We Are Growing Because Of Our Customer.....!

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VOLT CONTROL

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About Us

Welcome to Volt Control System, Pune, India - Your Trusted Partner for Customized Winding Components and Electrical Solutions.

About Us

With over 40 years of expertise in the manufacturing of electrical components, Volt Control System, based in Pune, India, specializes in producing high-quality winding components and customized solutions to meet the unique needs of diverse industries.

OUR JOURNEY

Established in 2006, Volt Control System has consistently expanded its product range to cater to the evolving demands of the industry. We prioritize quality solutions and exceptional services to ensure customer satisfaction. Our dedication has allowed us to deliver tailored solutions to a wide array of industries.

OUR EXPERTISE

We pride ourselves on being a leading producer of winding components and offering customized manufacturing. Our solutions address the most intricate challenges in various industries, including:

- Aviation
- Machine tool industry
- **©** Food Industry
- O Automobile industry
- Oil and natural gas industries
- O Chemical, petroleum, and pharmaceutical industries
- Textile industries
- **O** Defence and research institutes

COMMITMENT TO QUALITY

Our success is rooted in continuous assessment and improvement of the quality of raw materials and finished products. Combined with customercentric after-sales services, this approach has helped us reach the milestone we stand at today.

PARTNERING FOR SUCCESS

We believe that our success is a reflection of the support and trust we receive from our customers. We strive to build lasting relationships and achieve even greater milestones together.

OUR PROMISE

In the face of industry challenges and the needs of OEMs, our well-managed and automated unit in Pune enables us to deliver the highest quality products and solutions. Engineered with confidence, our reliable solutions are designed to enhance your productivity and profitability, reflecting our prime motto.

PRODUCT	SINGLE PHASE CVT		
CAPACITY	2-5 KVA	6 - 7.5 KVA	10 KVA
INPUT VOLTAGE	230VAC 1PH +/-10%		
INPUT FREQUENCY	50Hz ANY FACTORY CONFIGURAB	LE	
OUTPUT VOLTAGE	ANY FACTORY CONFIGURABLE		
OUTPUT FREQUENCY	ANY FACTORY CONFIGURABLE		
REGULATION	+/-1%		
WAVEFORM	SINEWAVE		
DISTORTION	<3% ON LINEAR LOAD		
	<5% ON NON-LINEAR LOAD		
OVERLOAD PROTECTION	110% FOR 1 MINUTE AND 150% FO	R 1 SECOND.	
INGRESS PROTECTION	IP20 (OPTIONAL 2x,3x,4x,5x,6x)		
EFFICIENCY	>85%		
PROTECTIONS AT INPUT	a) MCB		
	b) OVER VOLTAGE		
	c) UNDER VOLTAGE		
	d) SURGE SUPPRESSION		
PROTECTIONS AT OUTPUT	a) OVER VOLTAGE		
	b) UNDER VOLTAGE		
	c) OVER CURRENT		
	d) SHORT CIRCUIT		
	e) SOFT START		
DIGITAL METER	a) INPUT VOLTAGE		
	b) INPUT CURRENT		
	c) INPUT FREQUENCY		
	d) OUTPUT VOLTAGE		
	e) OUTPUT CURRENT		
	f) OUTPUT FREQUENCY		
ENCLOSURE TYPE	MS FABRICATED		
COLOUR	RAL 7032		
	CLIMATIC CONDITIONS		
OPERATING TEMPERATURE	-20 to + 55 degree C		
ALTITUDE	3500 METER		
STORAGE	-30 to + 70 degree C		
DIMENSIONS IN mm (APPROX)	330x620x600	330x560x650	400x700x720
WEIGHT IN KG (APPROX)	45-60	70 - 100	100 - 120

Empower your business with precision and reliability discover our expertise in manufacturing customized CVT, tailored to meet your unique power requirements.

Due to VCS Policy of continuous improvement in product quality, some feature and Size of items may change.

