

Product Specification							
Product code(s): GPG620							
Description: 15 amp GFCI with Auto-Monitoring Function							
Performance Requirements: Contains the required Supervisory Circuit with the Auto-Monitoring Function as noted by UL 943, effective June 29, 2015.							
Parameter	Symbol	Condition	Min.	Nom.	Max.	Comments	Unit
Input Voltage	VAC		108	120	132		VAC
Frequency	Hz		\	60	\		Hz
Front Receptacle Current	IAC	120 VAC Nominal	\	20	\		A
Pass Through Current	IAC	120 VAC Nominal	\	20	\		A
Trip Fault Current	IAC	125 VAC	4	\	6		mA
Trip Time	Seconds			0.025			s
Auto-Monitoring Function Test Power-up Test Interval	Seconds		1	3	5		s
Auto-Monitoring Function Test Repeat Test Interval	Minutes		1	90	180		m
Auto-Monitoring Fault Test Detection and EOF LED Flash Rate	Hz		0.1	1	5		Hz
Mechanical Requirements							
Parameter	Symbol	Schollum	Min.	Nom.	Max.	Comments	Unit單位
Length	L	\		104.0		\	mm
Width	W	\		42.0		\	mm
Height	H	\		41.5		\	mm
Weight	WT	\		126.4		\	g
Material Requirements							
Part	Quantity (pcs)	Material/Description					
Front receptacle (enclosure) color	1	White					
Back enclosure color	1	gray					
End of life indicator	1	High Brightness Red LED KSL-2551HR- II					
Front Cover	1	R/C Plastics, Lexan 241R (Sabic Innovative Plastics - E207780)					
Mounting Yoke	1	Nickel or Zinc plated steel, 1.2 mm thick					
Grounding Terminal	1	Plated steel					
Hot Wire Screw	1	Nickel plate Steel					
Screw pressure Plate	1	brass 11.5x12x1 mm					
Rear Cover	1	R/C Plastics, nominal thickness 1.16 mm					
Fastening Screw	4	Nickel plated steel					
Reset Button	1	R/C Plastics, Lexan 241R (Sabic Innovative Plastics - E207780)					
Test Button	1	R/C Plastics, Lexan 241R (Sabic Innovative Plastics - E207780)					
Wire Braid (line)	1	Copper braided wire					
Neutral wire Screw	1	Nickel plated steel					
Fairchild GFCI IC's	1 ea	FAN4149 & FAN4150					
Printed Wiring Board	1	R/C PWB (ZPMV2), FR-4, 94-V0, rated 130 °C.					
Application Requirements							
Item	Specification						
UL 943 (meets 2015 requirements)	Class A GFCI						
Accepted Terminal Wire Size	12 gauge to 14 gauge						
Wiring Type	Rear pressure plate and side wiring						
Flammability	Rated V-2 per UL 94						
Operating Temperature	-35 to 66 Celsius						
Operating Humidity	30~95%						
Product Marking Requirements							
Parameter	Description or Reference Document						
UL Marking and Labels.	Labels and markings as required by UL file # E320934.						
GP brand markings	GP logo, debossed, in center of back housing. 8mm						
Date Code Marking	On each individual product, Date Code Schema ("MMDDYYGG"= month (2 digits), day (2 Digits), year(2 Digits) , production group(2 Digits)						