

Отображение данных при работе ECOM-100 в качестве сервера и клиента

ECOM100 как MODBUS TCP SERVER

FC	Описание	Modbus		Диапазон	Адрес ПЛК / Описание			
		База	Смещение					
01	Read Coils	0000	1-6656	1-2048	GY0-GY3777			
				2049-3072	Y0-Y1777			
				3073-5120	CR0-CR3777			
				5121-6144	S0-S1777			
				6145-6400	T0-T377			
				6401-6656	CT0-CT377			
02	Read Inputs	1000	1-3584	1-2048	GX0-GX3777			
				2049-3072	X0-X1777			
				3073-3584	SP0-SP777			
03	Read Holding Registers	4000	1-16976	1-16976	V0-V41117			
			16993-17008	16993-17008	V41140-V41157			
			17025-17056	17025-17056	V41200-V41237			
			18001-18020	18001-18020	ECOM100 Dynamic Module Data			
			(18001-18003)	(18001-18003)	Reserved			
			(18004)	(18004)	Flags: Bit0 = 1 if reboot since bit was cleared			
			(18005-18006)	(18005-18006)	Reboot Count			
			(18007-18020)	(18007-18020)	Reserved			
04	Read Input Registers	3000	1-16976	1-16976	V0-V41117			
			16993-17008	16993-17008	V41140-V41157			
			17025-17056	17025-17056	V41200-V41237			
			17501-17506	17501-17506	ECOM100 Version Information			
			(17501)	(17501)	OS major version			
			(17502)	(17502)	OS minor version			
			(17503)	(17503)	OS build version			
			(17504)	(17504)	Booter major version			
			(17505)	(17505)	Booter minor version			
			(17506)	(17506)	Booter build version			
			17511-17600	17511-17600	ECOM100 Device Data			
			(17511)	(17511)	Version of device data			
			(17512)	(17512)	Familv			
			(17513)	(17513)	Processor			
			(17514)	(17514)	Module type			
			(17515)	(17515)	Status code			
			(17516-17518)	(17516-17518)	Ethernet address			
			(17519)	(17519)	RAM size			
			(17520)	(17520)	Flash size			
			(17521)	(17521)	Battery RAM size			
			(17522)	(17522)	DIP settings			
			(17523)	(17523)	Media type			
			(17524-17525)	(17524-17525)	EPF count			
			(17526)	(17526)	Run relay state			
			(17527)	(17527)	Battery low			
			(17528)	(17528)	Model number			
			(17529)	(17529)	Ethernet speed			
			(17530-17600)	(17530-17600)	Reserved			
			05	Force Single Coil	0000	1-6656	1-2048	GY0-GY3777
							2049-3072	Y0-Y1777
3073-5120	CR0-CR3777							
5121-6144	S0-S1777							
6145-6400	T0-T377							
6401-6656	CT0-CT377							
06	Preset Single Register	4000	1-16976	1-16976	V0-V41117			
			16993-17008	16993-17008	V41140-V41157			
			17025-17056	17025-17056	V41200-V41237			
			18001-18020	18001-18020	Dynamic Module Data			
			(18001-18003)	(18001-18003)	Reserved			
			(18004)	(18004)	Flags: Bit0 = 1 if reboot since bit was cleared			
			(18005-18006)	(18005-18006)	Reboot Count			
			(18007-18020)	(18007-18020)	Reserved			
15	Force Multiple Coils	0000	1-6656	1-2048	GY0-GY3777			
				2049-3072	Y0-Y1777			
				3073-5120	CR0-CR3777			
				5121-6144	S0-S1777			
				6145-6400	T0-T377			
				6401-6656	CT0-CT377			
16	Preset Multiple	4000	1-16976	1-16976	V0-V41117			
			16993-17008	16993-17008	V41140-V41157			
			17025-17056	17025-17056	V41200-V41237			
			18001-18020	18001-18020	Dynamic Module Data			
			(18001-18003)	(18001-18003)	Reserved			
			(18004)	(18004)	Flags: Bit0 = 1 if reboot since bit was cleared			
			(18005-18006)	(18005-18006)	Reboot Count			
			(18007-18020)	(18007-18020)	Reserved			

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Команды ПЛК	Operand	Modbus		FC	Описание
		База	Смещение		
RX	GY0-GY3777	00000	1-2048	01	Read Coils
	Y0-Y1777		2049-3072		
	C0-C3777		3073-5120		
	S0-S1777		5121-6144		
	T0-T377		6145-6400		
	CT0-CT377		6401-6656		
	GX0-GX3777	10000	1-2048	02	Read Inputs
	X0-X1777		2049-3072		
	SP0-SP777		3073-3584		
	V0-V41117	40000	1-16976	03	Read Holding Registers
	V41140-V41157		16993-17008		
	V41200-V41237		17025-17056		
	Z0-ZFFFF		1-65536		
	V0-V41117 (odd length)	30000	1-16976	04	Read Input Registers
	V41140-V41157 (odd length)		16993-17008		
	V41200-V41237 (odd length)		17025-17056		
Z0-ZFFFF (odd length)	1-65536				
WX	GY0-GY3777	00000	1-2048	15	Force Multiple Coils
	Y0-Y1777		2049-3072		
	C0-C3777		3073-5120		
	S0-S1777		5121-6144		
	T0-T377		6145-6400		
	CT0-CT377		6401-6656		
	GX0-GX3777	10000	1-2048	-	-
	X0-X1777		2049-3072		
	SP0-SP777		3073-3584		
	V0-V41117	40000	1-16976	16	Preset Multiple Registers
	V41140-V41157		16993-17008		
	V41200-V41237		17025-17056		
	Z0-ZFFFF		1-65536		
	V0-V41117 (odd length)	30000	1-16976	-	-
	V41140-V41157 (odd length)		16993-17008		
	V41200-V41237 (odd length)		17025-17056		
Z0-ZFFFF (odd length)	1-65536				