

YU5R Antenna Rotator v2

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At the steel „U“ profile dimension: 100x50mm, welded two carriers for mast bearing and carrier for double worm gear with the motor. Below the gears are mounted two switches as a end position and Non-contact Angle Sensor (Hall Effect Potentiometer) as a position indicator.

	<p>Double worm gear CHM 040/075 i=1500 CHM40 U PAM71 i=30 CHM75 B14 PAM90 i=50</p> <p>Motor JM 71 A4 B14 KW 0,25 230/400V 1.47/0.85A 0.25kW 1360rpm/min $\cos\phi=0.65$ $\eta=65\%$</p> <p>http://www.chiaravalli.com/eng/gear-boxes-electric-motors.php http://elektrolune.co.rs/puzni-reduktori</p>
	<p>Non-contact Angle Sensor (Hall Effect Potentiometer), PandAuto P3020-V1-CW360</p> <p>Full angle 360° no dead angle measurement Shaft: 6 mm Output signal: 0-5V DC Supply voltage: 5V DC</p>
	<p>2pcs. Mini-Snap-Action Switches 250V Item no.: MAR 1005.1004 http://www.reichelt.de/</p>
	<p>Mount the limit switches SL, SR and the metal lever on the metal plate shown as to the picture.</p> <p>The bottom view is shown.</p>

	<p>Version 2.1:</p> <p>4pcs. Relay socket for FIN 40.51/52/61/41.52, blue Item no.: FIN 95.55.3</p> <p>4pcs. Plug-in relays, 2x switch, 250V/8A, 12V, Item no.: FIN 40.52.9 12V http://www.reichelt.de/</p>
	<p>Version 2.1:</p> <p>1pcs. Motor protection switch, size 00 Schrack Order No: BESD0100</p> <p>http://www.schrack.com/industry/contactors/motor-protection/</p> <p>3 phase motor in star connection (3 x 400V AC) Set the current to 0.85A</p>
	<p>Version 2.2:</p> <p>2 pcs. Optocoupler PC817 or similar</p>
	<p>Version 2.2:</p> <p>1 pcs. Variable speed motor drive (Speed frequency converter)</p> <p>ENC EDS800-2S 0004N,</p> <p>Voltege input: 230V AC, 50Hz/60Hz, Single phase Voltage output: 3 phase, 0...230V AC, 0...400Hz Adapter motor: 0.4KW Rated output current: 3A Mini Type (WxHxD) 89x148x125mm.</p> <p>3 phase motor in delta connection (3 x 230V AC) Set the current to 1.47A</p>



