KALKITECH

KALKI PROTOCOL GATEWAY

Topic	Feature	Description		
Communication	Serial	2 Serial Ports (Expandable up to 64 Serial Ports)		
	Network	2 Ethernet 10/100 Base-T Controller on Board (Option for 1000baseT Gigabit Ethernet).Number of LAN's expandable up to 4.		
	Maintenance	Ethernet Port can also be used for maintenance and diagnostics		
Software Configuration	Database	Off-line creation via Windows utility, loaded through network or configuration and maintenance port		
	Protocol	Selectable By Channel		
	Master/Slave Mode	Selectable By Channel		
	RTU/ Point Counts	Capacity for over 50,000 points and multiple devices		
	Diagnostics	Online Diagnostics over Ethernet Interface		
	Protocol Translator	Add new protocol capabilities to existing devices		
	Multi-Port Gateway	Allow multi-host access on different protocols to a single-ported RTU/IED/PLC		
	Data Concentrator	Concentrate Data from Serial channels and send through Ethernet LAN/WAN circuit or One Serial Channel		
	Network Transport	Enables Ethernet Access to your RTU/PLC/IED.		
	Pass Through Port	Pass-Through Port allows your IED Configuration Software to communicate through the Converter to the IED without any modification.		
	Processor	Pentium 1.8 GHz based processor		
	Power	(110 V-220 VAC), Max 180 Watt Consumption		
	Temperature	+5ºC-+55ºC Operating -20ºC to +70ºC Storage		
	Humidity	95% NC		
	Watch-dog timer	1~35 sec software programmable, can generate NMI or system reset		
	Activity LED's	Activity LED's for communication and Ethernet Channels are provided		
	Mounting	Wall Mounting / DIN RAIL Mounting Optional		
	RAM	512 MB RAM		
	FLASH	Up to 1 GB		
Protocol Support	DNP3 Serial/Network	IEC 60870-5-104	ICCP / TASE.2	IEC 61850
	C37.118	IEC 60870-5-101	DLMS/IEC 62056	GE SRTP
	IEC 60870-5-103	ODBC Support	ABB RP570/571	ABB SPA
	OPC Client/Server (Optional)	Modbus RTU/ASCII/TCP		
Ordering Information	**Model**		**KPG:N2/4:S8/S16/S32/S64**	
	Protocol		**Protocol Name: (master/slave:client/server)**	

Visit http://www.kalkitech.com/protocolgateways.htm for more information

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