

16031-DS-001, GPR-1/GPR-2 Beckwith M-3425A Multifunction Generator Protection Relay Tripping Matrix

[illegible]

Notes:

1. Device 64F not shown in table above, however is required. The supplier may use their standard relay in lieu of the optional Field Ground Detection with M-3921, external coupler module.

2. Also include the Comprehensive Protection System, target module (M-3925A), HMI module (M-3931), redundant power supply (M-3948), and additional I/O module.

3. It is the responsibility of the Supplier to provide redundant LO relays for inadvertent energization protection.

4. The IPS logic profiles, output contacts, blocking contacts, and input initiate contacts will append and/or change depending on where the GCB is located (low or high side of the GSU).

5. The tripping matrix is for **EXAMPLE ONLY** and is not meant to convey the specifics of any particular project. It is intended, however, to convey the quantity and type of protective functions, contacts, etc. which are required.

6. Confirm how relay outputs are connected to lockout relays and in alarm circuits.