PRODUCT	THREE PH	ASE CVT				
CAPACITY	5 TO 20 KVA	25 TO 50 KVA	60 TO 80 KVA	90 TO 125 KVA	150 TO 200 KVA	225 TO 300
INPUT VOLTAGE	415VAC 3P	H +/-10% AN	Y FACTORY	CONFIGURA	BLE	
INPUT FREQUENCY	50Hz ANY	FACTORY CO	ONFIGURAB	LE		
OUTPUT VOLTAGE	ANY FACT	ORY CONFIG	URABLE			
OUTPUT FREQUENCY	ANY FACT	ORY CONFIG	URABLE			
REGULATION	+/-1%		-			
WAVEFORM	SINEWAVE					
DISTORTION	<3% ON LINEAR LOAD					
		ON LINEAR L	OAD			
OVERLOAD PROTECTION	110% for 1	minute and 1	50% for 1 se	cond.		
INGRESS PROTECTION	IP20(OPTIC	ONAL 2x,3x,4	k,5x,6x)			
EFFICIENCY	>85%					
PROTECTIONS AT INPUT	a) MCB OR	МССВ				
	b) OVER V					
	c) UNDER					
		SUPPRESSIC	N			
PROTECTIONS AT OUTPUT	a) OVER V					
	b) UNDER					
	c) OVER C					
	d) SHORT					
	e) SOFT ST					
DIGITAL METER	a) INPUT V					
	b) INPUT C					
	,	REQUENCY				
	,	VOLTAGE				
	,	CURRENT				
	,	FREQUENCY	/			
ENCLOSURE TYPE	MS FABRIO					
COLOUR	RAL 7032					
		CONDITIONS				
OPERATING TEMPERATURE	CLIMATIC CONDITIONS					
ALTITUDE	-20 to + 55 degree C 3500 METER					
STORAGE						
DIMENSIONS IN MM (APPROX)	-30 to + 70 degree C 800x600x800 800x600x1200 800x600x1800 1000 x 800 x 1900 1550 x 850 x 1800 1700x1000x2000		1700×1000×2000			
WEIGHT IN KG (APPROX)	100 - 150	250 - 500	600 - 800	1000 - 1300	1300 - 1800	1800 - 2200
IS5921/1249		base material i		ectronic equip	nent's	
IS6297/2026		s and inductors				
IS 6553		tal requirement		ductors and In	tearated circuit	S.
IS4064	Airbreak swi					
IS8828	MCBs					
IS 9224	HRC fuses					
IS1248	Indicating instruments					
IS 6619	Semiconductor Rectifier equipment safety					
IS613	Copper busbars					
IS2959	Contactors.					
IS3231	Electrical relays					
IS13703	Low voltage fuses					
IS4540	Mono Crystal line Semi conductor rectifier assembly					
IS4237	General requirements for switchgear and control switches					
IEC62040-2	Electro mag	netic conductio	n and interfer	ence.		

PRODUCT IMAGES



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OUR SECTOR





INDUSTRIAL SECTORS

- Machine Tools: CNC, VMC, HMC, SPM
- Engineering Workshop
- Automotive Industry
- Electronics & Telecommunication
- Textile Process Industries
- Hospital Operation Theatre, X-Ray Digital, **Diagnosis Centre**
- Packaging Industries
- Panel manufacturers
- Pharmaceutical, Chemical Industry
- Petrochemical, Oil, Natural Gas Industries

COMMERCIAL SECTORS

- Mall IT Sector, Bank, Institute,
- Showroom, House

AGRICOS SECTORS

- Food & Beverage, Industries, Diary, RO Plant
- Rice Mill, Oil Mill, Groundnut Decorticator, Water Pump
- Chilly Crushing, Crop Crushing, Juice factory, **Dry Fruit process Industries**

GOVERNMENT SECTORS

- Defence, Research & Development Institute,
- Ordinance, Ammunition Factory, N.H.A.I., transport
- Aviation Industry

- Servo Controlled Voltage Stabilizer
- Static Frequency Converter
- Battery charger
 - a. Transformer based
 - b. SMPS based
- ATS(Automatic Transfer Switch)
- Singal Phase to Three Phase Converter DC Rectifier
- Static Voltage Stabilizer

- DC power supply
- Transformer
- Dimmer
- Line Choke
- Load bank

OUR HAPPY CILENTS

TATA TATA PROJECTS	TATA AUTOCOMP SYSTEMS	मारत इलेक्ट्रॉतिकस BHARAT ELECTRONICS	K>rloskar Oil Engines	adani
SIEMENS Ingenuity for life	KANY VEARS AHEAD	पावरग्रिड POWERGRID	Dalmia Bharat Limited	MACHINARAN Materialia Sale Escricity Distribution Co. LM
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	MIT-ADT UNVERSITY PURE INDIA Austranta Wold Our Cleanter	Four Points'	TAJ	Raymond
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BSPHCL	GAIL (India) Limited	प्लाज्मा अनुसंघान संस्थान Institute for Plasma Research	adani Power	
TATA TATA POWER	ओएनजीसी क्रि ONGC	इंडियनऑयल IndianOil	Raval Armament Depot Mumbai	
LARSEN & TOUBRO	Amber Enterprises India Limited		स्तेल उत्पार सेल SAIL स्टील अपॉरिटो जॉक इण्डिया लिपिटेइ STEE AJTHORITY OF INDIALMMID	Schneider Electric
TINPL Tamil Nadu Newsprint and Papers Limited (A Cost. of Tamil Nadu Enterprise)		एन एम डी सी	ADITYA BIRLA GROUP	Naval Dockyard
THERMAX LIMITED	EMERSON.	NUMAX	VIO MINDA Minda Industries Limited	





- OUR SERVICE NETWORKS -



- OUR DETAILS -

<u>Office</u> : Unit No. 6, Electronic Sadan No. 1, MIDC Bhosari, Pune - 411 026. (MH) India <u>Factory</u> : Unit No. 7,17,18,21, Electronic Sadan No. 1, Unit No. 03, Electronic Sadan No. 2, MIDC Bhosari, Pune - 411 026. (MH) India

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