td>Degree of pollution</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Degree of Protection</td>
<td>IP65 (when IP65 switches and pilot devices are installed)</td>
<td>Type 4X Indoor Use Only (when Type 4X switches and pilot devices are installed)</td>
</tr>
<tr>
<td>Electric Shock Protection</td>
<td>Class II (when class II switches and pilot devices are installed)</td>
<td></td>
</tr>
<tr>
<td>Material</td>
<td>Cover and base</td>
<td>Polycarbonate</td>
</tr>
<tr>
<td></td>
<td>Cover mounting screws</td>
<td>Stainless steel</td>
</tr>
<tr>
<td>Applicable Switches and Pilot Devices</td>
<td>HW, TW and XW series switches, pilot devices and accessories (see note below)</td>
<td></td>
</tr>
<tr>
<td>Weight (approx.)</td>
<td>76mm type: 125g (FB1W-111Z)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>140mm type: 184g (FB2W-211Z)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>200mm type: 243g (FB3W-311Z)</td>
<td></td>
</tr>
</tbody>
</table>

Choose switches, pilot devices and accessories that match the mounting hole centers, effective depth behind the cover, and the thickness of the cover where switches and pilot devices are installed (3 mm). Enclosures with 30 or 36mm mounting hole centers may limit the knob orientation of selector switches because the contact blocks can be mounted in one direction only on these mounting centers.

Enclosure Part Numbers

<table>
<thead>
<tr>
<th>Size (mm)</th>
<th>Description</th>
<th>Part Number</th>
<th>Distance Between Hole Centers (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>76 x 76 x 59.5</td>
<td>Enclosure 1 hole, Yellow</td>
<td>FB1W-111Y</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Enclosure 1 hole, Beige</td>
<td>FB1W-111Z</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Enclosure 2 hole, Beige</td>
<td>FB2W-211Z</td>
<td>50</td>
</tr>
<tr>
<td></td>
<td>Enclosure 3 hole, Beige</td>
<td>FB2W-312Z</td>
<td>30</td>
</tr>
<tr>
<td>140 x 76 x 59.5</td>
<td>Enclosure 3 hole, Beige</td>
<td>FB3W-311Z</td>
<td>50</td>
</tr>
<tr>
<td></td>
<td>Enclosure 4 hole, Beige</td>
<td>FB3W-413Z</td>
<td>36</td>
</tr>
<tr>
<td></td>
<td>Enclosure 5 hole, Beige</td>
<td>FB3W-512Z</td>
<td>30</td>
</tr>
<tr>
<td>200 x 76 x 59.5</td>
<td>Enclosure 5 hole, Beige</td>
<td>FB3W-512Z</td>
<td></td>
</tr>
</tbody>
</table>

FB Enclosures

Switches & Pilot Devices

Signaling Lights

Relays & Sockets

Timers

Contactors

Terminal Blocks

Circuit Breakers

www.IDEC.com
FB Enclosures

External Dimensions (mm)

Internal Dimensions (mm)

External Back Dimensions (mm)

Mounting

Mounting Hole Dimensions

Switches & Pilot Devices

FB1W-111Y/Z
FB2W-211Z
FB2W-312Z
FB3W-311Z
FB3W-413Z
FB3W-512Z

FB9Z-PK1 Frame Mounting Adapter

Four M4 Tapped Screw Holes

Two M4 Tapped Screws (supplied)

Shape

Model FB1 FB2 FB3
D 45 92 150

Model FB2 FB3
A 84 144
B 104 164
C 106 166

Model FB2 FB3
A 84 144
B 104 164
C 106 166

Model FB1
45mm Mounting Centers
50mm Mounting Centers
36/50mm Mounting Centers
30mm Mounting Centers

Shape

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