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GENERATING SETS

AUTOMATIC CONTROL PANEL WITH or WITHOUT CHANGE-OVER

STANDARD EQUIPMENT

GENERATING SETS

PRICE

LIST 06/04

STANDARD EQUIPMENT *CONTROL PANEL WITH COMMUTATION*	GENSET POWER IN kVA				
	10÷35	40÷80	100÷180	200÷800	801÷1500
INSTRUMENTS					
VOLTMETER	SD	SD	SD	SD	SD
THREE VOLTMETERS	O	O	SD	SD	SD
ONE AMMETER	SA	SA	/	/	/
THREE AMMETERS	O	O	SD	SD	SD
FREQUENCY METER	SD	SD	SD	SD	SD
HOURS METER	SD	SD	SD	SD	S
BATTERY VOLTMETER	SD	SD	SD	SD	SD
CONTROLS					
MANUAL/AUTOMATIC/TEST/LOCK SELECTOR	S	S	S	S	S
GENSET'S VOLTMETRIC SELECTOR	O	O	SD	SD	SD
MANUAL COMMUTATION CONTROL	S	S	S	S	S
STARTING BUTTON	S	S	S	S	S
STOP BUTTON	S	S	S	S	S
ALARM STOP BUTTON	S	S	S	S	S
PROTECTIONS					
LOW OIL PRESSURE	S	S	S	S	S
HIGH ENGINE TEMPERATURE	S	S	S	S	S
STARTING FAILURE	S	S	S	S	S
FUEL RESERVE	O	O	O	O	O
OVER SPEED	S	S	S	S	S
MINIMUM/MAXIMUM GENSET VOLTAGE	S	S	S	S	S
OVER LOAD	S	S	S	S	S
EMERGENCY STOP PREARRANGEMENT FOR REMOTE CONTROL	S	S	S	S	S
EMERGENCY STOP BUTTON	S	S	S	S	S
TELESIGNALING CUMULATIVE FAILURE PREARRANGEMENT FOR REMOTE CTRL	O	O	O	O	O
SIGNALINGS					
NETWORK PRESENCE	S	S	S	S	S
GENERATOR PRESENCE	S	S	S	S	S
FEEDING BY BATTERY PRESENCE	S	S	S	S	S
ENGINE STARTED	S	S	S	S	S
FAILURE	S	S	S	S	S
CHARGING BATTERY GENERATOR (VOLTAGE)	S	S	S	S	S
BATTERY CHARGING CONDITION	S	S	S	S	S
NETWORK CONTACTOR CLOSED	S	S	S	S	S
GENSET CONTACTOR CLOSED	S	S	S	S	S

STANDARD EQUIPMENT *PANEL WITH COMMUTATION*	GENSET POWER IN kVA				
	10÷35	40÷80	100÷180	200÷800	801÷1500
VARIOUS FUNCTIONS					
SINGLE PHASE MINIMUM VOLTAGE NETWORK SENSOR	S	S	/	/	/
THREE PHASE MINIMUM VOLTAGE NETWORK SENSOR	O	O	S	S	S
SINGLE PHASE GENERATOR VOLTAGE SENSOR	S	S	S	S	S
DELAY OF GENSET INTERVENTION, ADJUSTABLE	S	S	S	S	S
DELAY OF GENSET DELIVERY, ADJUSTABLE	S	S	S	S	S
NETWORK RETURN DELAY, ADJUSTABLE	S	S	S	S	S
ADJUSTABLE ENGINE COOLING DELAY	S	S	S	S	S
STARTING CYCLES (10 cycles up to 800kVA, 4 cycles from 801 to 1150kVA)	S	S	S	S	S
AUXILIARIES					
ELECTRONIC BUZZER	S	S	S	S	S
ALARM SIREN	O	O	O	O	O
PREHEATING ENGINE PROTECTION WITH BIPOLAR 10Amps CIRCUIT BREAKER	S	S	S	S	S
AUTOMATIC BATTERY CHARGE HOLDER, BUILT IN TYPE	S	S	/	/	/
AUTOMATIC CHARGING BATTERY WITH PROTECTION FUSE	O	O	S	S	S
TERMINAL BOARD ENGINE CONNECTIONS	S	S	S	S	S
REMOTE GENSET CONTROL PREDISPOSITION	O	O	O	O	O
REMOTE COMMAND/CONTROL SYSTEM (VIA CABLE, MODEM OR GSM)	O	O	O	O	O
POWER ALTERNATOR AND/OR ELECTRIC SWITCHBOARD SWEATPROOF SYSTEM	O	O	O	O	O
FINE VOLTAGE AND/OR RPM ADJUSTMENT POTENTIOMETER	O	O	O	O	O
POWER CIRCUIT					
4 POLES COMMUTATION	S	S	S	S	S
4 POLES THERMOMAGNETIC CIRCUIT BREAKER	S	S	O	O	O
THERMOMAGNETIC AND SHORT-CIRCUIT ELECTRONIC PROTECTION, THROUGH COMMAND AND CONTROL PANEL	/	/	SD	SD	SD

NOTES

S = STANDARD SUPPLY O = OPTIONAL / = NOT AVAILABLE

SA = STANDARD SUPPLY, ANALOG SD = STANDARD SUPPLY, DIGITAL

Power change-overs network/genset from 250kVA onward are prepared with 4poles sectionalising motorized device

STANDARD EQUIPMENT CONTROL PANEL WITHOUT CHANGE-OVER

Same equipment as for the panel with commutation, excluding the main network/genset commutation;

THERMOMAGNETIC CIRCUIT BREAKER ALWAYS INCLUDED.