

FREE Smart Models



The models are available as a DIN rail-mounted version (**SMD** with display, **SMC** with no display), which saves time in terms of wiring, and in the compact 32x74 Eliwell (**SMP**) size for panel-mounting.

Eliwell supplies various expansion modules (**SE, SME**) and terminals (**SKP, SKW**) for use in conjunction with the corresponding models in the **FREE Smart** range.

All inputs and outputs are independent and configurable, meaning they can be adapted to fit any system.

Model	Code	Digital outputs (*)	TRIAC outputs (*)	O.C. outputs PWM / PPM (**)	Analogue outputs (**)	Digital inputs (***)	Analogue inputs (**)	O.C. outputs
FREE Smart 12...24V~ • /S models integrated RS485 • /C indicates that there is an RTC - Real Time Clock								
	SMP5500/C/S SMP5500050400	5	-	2	3	6	5	1
	SMP4600/C/S SMP4600050400	4	1	2	3	6	5	1
	SMP5500/C SMP5500010400	5	-	2	3	6	5	1
	SMP4600/C SMP4600010400	4	1	2	3	6	5	1
	SMD5500/C/S SMD5500050400	5	-	2	3	6	5	1
	SMD4600/C/S SMD4600050400	4	1	2	3	6	5	1
	SMD3600/C/S SMD3600050400	3	2	1	3	6	5	2
	SMD5500/C SMD5500010400	5	-	2	3	6	5	1
	SMD4600/C SMD4600010400	4	1	2	3	6	5	1
	SMD3600/C SMD3600010400	3	2	1	3	6	5	2
	SMC5500/C/S SMC5500050400	5	-	2	3	6	5	1
	SMC4600/C/S SMC4600050400	4	1	2	3	6	5	1
	SMC3600/C/S SMC3600050400	3	2	1	3	6	5	2
	SMC5500/C SMC5500010400	5	-	2	3	6	5	1
	SMC4600/C SMC4600010400	4	1	2	3	6	5	1
	SMC3600/C SMC3600010400	3	2	1	3	6	5	2

Expansion modules 12...24V~								
	SE632 SE63020310400	3	-	2	-	6	3	1
	SE646 SE64123510400	4	1	2	3	6	5	1
	SE655 SE65023510400	5	-	2	3	6	5	1

Model	Code	Digital outputs (*)	O.C. Outputs: PWM / DI (**)	0-10V Outputs (**)	4...20mA / 0...20mA Outputs (§)	Analogue inputs (**)
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FREE Smart 4500 100-240V~ • /S models integrated RS485 • /C indicates that there is an RTC - Real Time Clock						
	SMD4500/C/S SMD4500050H00	4	2	2	1	5
	SMD4500/C SMD4500010H00	4	2	2	1	5
	SMC4500/C/S SMC4500050H00	4	2	2	1	5
	SMC4500/C SMC4500010H00	4	2	2	1	5

Expansion module 4500 100-240V~						
	SME4500 SME4500000H00	4	2	2	1	5

Terminals

Model	Code	Mounting	Dimensions	Display	Analogue inputs (**)	Power supply
SKP10	SKP1000000000	Panel	74x32x30mm	LED / 4 digit	-	from base board
SKW22	SKW2200000000	Wall	137x96.5x31.3mm	LCD	1 integrated NTC 1 NTC/ DI/4...20mA input	from base board
SKW22L	SKW22L00000000			Backlit LCD		
SKP22	SKP2200000000	Panel(°)	160x96x10mm	LCD	1 NTC input 1 NTC/ DI/4...20mA input	from base board
SKP22L	SKP22L00000000			Backlit LCD		

(*) high voltage
 (**) low voltage (SELV: SAFETY EXTRA LOW VOLTAGE)
 (***) no voltage • (§) or 0-10V on dedicated model
 (°) Contact the Eliwell Sales Office for wall-mounting accessories

PPM Pulse Position Modulation
 PWM Pulse Width Modulation
 TTL supplied as standard
 OC Open Collector