

SICAM 8 - SICAM A8000 Series – 6MF2

Product description	Variants	Article No.																	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16		
SICAM A8000	CP-8000 Compact Device with display Incl. SD card Communication Interface 2x Ethernet, 1x RS232, 1x RS485 Power Supply DC 24 V to 60 V Temperature range -40°C to +70°C 12 DI (DC 24 V to 60 V) 8 DO Relais (AC/DC max. 250 V)	6	M	F	2	1	0	1	-	1	A	B	1	0	-	0	A	A	0
	CP-8010 Compact Device with ZigBee Communication Interface 3x Ethernet, 1x RS232, 2x RS485 Power Supply DC 24 V to 60 V Temperature range -40°C to +70°C 8 DI (DC 24 V to 60 V) 7 DO Relais (2x 8A, 5x 4A) 1 AI (-22mA ... 22mA)	6	M	F	2	8	0	1	-	0	A	A	0						
	CP-8012 Compact Device with ZigBee & LTE CAT1/GPRS Communication Interface 3x Ethernet, 1x RS232, 2x RS485 Power Supply DC 24 V to 60 V Temperature range -40°C to +70°C 8 DI (DC 24 V to 60 V) 7 DO Relais (2x 8A, 5x 4A) 1 AI (-22mA ... 22mA)	6	M	F	2	8	0	1	-	2	A	A	0						
Coupling	CM-6812 Coupling TM I/O Adapter	6	M	F	1	1	1	3	-	0	G	J	1	2	-	0	A	A	0
	CM-8811 Coupling Module I/O Module for CP-8000	6	M	F	2	8	8	1	-	1	A	A	0	0					
	CM-8810 Coupling Module I/O Module for CP-8010 & CP-8012	6	M	F	2	8	8	1	-	0	A	A	0	0					
Processor module	CP-8021 Processor Module 3 x RJ45, 1 x RS485	6	M	F	2	8	0	2	-	1	A	A	0	0					
	CP-8031 Processor Module 4 x RJ45	6	M	F	2	8	0	3	-	1	A	A	0	0					
	CP-8050 Processor Module 4 x RJ45, extendable with CI-85xx	6	M	F	2	8	0	5	-	0	A	A	0	0					
Power supply modules	PS-8620 Power Supply DC 24 V to 60 V (12 W)	6	M	F	2	8	6	2	-	0	A	A	0	0					
	PS-8622 Power Supply DC 110 V to 220 V (12W)	6	M	F	2	8	6	2	-	2	A	A	0	0					
	PS-8640 Power Supply DC 24 V to 60 V (45 W)	6	M	F	2	8	6	4	-	0	A	A	0	0					
	PS-8642 Power Supply DC 110 V to 220 V, AC 230 V (45 W)	6	M	F	2	8	6	4	-	2	A	A	0	0					
Communication modules	CI-8520 Ethernet Communication Interface Module	6	M	F	2	8	5	2	-	0	A	A	0	0					
	CI-8522 Ethernet Communication Interface Module with 2 x F/O; 3 x RJ45	6	M	F	2	8	5	2	-	2	A	A	0	0					
	CI-8551 Serial Communication Module	6	M	F	2	8	5	5		1	A	A	0	0					
Binary input	DI-8110 Binary Input, 2x8, DC 24 V, 1ms	6	M	F	2	8	1	1	-	0	A	A	0	0					
	DI-8111 Binary Input, 2x8, DC 48 V to 60 V, 1ms	6	M	F	2	8	1	1	-	1	A	A	0	0					
	DI-8112 Binary Input, 2x8, DC 110 V, 1ms	6	M	F	2	8	1	1	-	2	A	A	0	0					
	DI-8113 Binary Input, 2x8, DC 220 V, 1ms	6	M	F	2	8	1	1	-	3	A	A	0	0					
Binary output	DO-8212 Binary Output Relais 4x2, DC 24 V to 220 V / AC110/230V	6	M	F	2	8	2	1	-	2	A	A	0	0					
	DO-8221 secured command output	6	M	F	2	8	2	2	-	1	A	A	0	0					
	DO-8230 Transistor DO	6	M	F	2	8	2	3		0	A	A	0	0					

