

PT Series

Product Picture					
Item.	Type		PT-2MR		
	Size		PT-2MT		
	Execution Speed		PT-2MJ		
	0.38uS/per Sequence Command				
Memory	Space of Control Program (Step)		20K Words		
I/O	Input X		14		
	Output Y		10 (Relay)	10 (PNP Transistor)	10 (NPN Transistor)
Internal Relay (M)	Non-retentive (Point)		M0~M799(800) Note:Can be configured as retentive type		
	Retentive (Point)		M1400~M1911(512) Note: Non-retentive type only		
	Special (Point)		M800~M1399(600) Note:Can be configured as non-retentive type		
Stepping Relay (S)	Non-retentive (Point)		S0~S499(500) Note:S20~S499 Can be configured as retentive type		
	Retentive (Point)		S500~S999(500) Note:S20~S499 Can be configured as retentive type		
T	Timer "Time Up" Status Contact		T0~T255(256)		
C	Counter "Count Up" Status Contact		C0~C255(256)		
Timer	1S		T200~T255(56)		
	100mD		T50~T199(150)		
	10mS		T0~T49(50)		
	1mS		R4151(1)		
	Accumulative Timer		FUN87~FUN89		
Current Counter Value Register	16-bit UP	Retentive	C0~C139(140) Note: Can be configured as non-retentive type		
		Non-retentive	C140~C199(60) Note: Can be configured as retentive type		
	32-bit UP	Retentive	C200~C239(40) Note: Can be configured as non-retentive type		
		Non-retentive	C240~C255(16) Note: Can be configured as retentive type		
	U/D	Retentive/Non-retentive (16-bit)	FUN7		
		Retentive/Non-retentive (32-bit)	FUN7D		
High Speed Counter 1 HHSC+SHSC	1 Phase 1 Input (CK)		2 points (Standard: 1-KHz/ Optional: 200KHz)		
	1 Phase 2 Input (UP/DN,CK/DIR)		HSC0 & HSC1 + HSC4 & HSC5 (Standard: 5KHz / Optional: 100KHz)		
	1 Phase 2 Input (A/B)		Or 1 point (10KHz) HSC0 + HSC4 (Standard: 5KHz / Optional: 100KHz)		
HR DR	Data Register	Retentive	R0~R2999(3000) Note: Can be configured as non-retentive type		
		Non-retentive	S0~D3999(4000)		
HR ROR		Retentive	R3000~R3839(840) Note: Can be configured as retentive type		
		Read Only	R5000~R8071(3072) Note: When not configured as ROR, it can serve as normal register (for Read/Write)		
	File Register	R5000~R8071 Note: ROR is stored in a special ROR area and does not use program space			
IR	Input Register(AI)		F0~F8191(8192) Note: Must Save or Retrieve via special commands		
OR	Output Register(AO)		R3840~R3903(64) Corresponding to external numeric input		
SR	System Register		R3904~R3967(64) Corresponding to external numeric output		
Special Register	0.1mS HSC Register		R3968~R4167(200) ' D4000~D4095(96)		
	H.S.C. Register	H.W.(x1)	R4152~R4154(3)		
		S.W.(x1)	DR4096		
	R.T.C. Register	Time	DR4112		
		Date	R4128 (Sec) R4129 (Min) R4130(Hr) R4131(Day)		
XR	Index Register		R4132 (Mon) R4133 (Yr) R4134(Wk)		
Interrupt			V ~ Z (2) ' P0~P9 (10)		
Pulse Output (PS00, PS01)			X0~X3 (4 single point)		
Communication Port			Y0~Y3 (4 single point, Standard: 10KHz/per point; Optional: 200KHz/per point)		
			Port0(RS232) ' Port1 (For HMI use only; 115.2Kbps) ' Port2(RS485)		