

## AC500-eCo CPUs

Type	User program memory	Onboard I/Os DI/DO/AI/AO	Digital Onboard I/O		Analog Onboard I/O		Ethernet Interface	Power supply	Order code
			Input signal	Output signal	Input signal	Output signal			
PM554-T	128 kB	8 / 6 / - / -	24 V DC	Transistor, 24 V DC, 0.5 A	-	-	-	24 V DC	1TNE 968 900 R0100
PM554-R	128 kB	8 / 6 / - / -	24 V DC	Relay, 24 V DC, 100-240 V AC, 2 A	-	-	-	24 V DC	1TNE 968 900 R0200
PM554-R-AC	128 kB	8 / 6 / - / -	24 V DC	Relay, 24 V DC, 100-240 V AC, 2 A	-	-	-	100-240 V AC	1TNE 968 900 R0220
PM564-T *	128 kB	6 / 6 / 2 / 1	24 V DC	Transistor, 24 V DC, 0.5 A	0...10 V: 10 bits	0...10 V, 0...20 mA, 4...20 mA	-	24 V DC	1TNE 968 900 R1100
PM564-R *	128 kB	6 / 6 / 2 / 1	24 V DC	Relay, 24 V DC, 100-240 V AC, 2 A	0...10 V: 10 bits	0...10 V, 0...20 mA, 4...20 mA	-	24 V DC	1TNE 968 900 R1200
PM564-R-AC *	128 kB	6 / 6 / 2 / 1	24 V DC	Relay, 24 V DC, 100-240 V AC, 2 A	0...10 V: 10 bits	0...10 V, 0...20 mA, 4...20 mA	-	100-240 V AC	1TNE 968 900 R1220
PM554-T-ETH	128 kB	8 / 6 / - / -	24 V DC	Transistor, 24 V DC, 0.5 A	-	-	yes	24 V DC	1TNE 968 900 R0110
PM564-T-ETH *	128 kB	6 / 6 / 2 / 1	24 V DC	Transistor, 24 V DC, 0.5 A	0...10 V: 10 bits	0...10 V, 0...20 mA, 4...20 mA	yes	24 V DC	1TNE 968 900 R1110
PM564-R-ETH *	128 kB	6 / 6 / 2 / 1	24 V DC	Relay, 24 V DC, 100-240 V AC, 2 A	0...10 V: 10 bits	0...10 V, 0...20 mA, 4...20 mA	yes	24 V DC	1TNE 968 900 R1210
PM564-R-ETH-AC *	128 kB	6 / 6 / 2 / 1	24 V DC	Relay, 24 V DC, 100-240 V AC, 2 A	0...10 V: 10 bits	0...10 V, 0...20 mA, 4...20 mA	yes	100-240 V AC	1TNE 968 900 R1211

\* All analog inputs on AC500-eCo CPU PM564 can be configured as digital inputs.

## S500-eCo I/O

Type	DI/DO/DC	Input signal	Output signal	Terminal block 9 poles	Terminal block 11 poles	Order code
DI561	8DI / - / -	24 V DC	-	1	-	1TNE 968 902 R2101
DI562	16DI / - / -	24 V DC	-	1	1	1TNE 968 902 R2102
DI571	8DI / - / -	100-240 V AC	-	1	1	1TNE 968 902 R2103
DO561	- / 8DO / -	-	Transistor, 24 V DC, 0.5 A	-	1	1TNE 968 902 R2201
DO571	- / 8DO / -	-	Relay, 24 V DC, 100-240 V AC, 2 A	-	1	1TNE 968 902 R2202
DO572	- / 8DO / -	-	Triac, 100-240 V AC, 0.3 A	1	1	1TNE 968 902 R2203
DX561	8DI / 8DO / -	24 V DC	Transistor, 24 V DC, 0.5 A	1	1	1TNE 968 902 R2301
DX571	8DI / 8DO / -	24 V DC	Relay, 24 V DC, 100-240 V AC, 2 A	1	1	1TNE 968 902 R2302
DC561	- / - / 16DC	24 V DC	Transistor, 24 V DC, 0.1 A, HE 10-20 connector for prewiring system interfast	HE10-20	-	1TNE 968 902 R2001
AI561	4AI / -	-2.5...+2.5 V, -5...+5 V, 0...5 V, 0...10 V, 0...20 mA, 4...20 mA	-	1	1	1TNE 968 902 R1101
AO561	- / 2AO	-	-10...+10 V, 0...20 mA, 4...20 mA	-	1	1TNE 968 902 R1201
AX561	4AI / 2AO	-2.5...+2.5 V, -5...+5 V, 0...5 V, 0...10 V, 0...20 mA, 4...20 mA	-10...+10 V, 0...20 mA, 4...20 mA	1	1	1TNE 968 902 R1301
AI562	2AI / -	PT100, PT1000, Ni100, Ni1000, Resistance: 150Ω, 300Ω	-	-	1	1TNE 968 902 R1102
AI563	4AI / -	Thermocouples: S, T, R, E, N, K, J, Voltage range: ±80 mV	-	1	1	1TNE 968 902 R1103

Terminal blocks (9 or 11 poles) are necessary for S500-eCo I/Os. They are delivered separately. Note: Only ABB S500-eCo terminal blocks are suitable for S500-eCo I/Os (see table S500-eCo terminal blocks).

## S500-eCo terminal blocks

Type	Descriptions	Order code
L44460901501	9 poles terminal block for S500-eCo I/O modules, screw front / cable side	1SSS 444 609 R1100
L44461101501	11 poles terminal block for S500-eCo I/O modules, screw front / cable side	1SSS 444 611 R1100
L44440901501	9 poles terminal block for S500-eCo I/O modules, screw front / cable front	1SSS 444 409 R1100
L44441101501	11 poles terminal block for S500-eCo I/O modules, screw front / cable front	1SSS 444 411 R1100
L44470901501	9 poles terminal block for S500-eCo I/O modules, spring front / cable front	1SSS 444 709 R1100
L44471101501	11 poles terminal block for S500-eCo I/O modules, spring front / cable front	1SSS 444 711 R1100

## Software and cable

Type	Descriptions	Order code
PS501	Programming package PS501 Control Builder AC500	1SAP 190 100 R0002
PS541-HMI	License for runtime visualization package. For installation and visualization of images created with the programming package PS501. Delivery includes license code and documentation.	1SAP 190 500 R0001
TK503	Programming cable USB => RS485 SUB-D, 3 meters, COM1	1TNE 968 901 R1100
TK504	Programming cable USB => RS485 terminal block, 3 meters, COM2	1TNE 968 901 R2100

## Options

Type	Descriptions	Order code
MC502	SD Memory card 512 MB	1SAP 180 100 R0001
MC503	SD Memory card adapter	1TNE 968 901 R0100
TA561-RTC*	Real-time clock	1TNE 968 901 R3200
TA562-RS	Serial communication interface COM2, RS485, terminal block	1TNE 968 901 R4300
TA562-RS-RTC*	Serial communication interface COM2 with real-time clock, RS485, terminal block	1TNE 968 901 R5210
TA566	Wall mounting accessory for AC500 CPU and S500 I/O modules	1TNE 968 901 R3107
TA570	Terminal blocks for CPU and option cover	1TNE 968 901 R3203

\* Standard battery CR 2032 has to be purchased separately.

## Starter kit

Type	Descriptions	Order code
PM554-STAKIT	1x CPU PM554-T, 1x TK503 programming cable, 1x PS501 Starter kit version, 1x "Getting started" CD, 1x screwdriver	1TNE 968 903 R0100