

NO: PC-316 **PRODUCT:** CS1, CJ2 and CP1 PLCs
DATE: November 2015 **TYPE:** Modification Notice

New Security Enhancements for CS1, CJ2 and CP1 Controllers Includes Longer Password Capability

In the spirit of continuous improvement, Omron is enhancing security for the CS1, CJ2 and CP1 series of controllers. The controller password will be expanded from an 8 digit maximum length to a new 16 digit maximum length. Models with the new firmware will start production on the schedule below.

Effective dates:

October 2015 for CJ2M, CJ2H, CJ1G, CS1, CP1H, CP1L

January 2016 for CP1E

Note: Only new controllers will have the password enhancements. It will not be possible to upgrade controllers with this change.

The changes will apply to the following controller series:

CJ2M-CPUxx, CJ2H-CPUxx-(EIP), CJ1G-CPUxxP

CS1G-CPUxx, CS1H-CPUxx, CS1D-CPUxx

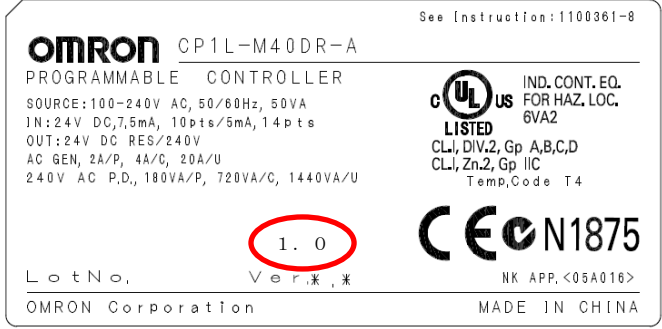
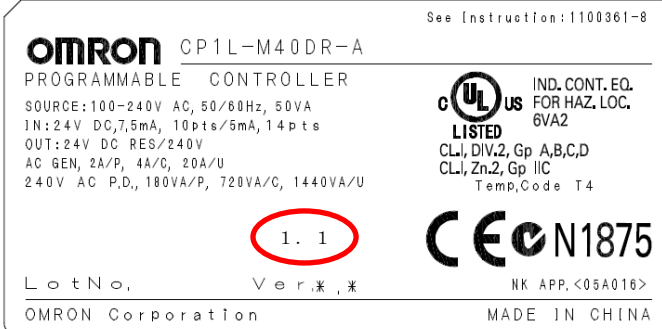
CP1L-(E)M/L/Jxx, CP1H-X(A)/Yxx, CP1E-E/N

Where xx indicates model variations.

See the following pages for change details and affected parts.



Detail of Differences

Previous Version	New Version
<p>Password Length Length of Password: up to 8 characters</p> <p>Unit version label indication Example: CP1L-M40DR-A: Ver.1.0.</p> 	<p>Password Length Length of Password: up to 16 characters</p> <p>To enhance security, passwords can now be up to 16 characters. This function will be added with the update of CX-ONE to be released in October, 2015.</p> <p>Unit version label indication Example: CP1L-M40DR-A: Ver.1.1</p> 

Affected Parts

Models with updated firmware to ship in October 2015

Models	Specification	Unit version		Models	Specification	Unit Version	
		Before	After			Before	After
CJ2M-CPU11	CPU unit	2.0	2.1	CP1L-L10DR-A	CPU unit	1.0	1.1
CJ2M-CPU12	CPU unit	2.0	2.1	CP1L-L14DR-A	CPU unit	1.0	1.1
CJ2M-CPU13	CPU unit	2.0	2.1	CP1L-L20DR-A	CPU unit	1.0	1.1
CJ2M-CPU14	CPU unit	2.0	2.1	CP1L-M30DR-A	CPU unit	1.0	1.1
CJ2M-CPU15	CPU unit	2.0	2.1	CP1L-M40DR-A	CPU unit	1.0	1.1
CJ2M-CPU31	CPU unit	2.0	2.1	CP1L-M60DR-A	CPU unit	1.0	1.1
CJ2M-CPU32	CPU unit	2.0	2.1	CP1L-L10DR-D	CPU unit	1.0	1.1
CJ2M-CPU33	CPU unit	2.0	2.1	CP1L-L14DR-D	CPU unit	1.0	1.1
CJ2M-CPU34	CPU unit	2.0	2.1	CP1L-L20DR-D	CPU unit	1.0	1.1
CJ2M-CPU35	CPU unit	2.0	2.1	CP1L-M30DR-D	CPU unit	1.0	1.1
CJ2H-CPU64	CPU unit	1.4	1.5	CP1L-M40DR-D	CPU unit	1.0	1.1
CJ2H-CPU65	CPU unit	1.4	1.5	CP1L-M60DR-D	CPU unit	1.0	1.1
CJ2H-CPU66	CPU unit	1.4	1.5	CP1L-EL20DR-D	CPU unit	1.0	1.1
CJ2H-CPU67	CPU unit	1.4	1.5	CP1L-EM30DR-D	CPU unit	1.0	1.1
CJ2H-CPU68	CPU unit	1.4	1.5	CP1L-EM40DR-D	CPU unit	1.0	1.1
CJ2H-CPU64-EIP	CPU unit	1.4	1.5	CP1L-L10DT-A	CPU unit	1.0	1.1
CJ2H-CPU65-EIP	CPU unit	1.4	1.5	CP1L-L14DT-A	CPU unit	1.0	1.1
CJ2H-CPU66-EIP	CPU unit	1.4	1.5	CP1L-L20DT-A	CPU unit	1.0	1.1
CJ2H-CPU67-EIP	CPU unit	1.4	1.5	CP1L-M30DT-A	CPU unit	1.0	1.1

