

2011/12/21

TB-20111203

**Subject: The unification of terminal cover plate of RC2 series compressor (model RC2-100~930 A/B)**

**Description:**

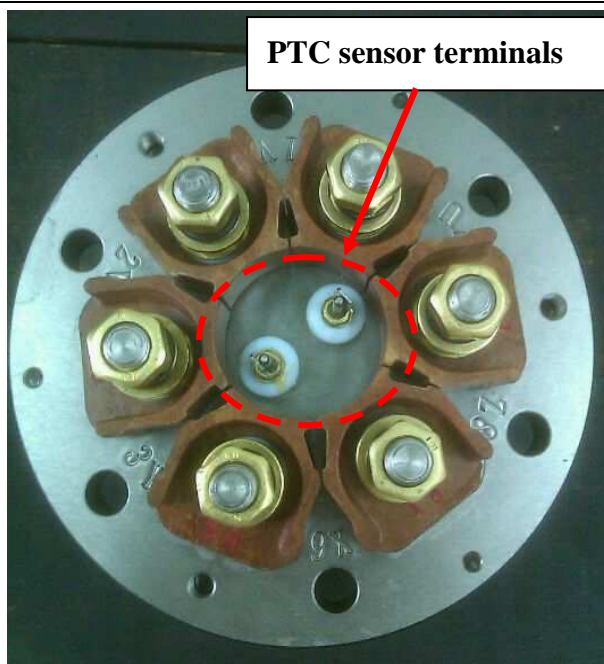
There are two types of terminal cover plate for Hanbell RC2 series compressor (model RC2-100~930 A/B): one is with six power bolts and one set of sensor terminals (PTC) and the other is with six power bolts and two sets of sensor terminals (PTC & Pt-100 or Pt-1000). The two types of terminal cover plates are used according to compressor with motor temperature sensor Pt-100 or Pt-1000 or not. To simplify the management of terminal cover plate materials, Hanbell will provide only one type of terminal cover plate which is with six power bolts and two sets of sensor terminals (PTC & Pt-100 or Pt-1000) from 2012 (Compressor S/N: 2EXXXXX).

**Difference before and after engineering change:**

For RC2-series compressor with motor temperature sensor Pt-100 or Pt-1000, the outline of terminal cover plate will be the same before and after the engineering change. For RC-2 series compressor without motor temperature sensor Pt-100 or Pt-1000, the outline of terminal cover plate will be changed as shown below but Pt-100 or Pt-1000 sensor terminals are not effective.

