▷KRC-500(ATS controller)

* AUTOMATIC TRANSFER SWITCH CONTROLLER WITH POWER MEASURING

-1 or 3 phase voltage, frequency and phase angle sensing
-7 binary inputs / outputs
-Gen-set remote start
-Power measuring
-Event and performance log
-Passive synchronisation
-High tariff avoidance
-Generator connection types

Description	Benefits	Features	True RMS Voltagmeasurement	True RMS current measurements	Power measurements	Event and performance log + RTC	User interface	Inputs and outputs	Active SMS/ E-mails	Communication interfaces	Mechanical and operation parameters	Accessories	PC tools
Programmable Micro Processor Controllers This is the state of art controller unit that gives users the highest level of control and monitoring. Monitor the incoming AC mains supply (1 or 3 phase) for under voltage, over voltage, under frequency, over frequency and voltage unbalance. In event of distortion, KRC 500 controller sends signal to start engine and make the power transfer when alternate AC supply reached acceptable levels.	Transfer between mains and generator power	**3 phase ATS function** - Over/under frequency - Over/under voltage - Voltage asymmetry	3 phase generator and mains voltages	3 generator phase currents	Active / Reactive Power and Power Factor per phase	Event based history with 119 events	Graphic 128 × 64 pixels display	4 or 7 binary inputs	2 channels	Optional RS232, RS485 (including Modem support) or USB plug-in interface	Unit dimension 120 × 180 mm	Internet / Ethernet Module including Web Server	PC Monitoring Tool
	Open delayed transition										Sealed front face rated for IP65		
	Open in phase transition (passive synchronization)		Voltage range 277 V p-n, 480 V p-p	Current range 5 A	Apparent power	Reason, Data and Time + all important values are stored	2 languages, user changeable from PC. Default English + Chinese			Modbus RTU (requires RS485 interface)	Hard plexiglass LCD cover	Remote Display Software	PC Configuration and Monitoring Tool
	On-site controller configuration			Maximal measured current 10 A	Active and Reactive Energy counter						Operation temperature	RS232 Extension Board	
	Less engineering and programming	**3 phase generator protections** - Over / under frequency - Over / under voltage - Current / Voltage asymmetry - Overcurrent / overload	Maximal measured voltage 300 V p-n	CT ratio range 1–5000	Active and Reactive Generator Energy counter	Battery backed-up RTC	Setpoints adjustable via keyboard or PC	4 or 7 binary outputs	SMS or E-mails	Optional Internet/ Ethernet	20°C to +70°C standard version	Dual Port Extension Board	
	Remote monitoring reduced call-out costs of service engineers										Power supply voltage 8–36 V	Service USB Module	Special Graphical Controllers' Monitoring Software
	Active SMS / E-mails		PT ratio range 0.1–500	CT location: generator, load	Active and Reactive Mains Energy counter	Test Run scheduler	Buttons with mechanical feedback			Optional embedded web server	Voltage drops shorter than 50 ms do not affect operation	Binary Input/output (PWM)Module	
	History log – easy troubleshooting and warranty claim handling												