

Channel ACTION ALERT!

OMRON
INDUSTRIAL AUTOMATION

NO: PC-229
DATE: July 2011

PRODUCT: CQM1/CQM1H PLCs
TYPE: Discontinuation Notice

CQM1/CQM1H Programmable Controllers will be Discontinued March 2012; Use CJ2M Series Instead

Omron Industrial Automation will discontinue the CQM1H series of programmable controllers March 2012 to standardize on the scalable platform supporting CJ2, CP1 and CS1 series. Help customers migrate from CQM1H and CJ1M to CJ2M using the [Replacement Guide linked here](#).

Caution on Recommended Replacement

CQM1/H series CPU units, dedicated I/O units and I/O units will be discontinued. Replacement of PLCs with CJ2 or CS1 systems will require a significant amount of design change (PLC Programming, unit setting, wiring and so on). Omron will provide repair and maintenance service for seven years after product discontinuation.



Product Discontinuation and Recommended Replacement

CPU units	
Discontinuation model	Recommended model
CQM1H-CPU11	CJ2M-CPU11
CQM1H-CPU21	CJ2M-CPU11
CQM1H-CPU51	CJ2M-CPU12
CQM1H-CPU61	CJ2M-CPU13

Programming Console cannot be used for CJ2 CPU units.
CQM1H-CPU has 16 points for input. CJ1W-ID211 unit is needed if you use.

Inner Board	
Discontinuation model	Recommended model
CQM1H-CTB41	CJ1W-CT021 *1
CQM1H-PLB21	CJ2M-MD211 *3
CQM1H-AVB41	--
CQM1H-MAB42	CJ1W-MAD42
CQM1H-SCB41	CJ1W-SCU41-V1

*1 CQM1H-CTB41 has 4 points for input. Two CJ1W-CT021 units are needed.

*3 Needs Connector.

Expansion I/O Blocks	
Discontinuation model	Recommended model
CQM1H-IC101	CJ1W-IC101
CQM1H-II101	CJ1W-II101

Basic I/O units	
Discontinuation model	Recommended model
CQM1-IA121	CJ1W-IA111
CQM1-IA221	CJ1W-IA201
CQM1-ID211	CJ1W-ID201
CQM1-ID111	CJ1W-ID201 *1
CQM1-ID212	CJ1W-ID211
CQM1-ID112	CJ1W-ID201 *2
CQM1-ID213	CJ1W-ID231 *3
CQM1-ID214	CJ1W-ID231 *3
CQM1-OC221	CJ1W-OC201
CQM1-OC222	CJ1W-OC211
CQM1-OC224	CJ1W-OC201
CQM1-OA221	CJ1W-OA201
CQM1-OA222	CJ1W-OA201
CQM1-OD211	CJ1W-OD201
CQM1-OD212	--
CQM1-OD213	--
CQM1-OD216	CJ1W-OD232 *3
CQM1-OD214	CJ1W-OD212
CQM1-OD215	CJ1W-OD202

*1 CQM1-ID111 has 16 points for DC12V input. Two CJ1W-ID201 units are needed.

*2 CQM1-ID112 has 32 points for DC12V input. Four CJ1W-ID201 units are needed.

*3 Needs Connector.

Dedicated I/O units	
Discontinuation model	Recommended model
CQM1-B7A12	CJ1W-B7A14
CQM1-B7A13	CJ1W-B7A14
CQM1-B7A02	CJ1W-B7A04
CQM1-B7A03	CJ1W-B7A04
CQM1-B7A21	CJ1W-B7A22
CQM1-AD041	CJ1W-AD041-V1
CQM1-DA021	CJ1W-DA021
CQM1-IPS01	--
CQM1-IPS02	--
CQM1-SRM21-V1	CJ1W-SRM21
CQM1-DRT21	CJ1W-DRM21
CQM1-TC001	CJ1W-TC003
CQM1-TC002	CJ1W-TC004
CQM1-TC101	CJ1W-TC103
CQM1-TC102	CJ1W-TC104

Dedicated I/O units	
Discontinuation model	Recommended model
CQM1-TC201	CJ1W-TC001
CQM1-TC202	CJ1W-TC002
CQM1-TC203	CJ1W-TC003
CQM1-TC204	CJ1W-TC004
CQM1-TC301	CJ1W-TC101
CQM1-TC302	CJ1W-TC102
CQM1-TC303	CJ1W-TC103
CQM1-TC304	CJ1W-TC104
CQM1-ATT21	--
CQM1-SF200	--

Communication unit	
Discontinuation model	Recommended model
CQM1H-CLK21	CJ1W-CLK23

Memory Cassette	
Discontinuation model	Recommended model
CQM1H-ME16K	--
CQM1H-ME16R	--
CQM1-ME08K	--
CQM1-ME08R	--
CQM1-ME04K	--
CQM1-ME04R	--
CQM1-MP08K	--
CQM1-MP08R	--

CJ2M-CPU has a SRAM for backup programs.

IDSC units	
Discontinuation model	Recommended model
IDSC-C1DR-A	CJ2M series
IDSC-C1DT-A	CJ2M series
IDSC-C1DR-A-E	CJ2M series
IDSC-C1DT-A-E	CJ2M series

It is necessary to combine based on CJ1W-V600C11 and below units for the replacement with CJ2M. (CJ1W-PA202 CJ2M-CPU11 CJ1W-ID211 CJ1W-OC211 OD211)

Programming Console	
Discontinuation model	Recommended model
CQM1-PRO01	C200H-PRO27-E
CQM1H-PRO01	
CQM1H-PRO01-E	

Programming Console cannot be used for CJ2 CPU units.

End Cover	
Discontinuation model	Recommended model
CQM1H-TER01	CJ1W-TER01

Power supply units are available to buy during the maintenance period. Discontinuation date is as follows:

Power Supply		
Model	Recommended model	Discontinuation date
CQM1-PA203	CJ1W-PA202	The end of March 2019
CQM1-PA206	CJ1W-PA205R	
CQM1-PA216	CJ1W-PA205R	
CQM1-PD026	CJ1W-PD025	
CQM1-IPS01	--	
CQM1-IPS02	--	