

DynaGen™

RA400



REMOTE ANNUNCIATOR FOR NFPA110 APPLICATIONS

HIGHLIGHTS

- The RA400 remote serial annunciator monitors the condition of the generator set from a remote location when it is equipped with a TOUGHSeries™ TG410 or TG600 controller.
- The remote annunciator alerts the operator through lamps and an audible alarm if a generator alarm condition occurs.
- Conformally coated circuit board for moisture protection
- NFPA-110, NFPA 99 and CSA 282-00 compliant

FEATURES

- Connects via 3-wire RS485 Modbus to the TG410 or TG600 genset controller up to 2800 feet
- 20 lamp indicators for warnings, status and failures
- 2 user configurable lamps with writable surfaces
- Extra switched inputs for system enabled/disabled and genset start/stop
- Audible alarm
- Modbus RTU serial communication
- Surface or flush mounted.
- Fits in a standard 203 mm x 201 mm (8" x 8") Hoffman box
- Up to four RA400 annunciators can be easily connected to the same wiring
- Powered by 12 or 24 VDC

ACCESSORIES

- 120 VAC power adaptor
- Pull box





TECHNICAL DATA AND SPECIFICATIONS

Power Supply	6 to 30 VDC Load dumping: SAE J1113-11 Reverse battery protection Current Draw: 100mA - 250mA	LED Indication			
		Type	Green	Amber	Red
Operating Temperature	Controller function: -40°C to 85°C	Overcrank		x	x
		Overspeed		x	x
Dimensions	8.0" H x 8.0" W x 1.5" D	Emergency Stop			x
		High Engine Temperature		x	x
Weight	1.5 lbs	Low Oil Pressure		x	x
		Low Coolant Level			x
Audible Alarm	71 to 86db at 2 feet	Low Coolant Temperature		x	
		Low Fuel Level		x	x
Switched Inputs:	2 inputs for system enabled/disabled and genset start/stop 2 wire ground/positive input to trigger	Communication Status	x		x
		Not In Auto	x		x
Communications	Modbus RTU (RS-485) Cable: Belden 9841 cable required for proper communication Max distance: 2800 feet Master or slave configuration 9600 or 19200 baud Optical isolation for surge immunity	High Battery Volts		x	x
		Low Battery Volts		x	x
Warranty	Five-year warranty or 17,500 hours	Common Fault		x	x
		Low Cranking Volts		x	
Order Information	Part no. RA400-LS	Battery Charger Failure			x
		User Configurable 1		x	
Accessories	ACC0109 - 8" x 8" x 4" pull box (Hoffman ASE 8X8X4) ACC0120- 120 VAC to 24 VDC power adaptor (Mean LPL-18-12)	User Configurable 2		x	x
		System Ready	x		x
		Generator Running	x		
		EPS Supply Load	x		