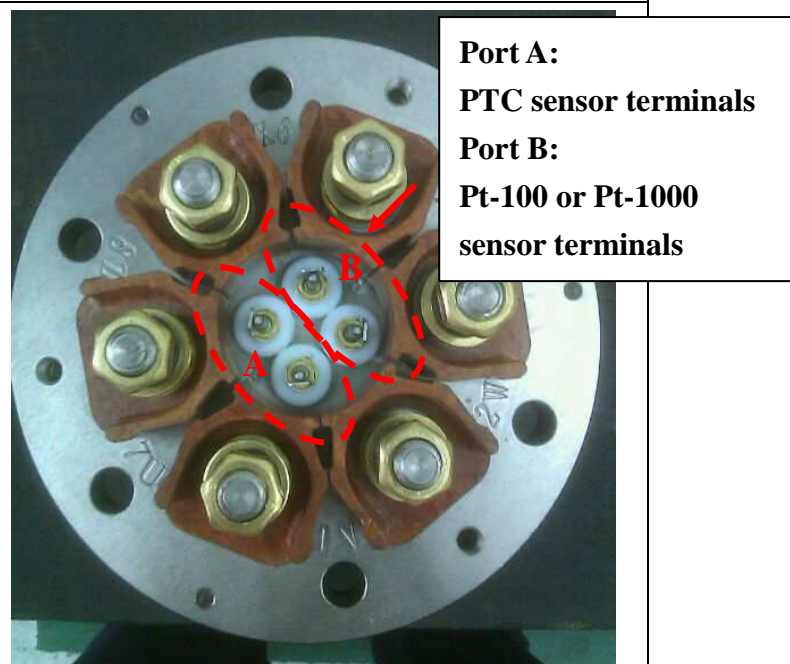
**Before engineering change**

Model: RC2-100、140、180 A/B

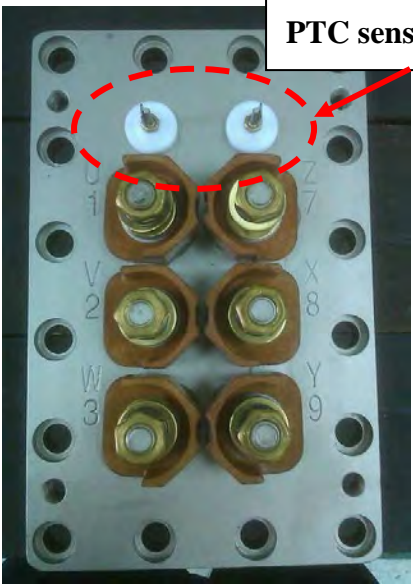



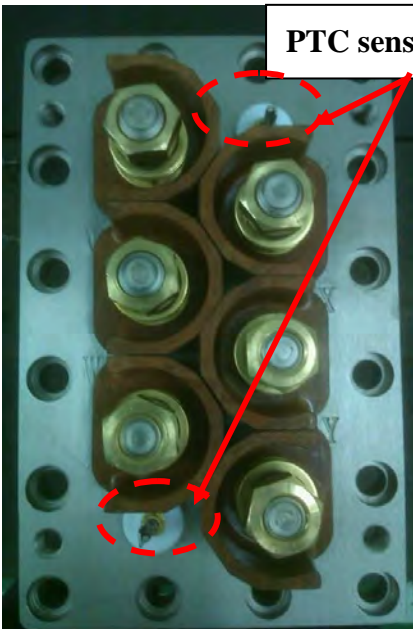
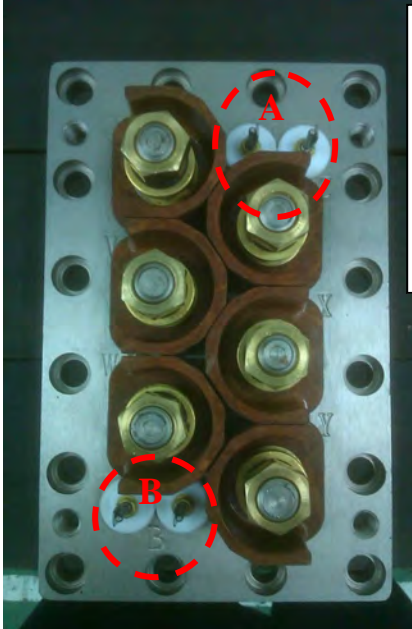
**After engineering change:**

Model: RC2-100、140、180 A/B



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<p><b>Before engineering change</b>                  Model: RC2-170~830A、RC2-170~RC2-610B,                  RC2-180A/B excluded</p>	<p><b>After engineering change:</b>                  Model: RC2-170~830A、RC2-170~RC2-610B,                  RC2-180A/B excluded</p>
 <p>PTC sensor terminals</p> <p>The image shows a terminal block with two PTC sensor terminals at the top, circled in red. Below them are Pt-100 or Pt-1000 sensor terminals. The terminals are labeled with letters V, W, X, Y and numbers 1, 2, 3, 8, 9.</p>	 <p>Port A:                  PTC sensor terminals                  Port B:                  Pt-100 or Pt-1000                  sensor terminals</p> <p>The image shows the same terminal block after the change. The PTC sensor terminals are now labeled 'Port A' and the Pt-100 or Pt-1000 sensor terminals are labeled 'Port B'. Both are circled in red.</p>

<p><b>Before engineering change</b>                  Model: RC2-710B、790B、830B、930A/B</p>	<p><b>After engineering change:</b>                  Model: RC2-710B、790B、830B、930A/B</p>
 <p>PTC sensor terminals</p> <p>The image shows a terminal block with PTC sensor terminals at the top and Pt-100 or Pt-1000 sensor terminals at the bottom. The PTC sensor terminals are circled in red.</p>	 <p>Port A:                  PTC sensor terminals                  Port B:                  Pt-100 or Pt-1000                  sensor terminals</p> <p>The image shows the same terminal block after the change. The PTC sensor terminals are now labeled 'Port A' and the Pt-100 or Pt-1000 sensor terminals are labeled 'Port B'. Both are circled in red.</p>