



Universal Redundancy System BUC Controller

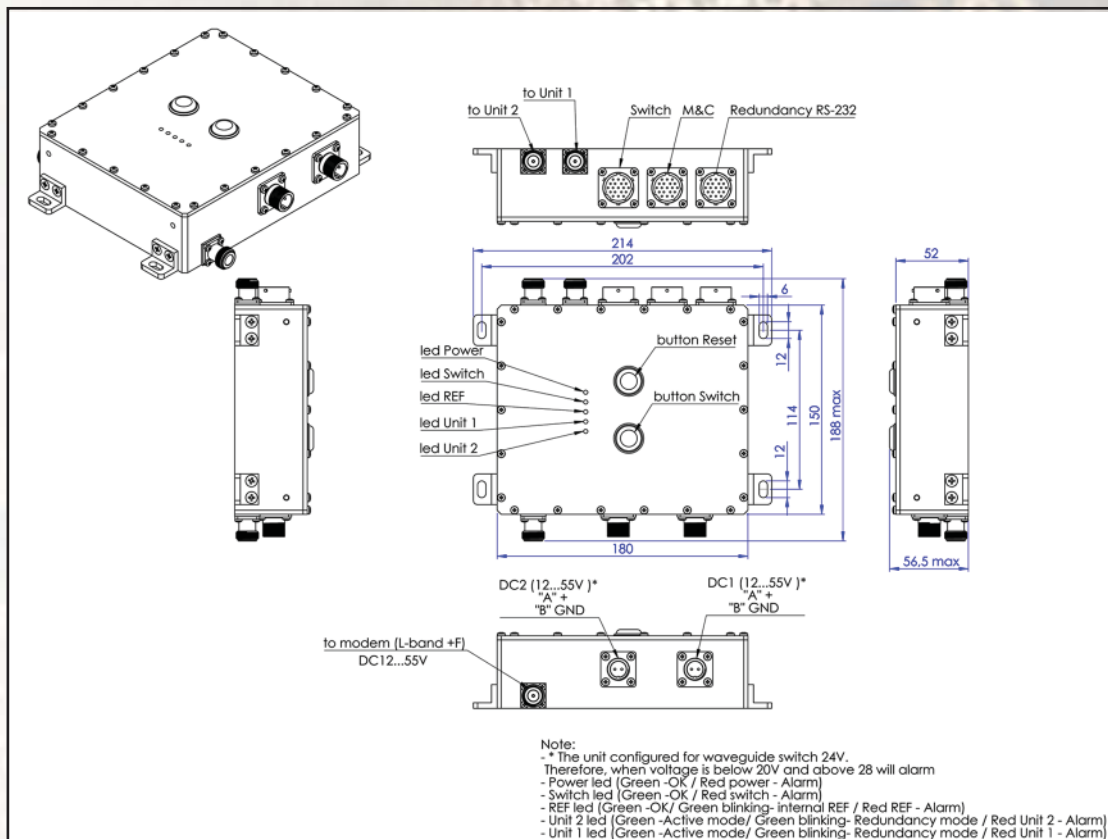
KEY FEATURES

- ◆ Ku, C, Ka or X-Band source 1:1 redundant system
- ◆ WR-137/WR-229, WR-75, WR-28 or WR-112 19pin connector
- ◆ Fault detection, 20-50 msec
- ◆ Total switchover, 100 msec max.
- ◆ Passing DC and 10MHz from a modem and allows to connect an external power
- ◆ Internal switchable high stability (10^{-8}) 10MHz reference (optional)
- ◆ Field-exchangeable IF connector
- ◆ Manual and automatic operation
- ◆ IP67 standard rating
- ◆ Redundant external power (12 - 55 VDC)
- ◆ Insertion loss less than 4dB
- ◆ L-Band frequency range 950-2150 MHz
- ◆ "Hidden" protective control buttons (optional)

ACBU011 / ACBU011R



Mechanical Drawing





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TECHNICAL SPECIFICATIONS	
Waveguide switch type	WR-137/WR-229 WR-75 WR-28 WR-112
Switch time	Fault detection, 20 - 50 msec Total switchover, 100 msec max.
Switch drive	12 - 24 VDC (Depends on waveguide switch)
Alarm input	Closure to ground, (ground=fault / open=OK)
Serial communication	RS-232: RS-422: RS-485 - Ethernet optional
Protocol	RS-232 port supports any "dumb terminal" or ASCII interface
DC input power	12 - 55 VDC
Signal configuration	IF and Ref - splitter to BUC-A and BUC-B
BUC M&C interface	BUC A and B - splitter: RS-232 or RS-485 4-wire
Mode	Manual / Auto
LED indicators	GREEN LED's RED LED's
	Indicate switch position Indicate active alarms
Dimensions & housing	214 (L) x 188 (W) x 56.5 (H) mm 8.4" (L) x 7.4" (W) x 2.2" (H)
Weight	2.6 kg (5.7lbs) max

