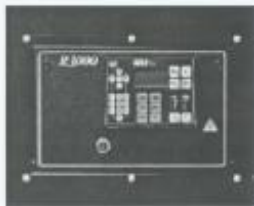


ALTERNATOR SPECIFICATIONS

| | | |
|--|-------------|---|
| Manufacturer : | Leroy Somer | <ul style="list-style-type: none"> • Leroy Somer is a branch of Emerson Electric Inc. • Compliance with NEMA MG21, UTE NF C51.111, VDE 0530, BS 4999, CSA standards. • 2/3 pitch, • Low reactance ($X^{\prime}d < 12\%$). • Vacuum-impregnated windings with epoxy varnish. IP21 drip proof • AREP type allows sustained short circuit current of up to 300% of rated current for up to 10 seconds. • Total harmonic TGH/THC < 4% |
| Type : | LSA50.1S4 | |
| Pole : number | 4 | |
| Exciter type : | AREP | |
| Insulation : class, temperature rise | H / H | |
| Voltage regulator : | R448 | |
| Bearing : number, type : | 1 , Sealed | |
| Coupling : | Direct | |
| Voltage regulation 0 to 100% load : | +/-1% | |
| Recovery time (20% Volt dip) ms : | <1000ms | |
| Reactance $X^{\prime}d$, % : | 15.5 % | |
| Heat rejection KW : | 55.00 kW | |
| <i>Peak motor starting KVA :</i> (Maximum at 35% voltage dip) | | |
| 480V : SHUNT / With PMG | 2413/ 2413 | |
| 600V : | 2408 | |

CONTROL PANEL

Microprocessor control panel is available on all the models. Compatible with 12 or 24 Volts Engine electrical systems.



Standard features :

AC voltmeter, AC ammeter, Frequency meter,
 Engine shutdown : Oil pressure, High water temperature, Low water level, Overspeed, Overcrank.
 Engine parameters : Oil pressure, Water temperature, Fuel level, Running time meter, Battery voltage.
 Emergency Stop Button, Internal clock.
 Communication via a RS485 for remote management (software is an option)

Optional :

- NFPA 110 level 1
- Remote annunciator for NFPA 110 Level 1