DC I/O Modules Introduction

Rockwell publication numbers
  Digital Modules   um058c-en-p
  Analog Modules

ControlBus Connector
Status Indicators
Top Guide
Connector Pins
Bottom Guide
Locking Tab
Slots for Keying
Removable Terminal Block RTB
Interface Module IFM

LED Status Information
I/O Status
Diagnostic Module - Fault Status
Electronically Fused – Fuse Status

Digital I/O Modules - inputs from
  Sensors
  Pushbuttons
  Motor
  Limit Switch

  Input module - detect a voltage as being on or off on each point.
  Output module – output a voltage or no voltage on each point.

Analog I/O Modules –
  Inputs from
    Gauges & Meters
Local and Remote I/O Modules

Module ID
   I or O
       B for DC
       A for AC

   Number of points or channels
       Diagnostic, Electronic Fusing, Individually
       Isolated, Voltage, Current

General Tab
   Electronic Keying
       Exact Match
       Compatible Module (all except minor revision)
       Disable Keying – match module type only

Input module – may have several owners.
Output module – only one owner.
Connection
   Requested Packet Interval (RPI)

Diagnostic Features
   Open Wire Detection
   Field Power Loss
   No Load
   Field-Side Output Verification
   Point-Level Electronic Fusing
   Diagnostic Latching

I/O Module Tag
Location
<table>
<thead>
<tr>
<th>Slot</th>
<th>Type</th>
<th>Member</th>
<th>Submember</th>
<th>Bit - I/O Point</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Local:2:I.Data.6</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Local:9:0.Data.3</td>
</tr>
</tbody>
</table>