

REFERENCE DRAWING

..DWG NO. FA2-011/63078

SINGLE LINE DIAGRAM..

600/300

600/300

: 1/1 A

: 1/1 A

- FOR OUTGOING 22 KV.

- FOR CAPACITOR BANK

20VA/0.5FS5 , 20VA/5P20

20VA/0.5FS5 , 20VA/5P20

**EXPLANATION** DISTANCE TIME-STEP PHASE AND GROUND DISTANCE RELAY DIRECTIONAL PHASE OVERCURRENT RELAY DIRECTIONAL GROUND OVERCURRENT RELAY SYNCHROCHECK RELAY AUTOMATIC RECLOSING RELAY BREAKER FAILURE RELAYING NON-DIRECTIONAL INSTANTANEOUS AND TIME PHASE OVERCURRENT RELAY NON-DIRECTIONAL INSTANTANEOUS AND TIME GROUND OVERCURRENT RELAY NON-DIRECTIONAL TIME GROUND BACKUF TRANSFORMER DIFFERENTIAL RELAY TRANSFORMER RESTRICTED EARTH FAULT RELAY THIS RELAY SHALL BE INCORPORATED IN THE TRANSFORMER DIFFERENTIAL RELAY (87T) UNDER/OVER VOLTAGE RELAY AUTOMATIC VOLTAGE REGULATOR BUS DIFFERENTIAL RELAY-HIGH IMPEDANCE TYPE BUSBAR SUPERVISION RELAY FOR BUSWIRE SUPERVISION FOR 87B ARC DETECTOR RELAY FOR ARC PROTECTION SYSTEM UNDER FREQUENCY RELAY CAPACITOR CURRENT UNBALANCE SENSING RELAY POWER FACTOR CONTROLLER DIGITAL POWER METER DISTRIBUTED I/O MODULE (PROVIDED IN CSCS) DIGITAL VOLTMETER SYNCHRONIZING SWITCH,3-POSITION,AUTO-OFF-MA SYNCHRONIZING LAMP VOLTMETER FREQUENCY METER SYNCHROSCOPE LINE INDICATING LAMP S CURRENT TEST SWITCH POTENTIAL TEST SWITCH LOCATED IN THE SWITCHYARD JUNCTION BOX LOCATED IN THE CONTROL OR RELAY BOARD LOCATED IN THE 22 kV SWITCHGEAR JUNCTION BOX FOR 22 kV SWITCHGEAR CONTROL & WYE CONNECTED CT OF SECONDARY WINDING DELTA CONNECTED CT OF SECONDARY WINDING (IF ANY) TRANSFORMER BUSHING CT OF SECONDARY WINDING WYE CONNECTED FOR PHASE OR NEUTRAL

KP0-M