

TECHNICAL SPECIFICATION
AUTOMATIC TRANSFER SWITCH
DBP CLAVER BRANCH

I.

SPECIFICATION

AC VOLTAGE INPUT RANGE	: 160 TO 230 Vac
FREQUENCY	: 50/60Hz
GENERATOR START RELAY	: 7A @ 250 Vac Max.
TRANSFER TO NORMAL RELAY	: 5A @ 250 Vac Max
TRANSFER TO STANDBY RELAY	: 5A @ 250 Vac Max
ALARM OUTPUT AUXILIARY RELAY	: 7A @ 250 Vac Max

ADJUSTABLE TIMERS

TIME DELAY NORMAL TO EMERGENCY (TDNE)	: 0 TO 250 SECONDS
TIME DELAY ENGINE START (TDES)	: 0 TO 30 SECONDS
TIME DELAY EMERGENCY TO NORMAL (TDEN)	: 0 TO 999 SECONDS
TIME DELAY ENGINE COOL DOWN (TDEC)	: 0 TO 250 SECONDS
TIME DELAY – OFF (TDOFF)	: 0 TO 99 SECONDS
ENGINE EXERCISER TEST PERIOD (EETP)	: 0 TO 99 SECONDS
EXERCISER TEST CYCLE (ETC)	: 1 TO 4 WEEKS

FULL PHASE VOLTAGE & FREQUENCY MONITORING

OVER VOLTAGE ADJUSTABLE RANGE	: 210 TO 290 Vac
UNDER VOLTAGE ADJUSTABLE RANGE	: 160 TO 240 Vac
OVER FREQUENCY ADJUSTABLE RANGE	: 51 TO 75 Hz
UNDER FREQUENCY ADJUSTABLE RANGE	: 40 TO 59 Hz

FEATURES:

- Micro-processor based
- Full phase voltage/frequency monitor& protection for Normal & Standby source
- Current time display on OFF mode
- TDEN/TDNE/TDEC/TDES/TDOFF countdown display
- Internal program settings & status display
- Display Auto / OFF / Test status
- Over / Under voltage & frequency alarm
- Display real time power loop