

SW Compact PLC

Technical Data

Model		SW5107L	SW5118	SW5119
Product type		Economical	Standard	
On-board digital input/output		14 DI / 10 DO	24 DI / 16 DO	
Digital output type		Relay	Transistor	Relay
On-board analog input/output		0		
Number of expansion modules		4	20	
Function expansion board		Yes		
High speed counter	Single phase counter	2 channels, 5 KHz	8 channels, 200 KHz	
	Double phase quadruple frequency	1 channel, 20 KHz	8 channels, 200 KHz	
High speed counter range		-231 to 231-1		
High speed output		N/A	4 channels, 100 KHz	N/A
Pulse capture		2 channels, 200 μ s	8 channels, 10 μ s	
Fast external interruption		2 channels, 200 μ s	6 channels, 10 μ s	
Immediate output		N/A	16 channels	N/A
External memory		USB flash drive	TF card	
Program upload support		No	Yes	
Forced function support		No	Yes	
Real-time clock	Built-in clock	Yes		
	Clock accuracy	± 3 minutes/month		
Program memory		128 KB	256 KB	
Data memory		10496 bytes	64 KB	
Power-loss retentive memory		2 KB	8 KB	
Operation speed (bit operation instruction)		0.1 μ s		
Communications	Communication interface	Yes	1 \times RS485, 1 \times Ethernet	
	Communication protocol	Modbus master/slave station, free port protocol, multi-PLC interconnection (only for terminal connection)	Modbus master/slave station, free port protocol, multi-PLC interconnection (only for terminal connection), AT communication (for program uploading and downloading)	
Input power voltage		100 to 240 V AC	24 V DC	100 to 240 V AC
Output power voltage		N/A	24 V DC	
Dimension (W \times H \times D) mm		116 \times 97 \times 90	147 \times 97 \times 90	