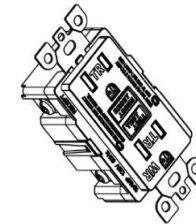


# Product Specification

**Product code:** WTST20L (Tamper resistant & Weather resistant)

**Description:** 20 Amp GFCI with Self-Test Function

**Performance Requirements:** Contains the required Supervisory Circuit with the Auto-Monitoring Function as noted by UL943, effective June 29, 2015.



Parameter	Symbol	Condition	Min.	Nom.	Max.	Comments.	Unit
Input Voltage	VAC		102	120	132		VAC
Frequency	Hz		/	60	/		Hz
Front Receptacle Current	IAC	120V AC Nominal	/	15	/		A
Pass Through Current	IAC	120V AC Nominal	/	20	/		A
Trip Fault Current	IAC	125V AC	4		6		mA
Trip Time	Seconds			0.025			s
Auto-Monitoring Function Test Power-up Test Interval	Seconds			1			s
Auto-Monitoring Function Test Repeat Test Interval	Minutes		1	5	10		m
Auto-Monitoring Function Test Detection and EOF LED Flash Rate	Hz		0.1	1	3		Hz

## Mechanical Requirements

Parameter	Symbol	Schollum	Min.	Nom.	Max.	Comments.	Unit
Length	L	\		105			mm
Width	W	\		44.6			mm
Height	H	\		42.6			mm
Weight	WT	\		123.5			g

## Material Requirements

Part	Quantity (pcs)	Material/Description	
Front Receptacle color	1	White	
Back enclosure color	1	Grey	
End of life indicator	1	High Brightness Red LED	

Front Cover	1	R/C Plastic(QMFZ2/8), Manufactured by Sabic Innovative Plastics B.V, designated 505RU(f1) (GG).	
Mounting Yoke	1	Nickel or Zinc plated steel, 1.2mm thick	
Grounding Terminal	1	Plated steel	
Hot Wire Screw	1	Nickel plate steel	
Screw pressure Plate	1	Steel 10.1*10.1*1.8 mm	
Rear Cover	1	R/C Plastic, Normal thickness 1.20mm	
Fastening Screw	1	Nickel plate steel	
Reset Button	1	R/C Plastic(QMFZ2/8), Manufactured by Sabic Innovative Plastics B.V, designated 505RU(f1) (GG).	
Test Button	1	R/C Plastic(QMFZ2/8), Manufactured by Sabic Innovative Plastics B.V, designated 505RU(f1) (GG).	
Wire Braid (line)	1	Copper braided wire	
Neutral wire screw	1	Nickel plate steel	
Fairchild GFCI IC's	1 ea	RV4141AM LGL01	
Printed Wiring Board	1	R/C PWB(ZPMV2), CS-4(E248474), 94V-0, rated 130°C. Overall dimensions 39.2*66.0*1.5mm	

#### Application Requirements

Item	Specification
UL 943 (Meet 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 943
Operating Temperature	-35°C to 66°C
Operating Humidity	30-93%

#### Product Marking Requirements

Parameter	Description or Reference Document
UL Marking and Labels	Labels and marking as required by UL File E473989
Manufactory Brad Markings	<b>LGL</b> in center of back housing.
Date Code Marking	On each individual product, Date code Schema (YY WW=year(2 Digits), week(2 Digits))