

## Specifications LS-50RM

General	
<b>Service</b>	120 Vac – 60 Hz 240 Vac – 60 Hz
<b>Power Consumption</b> (@120Vac or 240Vac)	< 40W Connect Mode < 20W Isolation Mode
<b>GPR Sense Wire - Grounding Separation</b>	Minimum 8'
<b>Standards Compliance</b>	UL 60950-1 CSA C22.2 No 60950-01
<b>Shipping Weight</b>	19 Lbs
<b>Shipping Dimensions</b>	14" x 14" x 11"
<b>MTBF</b>	60,000 hrs (> 6 years)

Detector	
<b>Controls</b>	
<b>Sensitivity</b>	8 levels
<b>Sensitivity</b>	1.0V 1.2/50 uS pulse
<b>Materials</b>	
Housing & Cover	Aluminum Powder Coat
Field Couplers	Aluminum Clear Anodize
Fasteners	Stainless Steel
<b>Conduit Fitting</b>	½" NPT
<b>Temperature</b>	
Operating	-30°C to +70°C
Storage	-40°C to +85°C
<b>Humidity</b>	All precipitations
<b>Altitude</b>	Sea Level to 8,000 ft
<b>Weight</b>	6 Lbs.
<b>Dimensions (assembled)</b>	3" X 6" X 33"

Controller	
<b>Controls</b>	
Power	On-Off
Service	Norm-Bypass
Surge Detect Threshold (+/- 2%)	125 – 145 Vac 1 volt steps
Sag Detect Threshold (+/- 2%)	90 - 110 Vac 1 volt steps
<b>Power Transient Pulse - Detect Level</b>	1.2/50 uS > 750 V <sub>peak</sub>
<b>Isolation Response Time</b>	
GPR	< 20 mS
Transient	< 20 mS
Surge	< 50 mS
Sag	< 100 mS
<b>Indicators</b>	
Power	Green
Active	Green
GPR Detect	Red
PLE Detect	Red
<b>Alarm Outputs</b>	Dry Contact - NC & NO
Power Loss	
Power Disconnect	
PLE	
GPR	
<b>Current Capacity</b>	32 FLA; 50 Resistive
<b>Contact Impulse Withstand (all poles)</b>	8KV
<b>Materials</b>	Housing: Polyester
<b>Environmental Rating</b>	NEMA 4X
<b>Temperature</b>	
Operating	-30°C to +70°C
Storage	-40°C to +85°C
<b>Humidity</b>	All precipitations
<b>Altitude</b>	Sea Level to 8,000 ft
<b>Weight</b>	10 Lbs
<b>Dimensions (HWD)</b>	9.5" x 11.5" x 6.0"

**Note: All specifications subject to change without notice**