1. **GENERAL DATA AND INFORMATION:**

Bay No. : Aux. Voltage :

Bay Name : Serial No. :

Manufacturer : Order No. :

Drawing and Sh. No. : Conn. Diag. No. :

Type of Stabilizing Resistor: Current Rating :

1. **RELAY SETTINGS:**

 Ks= N= Kt= Rpp=

Pilot loop Resistance:

Stabilizing Resistor Value:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Load | MW | Import/Export | MVAR | Import/Export |
| Local |  |  |  |  |
| Remote |  |  |  |  |

1. **ON LOAD TEST (TCS-P-105-R1-5.23.2)**
* Make the 87PW protection out of service.
* Make the jumper in the MCRI Contact 2 & 4 to enable 87PW protection.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Phase In Service | Phase Disco. And Short | Pilot Normal | Relay | Pilot Reverse | Relay | Values of Ks |
| Main pilot | Local Relay | Remote Relay | OP | RES | Main Pilot | Local Relay | Remote Relay | OP | RES |
| L | R | L | R |  |  |  | L | R | L | R |  |
| R-Y-B-N |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| R-N |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Y-N |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| B-N |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| R-Y |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Y-B |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| B-R |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| R-Y-B-N |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

* Remove the jumper wire form the MCRI Relay contact 2& 4
* Normalize the CT Circuits
* Normalize all the pilot Circuits
* Put the Protection in to service