

Product Specification							
Product code(s): GPG615							
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	\	15	\		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	Scholium	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.						
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)						

Product Specification							
Product code(s): GPG620							
Description: 20 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	Scholiium	Min.	Nom.	Max.	Comments	Unit単位
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.						
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)						