



**Electric Automation**  
Automation specialists

Reference: SMC4500050H00

SMC4500050H00 ELIWELL FREESMART  
SMC 4500 / C / S

Buy it at [Electric Automation Network](#)



# PROGRAMMABLE CONTROLS

FREE Smart allows to obtain the maximum performance with extremely compact dimensions.

Expandable with optional module.

Terminal panel, and a wall with temperature and humidity sensors on board

Integrates systems Modbus® thanks to the serial TTL and RS-485 built-in on board,

22 I/O in both formats, of which 3 are analog outputs and 5 analog inputs

Format available in 32x74 and 4 DIN RAIL

Alimentación 12-24V~ or 100-240V~

	<b>SMP5200/5500</b>	<b>SMD5200/5500</b>	<b>SMC5200/5500</b>	<b>SMD4500</b>	<b>SMC4500</b>
<b>Format</b>	32 x 74 x 80 mm	4 DIN	4 DIN	4 DIN	4 DIN
<b>Display</b>	4 digits, 7 segments and 18 icons	4 digits, 7 segments and 18 icons	-	4 digits, 7 segments and 18 icons	-
<b>Power</b>	12...24V~/ 24Vc	12...24V~/ 24Vc	12...24V~/ 24Vc	100-240 VAC 50/60 HZ	100-240 VAC 50/60 HZ

	<b>SMP5200/5500SMD5200/5500SMC5200/5500SMD4500</b>			<b>SMC4500</b>	
<b>Digital outputs</b>	5 x 2A 230 V~ 1 Open-Collector (activation external relay)	5 x 2A 230 V~ 1 Open-Collector (activation external relay)	5 x 2A 230 V~ 1 Open-Collector (activation external relay)	4X 2A 250v (1 switched)	4X 2A 250v (1 switched)
<b>Analog outputs</b>	5 in total, of which 2 PWM 2 0-10V (only for models 5500) 1 of 4...20 mA / 0...20 mA (only for models 5500)	5 in total, of which 2 PWM 2 0-10V (only for models 5500) 1 of 4...20 mA / 0...20 mA (only for models 5500)	5 in total, of which 2 PWM 2 0-10V (only for models 5500) 1 of 4...20 mA / 0...20 mA (only for models 5500)	5 IN TOTAL: 2 Open-Collector 2 0-10v 1 of 4..20mA/0..20mA	5 IN TOTAL: 2 Open-Collector 2 0-10v 1 of 4..20mA/0..20mA
<b>Digital inputs</b>	6 voltage free	6 voltage free	6 voltage free	Configurable AO1, AO2 and 5 EA	Configurable AO1 and 5 EA
<b>Analog inputs</b>	5 in total, of which 3 NTC / D. I. 2 x NTC/ D. I. / 4...20 mA / 0-10V - 0-5V / 0-1V	5 in total, of which 3 NTC / D. I. 2 x NTC/ D. I. / 4...20 mA / 0-10V - 0-5V / 0-1V	5 in total, of which 3 NTC / D. I. 2 x NTC/ D. I. / 4...20 mA / 0-10V - 0-5V / 0-1V	5 in total: 3 NTC, Pt1000/ D. I. 2 NTC, 4..20mA/0-10/0-5V/0-1V/ D. I.	5 in total: 3 NTC, Pt1000/ D. I. 2 NTC, 4..20mA/0-10/0-5V/ D. I.
<b>Connectivity</b>	TTL (ModBus Slave and Micronet Slave) Models /S RS485 (ModBus Slave and Micronet Slave) on-board LAN connection to remote terminal SKP/ SKW or Expansion	TTL (ModBus Slave and Micronet Slave) Models /S RS485 (ModBus Slave and Micronet Slave) on-board LAN connection to remote terminal SKP/ SKW or Expansion	TTL (ModBus Slave and Micronet Slave) Models /S RS485 (ModBus Slave and Micronet Slave) on-board LAN connection to remote terminal SKP/ SKW or Expansion	TTL (ModBus Slave and Micronet Slave) Models / S RS485 (ModBus Slave and Micronet Slave) on-board LAN connection to remote terminal SKP/ SKW or Expansion	TTL (ModBus Slave and Micronet Slave) Models / S RS485 (ModBus Slave and Micronet Slave) on-board LAN connection to remote terminal SKW or Expansion
<b>Clock (only models /C) RTC</b>	If	If	If	If	If

## Characteristics

<b>Reference</b>	SMC4500050H00
<b>Model</b>	SMC4500/C/S
<b>Watch</b>	If
<b>RS485 Built-in</b>	If
<b>Probes</b>	3 NTC / D. I. + 2 NTC/ D. I. / 4...20 mA / 0-10V - 0-5V / 0-1V
<b>D. O</b>	4
<b>Format</b>	DIN rail
<b>Supply voltage</b>	100-240VAC
<b>Supply voltage</b>	100-240VAC

**Manuals****FREE Smart 100-240V Instruction Sheet 9IS24206 rel.03/13 ON-IT****FREE Smart Instruction Sheet 8FI20019 rel.03/13 ON-IT**