

DP-21, DP-31 Register Map Ver 1.00

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	%	0.1	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	%	0.1	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	%	0.1	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	%	0.1	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	%	0.1	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	%	0.1	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	%	0.1	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	%	0.1	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	%	0.1	short int	trip value mem c6	2	24

Fault Event								
0019	fault event mem E1	R	%	0.1	short int		2	25
001A	fault event mem E2	R	%	0.1	short int		2	26
001B	fault event mem E3	R	%	0.1	short int		2	27
001C	fault event mem E4	R	%	0.1	short int		2	28

Setting Parameter								
0F00	model	R	-	-	short int	0x0021 (DP-21), 0x0031 (DP-31)	2	3840
0F01	firmware Ver, Map Ver	R	-	0.01	short int	203, 100	2	3841
0F02	le >	R	%	1	short int	2 ~ 100	2	3842
0F03	char le >, TMs (IDMT mode only)	R	-	1	short int	Hi byte = tripping characteristic, Lo byte = TMs	2	3843
0F04	te > (DTL mode only)	R	s	0.01	short int	3 ~ 2000	2	3844
0F05	le >>	R	%	1	short int	OFF = 0 or 20 ~ 1000	2	3845
0F06	te >>	R	s	0.01	short int	fixed 3 (DP-21 only), Instant = 0 or 2 ~ 50 (DP-31 only)	2	3846
0F07	General	R	-	-	short int	Relay Function Setting	2	3847

