|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Protection Operated | Protection Panel  Indication | | | | | | Phase  Segregation | LEDs’ on Relay | SAS HMI Alarm | CB  Operation | | | INST.  IN/OUT |
| REQ650  INST. OC | TRIP INST. | 86BC OPTD |  |  |  | CBF INIT | R – Y – B | OC START + OC TRP R-PH  + OC TRIP Y-PH  + OC TRIP B-PH  + CBF INITIATION | 86BC OPTD  + CB CLOSE LOCK OUT  + CBF INITATION  + 50 PROT OPTD | TRIP BY TC1 | TRIP BY TC2 | CB CLOSE BLK | IN/OUT CHECKED |
| OK | OK |  |  |  | OK | OK | OK | OK | OK | OK | OK | OK |
| REQ650  IDMT OC | TRIP DELAYED | 86BC OPTD |  |  |  | CBF INIT | R – Y – B | OC START + OC TRP R-PH  + OC TRIP Y-PH  + OC TRIP B-PH  + CBF INITIATION | 86BC OPTD  + CB CLOSE LOCK OUT  + CBF INITATION  + 51 PROT OPTD | TRIP BY TC1 | TRIP BY TC2 | CB CLOSE BLK | IN/OUT CHECKED |
| OK | OK |  |  |  | OK | OK | OK | OK | OK | OK | OK | OK |
| REQ650  INST. EF | TRIP INST. | 86BC OPTD |  |  |  | CBF INIT |  | EF START  + EF TRIP | 86BC OPTD  + CB CLOSE LOCK OUT  + CBF INITATION  + 50N PROT OPTD | TRIP BY TC1 | TRIP BY TC2 | CB CLOSE BLK | IN/OUT CHECKED |
| OK | OK |  |  |  | OK |  | OK | OK | OK | OK | OK | OK |
| REQ650  IDMT EF | TRIP  DELAYED | 86BC OPTD |  |  |  | CBF INIT |  | EF START  + EF TRIP | 86BC OPTD  + CB CLOSE LOCK OUT  + CBF INITATION  + 51N PROT OPTD | TRIP BY TC1 | TRIP BY TC2 | CB CLOSE BLK | IN/OUT CHECKED |
| OK | OK |  |  |  | OK |  | OK | OK | OK | OK | OK | OK |
| REQ650  CBF |  |  | 86B1B OPTD | 86CBF OPTD | 86B2B OPTD | CBF INIT |  | CBF INITIATION  + CBF OPTD | 86B1B OPTD + 86B2B OPTD  + 86CBF OPTD + CBF INIT.  + CBF OPTD + CB CLOSE LOCKOUT | TRIP BY TC1 | TRIP BY TC2 | CB CLOSE BLK |  |
|  |  | OK | OK | OK | OK |  | OK | OK | OK | OK | OK |  |