

# MODBUS MAP

(OUVR)

WYR-OU3DC

Rev.1

(주) 운 영

# MODBUS System Control for OUVR

Communication Control	RS-485
Baud rate	9600, 19200, 38400 bps
Data Frame	1 Start bit, 8 Data bit, 1 Stop bit (Total 10 bit)
Parity	Non Parity
Slave No. 지정	1 ~ 32 (Device Setting)

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## 1. SYSTEM STATUS CHECK (Input Register)

Code	Address	Parameter	Bytes	R/W	Unit	Data Mag.	Data Type
System Status Check							
04h	30000	Data HI bit 15 ~ bit 8      Reserved  Data LOW bit 7 ~ bit 1      Reserved bit 0 <b>System Error</b> 0=Normal, 1=Error	2	R	A		unsigned 16

## 2. FAULT STATUS CHECK (Input Register)

Code	Address	Parameter	Bytes	R/W	Unit	Data Mag.	Data Type
Line Phase Check (Fault Monitoring)							
04h	30001	Data HI bit 15 ~ bit 8      Reserved  Data LOW bit 7                      Reserved bit 6 <b>T OVR Fault</b> bit 5 <b>S OVR Fault</b> bit 4 <b>R OVR Fault</b> bit 3                      Reserved bit 2 <b>T UVR Fault</b> bit 1 <b>S UVR Fault</b> bit 0 <b>R UVR Fault</b> 0=Not Fault, 1=Fault	2	R	A		unsigned 16



#### 4 - 2 UVR Set

Code	Address	Parameter	Step	Data Mag.	Bytes	R/W	Unit	Data Type
Channel Operating Set (UVR Set)								
03h	40001	<b>UVR Volt. Setting</b> TAP Range ( 50 ~ 110 V) ex) Current                      Data HI    Data LO Lock                            00h       00h 45.5V                           01h       C7h 80V                               03h       20h	1		2	R/W	A	unsigned 16
	40002	<b>UVR Time Lever Setting</b> TAP Range ( 0.1 ~ 30 ) ex) Time                            Data HI    Data LO 0.1                               00h       01h ~ 30                                  01h       2Ch						
	40003	<b>UVR Time Curve Setting</b> Data HI    Data LO Definite Inverse            00h       00h Normal Inverse             00h       01h						

#### 4 - 3 OVR Set

Code	Address	Parameter	Step	Data Mag.	Bytes	R/W	Unit	Data Type
Channel Operating Set (OVR Set)								
03h	40004	<b>OVR Volt. Setting</b> TAP Range ( 90 ~ 150V) ex) Volt.                            Data HI    Data LO Lock                            00h       00h 45.5V                           01h       C7h 142V                             05h       8Ch	1		2	R/W	A	unsigned 16
	40005	<b>OVR Time Lever Setting</b> TAP Range ( 0.1 ~ 30 ) ex) Time                            Data HI    Data LO 0.1                               00h       01h ~ 30                                  01h       2Ch						
	40006	<b>OVR Time Curve Setting</b> Data HI    Data LO Definite Inverse            00h       00h Normal Inverse             00h       01h						

## 5. FAULT CHECK (Holding Register)

Code	Address	Parameter	Step	Data Mag.	Bytes	R/W	Unit	Data Type	
Fault Data Check									
03h	40007	<b>Latest Fault Line</b>							
		Data HI bit 15 ~ bit 8	Reserved						
		Data LOW bit 7	Reserved						
		bit 6	<b>T OVR Fault</b>						
		bit 5	<b>S OVR Fault</b>						
		bit 4	<b>R OVR Fault</b>						
		bit 3	Reserved						
		bit 2	<b>T UVR Fault</b>			2	R		unsigned 16
		bit 1	<b>S UVR Fault</b>						
		bit 0	<b>R UVR Fault</b>						
			0=Not Fault, 1=Fault						
	40008	Latest Fault - 1 Line							
	40009	Latest Fault - 2 Line							
	40010	Latest Fault - 3 Line							
	40011	Latest Fault - 4 Line							
	40012	Latest Fault - 5 Line							
	40013	Latest Fault - 6 Line							
40014	Latest Fault - 7 Line								
40015	Latest Fault - 8 Line								
40016	Latest Fault - 9 Line								
40017	<b>Latest Fault Volt.</b>								
	ex) Volt.	Data HI Data LO							
	82.5V	03h 39h							
	152V	05h F0h							
	40018	Latest Fault - 1 Volt.							
	40019	Latest Fault - 2 Volt.							
	40020	Latest Fault - 3 Volt.			10	2	R	A	unsigned 16
	40021	Latest Fault - 4 Volt.							
	40022	Latest Fault - 5 Volt.							
	40023	Latest Fault - 6 Volt.							
40024	Latest Fault - 7 Volt.								
40025	Latest Fault - 8 Volt.								
40026	Latest Fault - 9 Volt.								

## 6. FAULT CLEAR (Control Output)

Code	Address	Parameter	Bytes	R/W	Unit	Data Type
Fault Memory Clear						
05h	0	Clear Fault Memory	2	W	없음	unsigned 16