SICAM 8 - SICAM A8000 Series – 6MF2

<u>Analog Input</u>	AI-8310 Analog Input ; 2x2 PT100/PT1000	6	M	F	2	8	3	1	-	0	A	A	0	0
	AI-8320 Analog Input; 4x, +/-20mA, +/-10V	6	M	F	2	8	3	2	-	0	A	A	0	0
	AI-8330 Analog Input; 3 x I (6 A) mit AI-8340	6	M	F	2	8	3	3	-	0	A	A	0	0
	AI-8340 Analog Input; 4 x U (250 V), 2 x DO	6	M	F	2	8	3	4	-	0	A	A	0	0
	AI-8510 Analog Input; 3xU (AC 100/√3V, AC 230 V, AC 400/√3V), 3xI (LoPo)	6	M	F	2	8	5	1	-	0	A	A	0	0
	AI-8511 Analog Input; 3xU (LoPo), 3xI (LoPo)	6	M	F	2	8	5	1	-	1	A	A	0	0
<u>Analog output</u>	AO-8380 Analog Output; 4x, +/-20mA, +/-10mA, +/-10V	6	M	F	2	8	3	8	0	A	A	0	0	

(continued on next page)

SICAM 8 - SICAM A8000 Series – 6MF2

Product description	Variants	Article No.
SICAM A8000		1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
(continued from previous page)		↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑
<u>Current-transformer adaptor module</u>	CM-8820 CT-Adapter for AI-8510, 3 x I 1A/5A, 225 mV	6 M F 2 8 8 2 - 0 A A 0 0
<u>LED Module</u>	CM-8830 SICAM I/O Module LED	6 M F 2 8 8 3 - 0 A A 0 0
<u>Display Module</u>	CM-8880 Display Module for CP-8010 & CP-8012	6 M F 2 8 8 8 - 0 A A 0 0
<u>SICAM I/O Remote Module</u>	CI-8530 SICAM I/O Remote Interface Module electrical DC 24 V to 60V	6 M F 2 8 5 3 - 0 A A 0 0
	CI-8531 SICAM I/O Remote Interface Module, F/O DC 24 V to 60 V	6 M F 2 8 5 3 - 1 A A 0 0
	CI-8532 SICAM I/O Remote Interface Module, electrical DC 110 V to 220 V	6 M F 2 8 5 3 - 2 A A 0 0
	CI-8533 SICAM I/O Remote Interface Module, F/O DC 110 V to 220 V	6 M F 2 8 5 3 - 3 A A 0 0
<u>SICAM Rack Solution</u>	CI-2530 SICAM Rack I/O Remote Front Panel for CI-2530 complete	6 M F 2 2 5 3 - 0 A A 0 0
<u>Licences (OSD)</u>		6 M F 2 7 5 0 - 2 □ □ 0 0
	SICAM A8000 Extended Processing DL	E P
	SICAM A8000 CP-803x Extended CI Module DL	E X
	SICAM A8000 IEC 104 Firewall DL	F W
	SICAM A8000 LXC Container DL	L X
	SICAM A8000 Licensed Protocol DL	P R
	SICAM A8000 CI-852x Redbox DL	R B
	SICAM A8000 Redundancy DL	R E
	SICAM A8000 Extended SICAM WEB license DL	W E
<u>Accessories</u>	CM-0822 Fieldbus-interface star (4x FO)	6 M F 1 1 1 1 - 0 A J 2 2 - 0 A A 0
	PS-6630 Power supply 24-60VDC EMC+	6 M F 1 1 1 3 - 0 G G 3 0 - 0 A A 0
	PS-6632 Power supply 110-220VDC EMC+	6 M F 1 1 1 3 - 0 G G 3 2 - 0 A A 0
	2 GByte SD Card	6 M F 1 2 1 3 - 1 G A 0 5 - 0 A A 0
	Flash Card 512 MB -40 °C	6 M F 1 2 1 3 - 2 G A 0 5 - 0 A A 0
	CM-8812 bus connector plug SICAM I/O (this bus connector plug can be found in all SICAM I/O modules)	C 5 3 2 0 7 - A 5 8 1 2 - D 4 8 1 - 3 ¹⁾
	CM-8813 bus connector CP-8031/CP-8050 (This bus connector is included in CP-8031/CP-8050)	C 5 3 2 0 7 - A 5 8 1 3 - D 4 8 1 - 1
	Locking hook SICAM A8000 3-cm module	C 5 3 2 0 7 - A 5 0 1 4 - D 4 8 1 - 1 ¹⁾
<u>Function point budget</u>	1 Function point	6 M F 2 7 5 2 - 1 A A □ □ - □ □ □ □

Substation Automation
Control, Monitoring, Diagnostic

Create SICAM license files (SICLIC) and manage function point budgets with the [SICAM Function Point Manager](#). Registration is required in the Function Point Manager and the creation of a budget account. To order function points use the account specific article number that is displayed in your Function Point Manager account. Order function points from your regional sales partner or in the [SiePortal](#). You can find further explanations at: [SICAM Function Point Manager Productwebsite](#). When placing an order, you accept the following terms and conditions: siemens.com/fpm-terms.