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Designation for 6U, 1/2x19" casing with 1 TRM

<table>
<thead>
<tr>
<th>Module</th>
<th>Slot</th>
<th>Terminal</th>
</tr>
</thead>
<tbody>
<tr>
<td>CDU</td>
<td>pCOM</td>
<td>X0, X1, X8, X9, X304</td>
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<tr>
<td>PSM</td>
<td>pPSM</td>
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<td>TRM</td>
<td>p2</td>
<td>X101, X102</td>
</tr>
<tr>
<td>B/O</td>
<td>p3</td>
<td>X321, X324</td>
</tr>
<tr>
<td>B/O</td>
<td>p4</td>
<td>X326, X329</td>
</tr>
<tr>
<td>B/O</td>
<td>p5</td>
<td>X331, X334</td>
</tr>
<tr>
<td>B/O</td>
<td>p6</td>
<td>X336, X339</td>
</tr>
</tbody>
</table>

p = Position

Rear view terminal

X307  X101  X326  X331  X336
X309  X102  X324  X329  X334  X339
X304  X410
Designation for 3U, 1/1x19" casing with 1 TRM

<table>
<thead>
<tr>
<th>Module</th>
<th>Slot</th>
<th>Terminal</th>
</tr>
</thead>
<tbody>
<tr>
<td>COM</td>
<td>pCOM</td>
<td>X0, X1, X8, X9, X304</td>
</tr>
<tr>
<td>TRM</td>
<td>p2</td>
<td>X101, X102</td>
</tr>
<tr>
<td>PSM</td>
<td>pPSM</td>
<td>X317, X319, X420</td>
</tr>
<tr>
<td>BIO</td>
<td>p3</td>
<td>X321, X324</td>
</tr>
<tr>
<td>BIO</td>
<td>p4</td>
<td>X326, X329</td>
</tr>
<tr>
<td>BIO</td>
<td>p5</td>
<td>X331, X334</td>
</tr>
<tr>
<td>BIO</td>
<td>p6</td>
<td>X336, X339</td>
</tr>
</tbody>
</table>

p = Position

Rear view terminal:

---

Based on  
Prepared 2011-08-23  
Approved 2011-11-30  
Project  
Title Connection Diagram  
RT1650 (2W/1G3) A01A  
ANSI symbols  
Resp.dept.  
PSX/TPLA  
Rev Inst.  
Sheet 3

Rev. 1  
Rev. Note  
Date  
Name  
Doc.No. 1MRK006502-GC  
Doc.kind  
Ref.des.  
ABB AB
Power supply module 48–125 VDC (PSM)

---

Observe polarity sequence
Power supply module 110–250 VDC, 100–240 VAC (PSM)

Configuration plant adapted

Rock casing

6U, 1/2x19" X307 X410 X309

3U, 1/1x19" X317 X420 X319

Observe polarity sequence
Transformer module (TRM)

Compression or ringlug terminals

- Indicates polarity mark. Note that internal polarity can be adjusted by setting of analog input CT neutral direction and or on SMAE pre-processing function blocks.
Binary input/output module (BIO)

- Configuration plant adapted

- Observe polarity sequence

- Connections diagram with labels:
  - X321
  - X324
  - C1
  - C2
  - C3
  - S1
  - S2
  - S3
  - S4
  - S5
  - S6
  - B101
  - B102
  - B103
  - B104
  - B105
  - B106
  - B107
  - B108
  - B109

- Diagram with various connections and labels.
Binary input/output module (BIO)

Configuration plant adapted
C1 MDG1-50BF_TRIP
C2 MDG2-50BF_TRIP
C3 SPARE
S1 BY1_TRIP
S2 BYN_TRIP
S3 CURRENT_TRIP
S4 VOLTAGE_ALARM
S5 TCS_ALARM
S6 TESTMODE_ALARM
B101 TC_AUTORCTRL
B102 W011_BKR_CLOS
B103 SPARE
B104 W022_BKR_CLOS
B105 W022_BKR_OPEN
B106 SPARE
B107 SPARE
B108 OIL_TEMP_ALARM
B109 W002_IMP_ALARM

Observe polarity sequence