Models	Specification	Unit version		Models	Specification	Unit Version	
		Before	After			Before	After
CJ2H-CPU68-EIP	CPU unit	1.4	1.5	CP1L-M40DT-A	CPU unit	1.0	1.1
CJ1G-CPU42P	CPU unit	4.0	4.1	CP1L-M60DT-A	CPU unit	1.0	1.1
CJ1G-CPU43P	CPU unit	4.0	4.1	CP1L-L10DT-D	CPU unit	1.0	1.1
CJ1G-CPU44P	CPU unit	4.0	4.1	CP1L-L14DT-D	CPU unit	1.0	1.1
CJ1G-CPU45P	CPU unit	4.0	4.1	CP1L-L20DT-D	CPU unit	1.0	1.1
CS1D-CPU42S	CPU unit	2.0	2.1	CP1L-M30DT-D	CPU unit	1.0	1.1
CS1D-CPU44S	CPU unit	2.0	2.1	CP1L-M40DT-D	CPU unit	1.0	1.1
CS1D-CPU65S	CPU unit	2.0	2.1	CP1L-M60DT-D	CPU unit	1.0	1.1
CS1D-CPU67S	CPU unit	2.0	2.1	CP1L-EL20DT-D	CPU unit	1.0	1.1
CS1D-CPU65H	CPU unit	1.3	1.4	CP1L-EM30DT-D	CPU unit	1.0	1.1
CS1D-CPU67H	CPU unit	1.3	1.4	CP1L-EM40DT-D	CPU unit	1.0	1.1
CS1D-CPU65P	CPU unit	1.3	1.4	CP1L-L10DT1-D	CPU unit	1.0	1.1
CS1D-CPU67P	CPU unit	1.3	1.4	CP1L-L14DT1-D	CPU unit	1.0	1.1
CS1G-CPU42H	CPU unit	4.0	4.1	CP1L-L20DT1-D	CPU unit	1.0	1.1
CS1G-CPU43H	CPU unit	4.0	4.1	CP1L-M30DT1-D	CPU unit	1.0	1.1
CS1G-CPU44H	CPU unit	4.0	4.1	CP1L-M40DT1-D	CPU unit	1.0	1.1
CS1G-CPU45H	CPU unit	4.0	4.1	CP1L-M60DT1-D	CPU unit	1.0	1.1
CS1H-CPU63H	CPU unit	4.0	4.1	CP1L-EL20DT1-D	CPU unit	1.0	1.1
CS1H-CPU64H	CPU unit	4.0	4.1	CP1L-EM30DT1-D	CPU unit	1.0	1.1
CS1H-CPU65H	CPU unit	4.0	4.1	CP1L-EM40DT1-D	CPU unit	1.0	1.1
CS1H-CPU66H	CPU unit	4.0	4.1	CP1L-J14DR-A	CPU unit	1.0	1.1
CS1H-CPU67H	CPU unit	4.0	4.1	CP1L-J14DR-D	CPU unit	1.0	1.1
CP1H-X40DR-A	CPU unit	1.2	1.3	CP1L-J14DT1-D	CPU unit	1.0	1.1
CP1H-XA40DR-A	CPU unit	1.2	1.3	CP1L-J20DR-A	CPU unit	1.0	1.1
CP1H-Y20DT-D	CPU unit	1.2	1.3	CP1L-J20DR-D	CPU unit	1.0	1.1
CP1H-X40DT-D	CPU unit	1.2	1.3	CP1H-XA40DT-D	CPU unit	1.2	1.3
				CP1H-X40DT1-D	CPU unit	1.2	1.3
				CP1H-XA40DT1-D	CPU unit	1.2	1.3
				CP1L-J20DT1-D	CPU unit	1.0	1.1

