Component	Name	Component range	Read/Write	Modbus communication address code		Declare
				Hexadecimal	Decimal	
CR	Extend module parameter	CR0~CR255	R/W	0x00~0xFF	0~255	Use Modbus protocol to a extend module
				Hexadecimal	Decimal	
AI	Analog input register	AI0~AI255	R	0x0000~0x00FF	0~255	
AQ	Analog output register	AQ0~AQ255	R/W	0x0100~0x01FF	256~511	
V	Internal data register	V0~V14847	R/W	0x0200~0x3BFF	512~15359	
TV	Timer(current value)	TV0~TV1023	R/W	0x3C00~0x3FFF	15360~16383	
CV	Counter(current value)	CV0~CV255	R/W	0x4000~0x40FF	16384~16639	16 bit register,among CV4 32 bit register
SV	System special register	SV0~SV900	R/W	0x4400~0x4784	17408~18308	

Component	Name	Component range	Read/Write	Modbus communication address code		Declare
				Hexadecimal	Decimal	
X	External input	X0~X1023	R	0x0000~0x03FF	0~1023	
Y	External output	Y0~Y1023	R/W	0x0600~0x09FF	1536~2559	
M	Auxiliary relay	M0~M12287	R/W	0x0C00~0x3BFF	3072~15359	
T	Timer(output coil)	T0~T1023	R/W	0x3C00~0x3FFF	15360~16383	
C	Counter(output coil)	C0~C255	R/W	0x4000~0x40FF	16384~16639	
SM	System status bit	SM0~SM215	R/W	0x4200~0x42D7	16896~17111	
S	Step relay	S0~S2047	R/W	0x7000~0x77FF	28672~30719	

Declare:

1. Optimus Drive PLC use the standard Modbus protocol (support RTU and ASCII mode), can communicate to HMI and configuration soft which support Modbus protocol
2. Optimus Drive PLC's Modbus addressing number from 0, Some HMI or onfiguration soft from 1, if HMI or configuration soft Modbus addressing from 0 then communicate directly, e.g. M0 is 0x3072, V0 is 4x0512; if HMI or configuration soft modbus addressing from 1 then the address must add 1,e.g. **M0 is 0x3073[3072+1], V0 is 4x0513[512+1].**The first place address is the Modbus protocol component type(0/1 is bit relay ,3/4 is word register , 0/4 can read and write,1/3 read only)other places are the component address.