



COMSAT SYSTEMS PVT LTD

An ISO 9001 Company

**ANTENNA CONTROL UNIT
MODEL: CS-ACU-01**



The Antenna Control Unit [ACU] Model CS-ACU-01 is an Antenna Tracking Controller applicable for different Antenna Tracking applications. The unit is Micro Controller based and is user friendly by a Front Panel Keypad and an LCD Display. The ACU can be integrated with GPS & Electronic Compass as optional and is provided with all standard features required for an Antenna Tracking System along with Form C contacts to control the movement of the Antenna through Motor Controller. Motor Controller for different Applications is custom built to suit customer drive system requirements. The ACU has RS 232/RS 485 Interface for Remote Monitoring and Control operations.



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SPECIFICATIONS



MODES	:	Standby, Manual, Step Track, Program Track
PROGRAM TRACK	:	Auto / Manual
SELECTIONS	:	Through membrane keypad
STEP TRACK TIME		
INTERVAL	:	1 to 90 Min selectable
STEP TRACK STEP SIZE	:	0.02 to 0.10 Deg selectable
LIMIT INDICATIONS	:	CW, CCW, UP, DOWN
AZ & EL SENSORS	:	13 BIT ABSOLUTE ENCODERS
ANGLE RESOLUTION	:	0.04 Deg (or) 0.01 Deg Optional
REMOTE INTERFACE	:	RS 232 / RS 485
POWER	:	230VAC, 50Hz / 50 VA max
OPERATING		
TEMPERATURE	:	Upto +50°C
SIZE	:	2U (19"W x 3.5"H x 12"D)
MOUNTING	:	19 Inch Rack Mount
WEIGHT	:	Less than 6 Kgs
GPS	:	Optional
ELECTRONIC COMPASS	:	Optional
OPTION 1	:	ACU - Manual Mode Only
OPTION 2	:	ACU - Manual + Step Track
OPTION 3	:	ACU - Manual + Program Track
OPTION 4	:	ACU - Manual + Step Track + Program Track
NOTE	:	Specifications are subject to change with our notification



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