

**DP-10r Register Map Ver 1.01**

1reg = 2bytes (16bit)  
 short int = 16 bit  
 integer = 32 bit  
 long int = 64 bit

Instantaneous Parameter								
Reg Addr (Hex)	Register	(R/W)	Unit	Multiplier	Format	Comment	Reg Byte Count	Reg Addr (Dec)
0000	Reserved				-		2	0
0001	Ampere	R	mA	1	short int		2	1
0002	Reserved				-		2	2
0003	Relay Flag , Trip Flag	R	-	-	short int	current trp flg, rlyflg	2	3
0004	Current trip mem	R	mA	1	short int		2	4
0005	last trp elapse	R	sec	1	integer		4	5
0007	Reserved				-		4	7
0009	operation hour	R	min	1	integer		4	9

Trip Event								
000B	trp event status mem b	R	-	-	short int	trip flag for mem b	2	11
000C	trp event mem b	R	mA	1	short int	trip value mem b	2	12
000D	trp event status mem c1	R	-	-	short int	trip flag for mem c1	2	13
000E	trp event mem c1	R	mA	1	short int	trip value mem c1	2	14
000F	trp event status mem c2	R	-	-	short int	trip flag for mem c2	2	15
0010	trp event mem c2	R	mA	1	short int	trip value mem c2	2	16
0011	trp event status mem c3	R	-	-	short int	trip flag for mem c3	2	17
0012	trp event mem c3	R	mA	1	short int	trip value mem c3	2	18
0013	trp event status mem c4	R	-	-	short int	trip flag for mem c4	2	19
0014	trp event mem c4	R	mA	1	short int	trip value mem c4	2	20
0015	trp event status mem c5	R	-	-	short int	trip flag for mem c5	2	21
0016	trp event mem c5	R	mA	1	short int	trip value mem c5	2	22
0017	trp event status mem c6	R	-	-	short int	trip flag for mem c6	2	23
0018	trp event mem c6	R	mA	1	short int	trip value mem c6	2	24

Fault Event								
0019	fault event mem E1	R	mA	1	short int		2	25
001A	fault event mem E2	R	mA	1	short int		2	26
001B	fault event mem E3	R	mA	1	short int		2	27
001C	fault event mem E4	R	mA	1	short int		2	28

Zct Status								
001D	zct connection status	R	-	-	short int	0 = Normal, 1 = ZCT Error	2	29

Trip Status								
001E	trip lock out status	R	-	-	short int	0 = Normal, 1 = Trip Lockout	2	30
001F	interval trip count	R	-	-	short int		2	31
0020	total trip count	R	-	-	short int		2	32

Setting Parameter								
0F00	model	R	-	-	short int	fixed 0x0011	2	3840
0F01	firmware Ver, Map Ver	R	-	-	short int	206, 101	2	3841
0F02	le >	R/W	mA	1	short int	30 ~ 30,000	2	3842
0F03	Reserved				-		2	3843
0F04	t >	R/W	s	0.01	short int	3 ~ 2000	2	3844
0F05	le >>	R/W	mA	1	short int	OFF = 0 or 100 ~ 30,000	2	3845
0F06	t >>	R	s	0.01	short int	fixed 3	2	3846
0F07	General	R	-	-	short int	Relay Function Setting	2	3847
0F08	trip lock out	R/W	-	1	short int	1 ~ 10	2	3848
0F09	auto reset timer	R/W	s	1	short int	3 ~ 200	2	3849
0FOA	restart interval	R/W	min	1	short int	OFF = 0 or 5, 10, 15, 30, 45, 60, 120, 180, 240, 300, 360, 420, 480, 600, 720, 1440	2	3850
0FOB	remote reset	W	-	-	short int	0x0000 = to remote reset	2	3851