Models with updated firmware to ship in January 2016

Models	Specification	Unit version		Models	Specification	Unit version	
		Before	After			Before	After
CP1E-N60DR-A	CPU unit	1.2	1.3	CP1E-N60SDR-A	CPU unit	1.1	1.3
CP1E-N60DT-A	CPU unit	1.2	1.3	CP1E-N60SDT-D	CPU unit	1.1	1.3
CP1E-N60DT1-A	CPU unit	1.2	1.3	CP1E-N60SDT1-D	CPU unit	1.1	1.3
CP1E-N60DR-D	CPU unit	1.2	1.3	CP1E-N60S1DR-A	CPU unit	1.1	1.3
CP1E-N60DT-D	CPU unit	1.2	1.3	CP1E-N60S1DT-D	CPU unit	1.1	1.3
CP1E-N60DT1-D	CPU unit	1.2	1.3	CP1E-N60S1DT1-D	CPU unit	1.1	1.3
CP1E-N40DR-A	CPU unit	1.2	1.3	CP1E-N40SDR-A	CPU unit	1.1	1.3
CP1E-N40DT-A	CPU unit	1.2	1.3	CP1E-N40SDT-D	CPU unit	1.1	1.3
CP1E-N40DT1-A	CPU unit	1.2	1.3	CP1E-N40SDT1-D	CPU unit	1.1	1.3
CP1E-N40DR-D	CPU unit	1.2	1.3	CP1E-N40S1DR-A	CPU unit	1.1	1.3
CP1E-N40DT-D	CPU unit	1.2	1.3	CP1E-N40S1DT-D	CPU unit	1.1	1.3
CP1E-N40DT1-D	CPU unit	1.2	1.3	CP1E-N40S1DT1-D	CPU unit	1.1	1.3

Models	Specification	Unit version		Models	Specification	Unit version	
		Before	After			Before	After
CP1E-N30DR-A	CPU unit	1.2	1.3	CP1E-N30SDR-A	CPU unit	1.1	1.3
CP1E-N30DT-A	CPU unit	1.2	1.3	CP1E-N30SDT-D	CPU unit	1.1	1.3
CP1E-N30DT1-A	CPU unit	1.2	1.3	CP1E-N30SDT1-D	CPU unit	1.1	1.3
CP1E-N30DR-D	CPU unit	1.2	1.3	CP1E-N30S1DR-A	CPU unit	1.1	1.3
CP1E-N30DT-D	CPU unit	1.2	1.3	CP1E-N30S1DT-D	CPU unit	1.1	1.3
CP1E-N30DT1-D	CPU unit	1.2	1.3	CP1E-N30S1DT1-D	CPU unit	1.1	1.3
CP1E-NA20DR-A	CPU unit	1.2	1.3	CP1E-E60SDR-A	CPU unit	1.1	1.3
CP1E-NA20DT-D	CPU unit	1.2	1.3	CP1E-E40SDR-A	CPU unit	1.1	1.3
CP1E-NA20DT1-D	CPU unit	1.2	1.3	CP1E-E30SDR-A	CPU unit	1.1	1.3
CP1E-N20DR-A	CPU unit	1.1	1.3	CP1E-E20SDR-A	CPU unit	1.1	1.3
CP1E-N20DT-A	CPU unit	1.1	1.3	CP1E-E14SDR-A	CPU unit	1.1	1.3
CP1E-N20DT1-A	CPU unit	1.1	1.3	CP1E-E40DR-A	CPU unit	1.1	1.3
CP1E-N20DR-D	CPU unit	1.1	1.3	CP1E-E30DR-A	CPU unit	1.1	1.3
CP1E-N20DT-D	CPU unit	1.1	1.3	CP1E-E20DR-A	CPU unit	1.1	1.3
CP1E-N20DT1-D	CPU unit	1.1	1.3	CP1E-E14DR-A	CPU unit	1.1	1.3
CP1E-N14DR-A	CPU unit	1.1	1.3	CP1E-E10DR-A	CPU unit	1.1	1.3
CP1E-N14DT-A	CPU unit	1.1	1.3	CP1E-E10DT-A	CPU unit	1.1	1.3
CP1E-N14DT1-A	CPU unit	1.1	1.3	CP1E-E10DT1-A	CPU unit	1.1	1.3
CP1E-N14DR-D	CPU unit	1.1	1.3	CP1E-E10DR-D	CPU unit	1.1	1.3
CP1E-N14DT-D	CPU unit	1.1	1.3	CP1E-E10DT-D	CPU unit	1.1	1.3
CP1E-N14DT1-D	CPU unit	1.1	1.3	CP1E-E10DT1-D	CPU unit	1.1	1.3

Specifications in this product news are as of the issue date and are subject to change without notice. Only main changes in specifications are described in this document. Please be sure to read the relevant catalogs, datasheets, product specifications, instructions, and manuals for precautions and necessary information when using products.