

Expansion units

Expansion I/O Units



CP1W-8ED
DC inputs: 8

CP1W-8ER
Relay outputs: 8

CP1W-8ET
Transistor outputs (sinking): 8

CP1W-8ET1
Transistor outputs (sourcing): 8



CP1W-16ER
Relay outputs: 16

CP1W-16ET
Transistor outputs (sinking): 16

CP1W-16ET1
Transistor outputs (sourcing): 16

CP1W-20EDR1
DC inputs: 12
Relay outputs: 8



CP1W-20EDT
DC inputs: 12
Transistor outputs (sinking): 8

CP1W-20EDT1
DC inputs: 12
Transistor outputs (sourcing): 8

CP1W-32ER
Relay outputs: 32

CP1W-32ET
Transistor outputs (sinking): 32

CP1W-32ET1
Transistor outputs (sourcing): 32
CP1W-40EDR
DC inputs: 24
Relay outputs: 16

CP1W-40EDT
DC inputs: 24
Transistor outputs (sinking): 16

CP1W-40EDT1
DC inputs: 24
Transistor outputs (sourcing): 16

Analog I/O Units



Analog Input Unit

CP1W-AD042
Inputs: 4 (12,000 resolution)

Analog Output Unit

CP1W-DA021
Outputs: 2 (6,000 resolution)
CP1W-DA042
Outputs: 4 (12,000 resolution)

Analog I/O Unit

CP1W-MAD11
Inputs: 2 (6,000 resolution)
Output: 1 (6,000 resolution)

CP1W-MAD42
Inputs: 4 (12,000 resolution)
Outputs: 2 (12,000 resolution)

CP1W-MAD44
Inputs: 4 (12,000 resolution)
Outputs: 4 (12,000 resolution)

Temperature Sensor Unit



CP1W-TS001
Thermocouple inputs: 2

CP1W-TS003
Thermocouple inputs: 4
Analog inputs: 2 (instead of 2 thermocouple inputs)

CP1W-TS004
Thermocouple inputs: 12

CP1W-TS101
Platinum-resistance thermometer inputs: 2
CP1W-TS102
Platinum-resistance thermometer inputs: 4

CompoBus/S I/O Link Unit



CP1W-SRT21
Inputs: 8 bits
Outputs: 8 bits

DeviceNet I/O Link Unit



CPM1A-DRT21
Inputs: 32 bits
Outputs: 32 bits

PROFIBUS-DP I/O Link Unit



CPM1A-PRT21
Inputs: 16 bits
Outputs: 16 bits

Optional Boards



CP1W-CIF01
RS-232C
(15 m max.)



CP1W-CIF11
RS-422A/485
(50 m max.)



CP1W-CIF12
RS-422A/485
(Isolated-type)
(500 m max.)



CP1W-CIF41
Ethernet



CP1W-DAM01
Display 4 rows,
12 characters



CP1W-ADB21
Analog 2 inputs,
0-10 V, 0-20 mA



CP1W-DAB21V
Analog
2 outputs, 0-10 V



CP1W-MAB221
Analog 2 inputs
0-10 V, 0-20 mA &
2 outputs 0-10 V

USB Programming Cable



CP1W-CN221
A-type male to B-type male,
Length: 1.8 m

Memory Cassette



CP1W-ME05M
512K words
(upload/download program)

Switch Input Board



CP1W-SWB06

Battery Set



CP1W-BAT01

CJ Unit Adapter



CP1W-EXT01
CJ Unit adapter
for use with
CP1H.
Includes CJ
endplate.

I/O Connecting Cable



CP1W-CN811
Length: 80 cm
CP1W/CPM1A Expansion Units
include I/O Connection Cables (in
lengths of approx. 6 cm) for
side-by-side connection.

Note 1: This table is a general overview only. For details, refer to the CP1E datasheet (Cat. No. P061), CP1L datasheet (Cat. No. P081) or CP1H datasheet (Cat. No. P080).

Note 2: CPM1A Expansion Unit and Expansion I/O Units can be used with CP1H, CP1L or CP1E CPU Units under the same conditions as for the CP1W.