**PB\_EN\_RA\_DLR**

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| **Version** | **Release Notes** |
| 1.2 | Add Supervisor Dialer Disable and Enable Check AOI |

**Description**: This UDT contains Booleans intended to provide enable functions to alarms that may be implemented in a dialer callout routine. This UDT is not intended to be used on its own; it will often be a child member of a larger device UDT.

**Naming Convention**: This UDT will generally be named using fragments 5 and 6, with the first fragment being either PB or DA. The tag will then inherit the rest of the naming fragment from its parent UDT.

**UDT Members**

| **UDT Member** | **Datatype** | **Description** | **Usage** |
| --- | --- | --- | --- |
| ADDON | Enable\_Check\_V1 | Used to see if any of the enable bits are disabled | Implemented within larger Device AOIs |
| RE | BOOL | Raw Enable | Implements raw enable for the associate value. When disabled the trigger logic for the value is not processed. |
| DE | BOOL | Operator Dialer Enable | Implements Dialer Enable Control for Operators |
| SR | BOOL | Supervisor Dialer Enable | Implements Dialer Enable Control for Supervisors |
| DS | BOOL | At least one of RE,DE,SR is disabled | Used for indication disabled status on HMI |

**AOI**

The AOI will be implemented in the parent device AOI to see if any of the enables associated with the alarm are disabled. The DS bit is available as an optional output to allow the programmer to provide visualization on SCADA that an alarming component is disabled. The mappings of tags within a parent AOI are fixed and cannot be changed by the programmer.

| **AOI Parameter** | **Requirement** | **Default Value** | **Description** | **Implementation Guideline** |
| --- | --- | --- | --- | --- |
| Enable\_Check\_V1 | Mandatory | *Tagname.*ADDON | Add-on Instruction | N/AP |
| Raw\_Enable | Mandatory | *Tagname.*RE | Raw Enable | N/Ap |
| Dialer\_Enable | Mandatory | *Tagname.*DE | Operator Dialer Enable | N/Ap |
| Super\_Dialer\_Enable | Mandatory | *Tagname.*SR | Supervisor Dialer Enable | N/Ap |
| Disabled | Mandatory | *Tagname****.***DS | At least one component of signal disabled | N/Ap |

**AOI Operation Description**

If any of the RE, DE, or SR bits are in the disabled state, DS is set to true.

**Programming Examples**

Any UDT that has child tags configured as datatype PB\_EN\_RA\_DLR will have this AOI implemented within the parent AOI to provide the necessary status information about the state of the alarm enables.

**HMI Integration**

These tags will generally integrate with dialer alarm objects and dialer overview screens. Sample dialer objects and dialer screens are provided in the InTouch baseload.