

Product Discontinuation Notice

Issue Date March 31, 2023

20230323 DOP 00002

Programmable Multi-Axis Controller (PMAC)

For over 20 years, the Turbo PMAC family and other common accessories have enjoyed a successful life span and numerous innovative applications. We thank you for that. Key components on these products have been obsolete for a few years now. They are no longer obtainable and our inventory stock is nearing its' end. For that reason, we are announcing the discontinuation of certain products that incorporate these components. Please contact your local OMRON sales representative for more information about this notice and other OMRON industry-leading line of programmable multi-axis motion controllers.

Product Discontinuation

MACRO I/O Peripheral Accessory ACC-52M

Recommended Replacement

No Direct Replacement

UMAC Systems

ACC-5E3 + ACC-24E3

ACC-5E3 + ACC-59E3

EtherCAT Drives or I/O Omron 1S or 1SA Series

Omron ECC-203 + NX I/O



Model 3-3970-00-A□□□-00□00



[Final order entry date]

March 31, 2024

[Date of The Last Shipping]

September 30, 2024

[Scheduled date of maintenance close]

September 29, 2027 (subject to part availability)

[Difference from discontinued product]

[Emerence nem dissertings product]							
Recommended replacement Model	Body Color	Dimen- sions	Wire connection	Mounting Dimensions	Charac- teristics	Operation ratings	Operation methods
UMAC Solution	-		*		*	*	-
Power Brick Solution	-		*		*	*	-
EtherCAT Solution	-	-		-	-	-	-

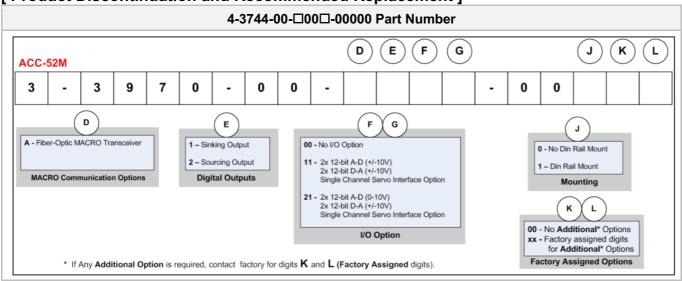
** : Compatible

* : The change is a little/Almost compatible

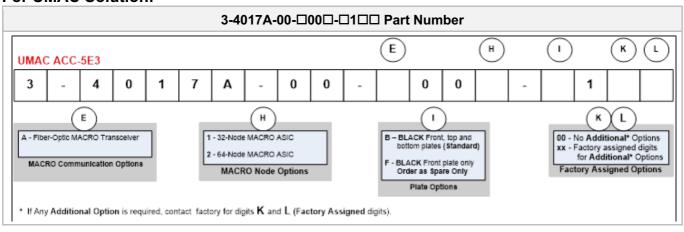
-- : Not compatible

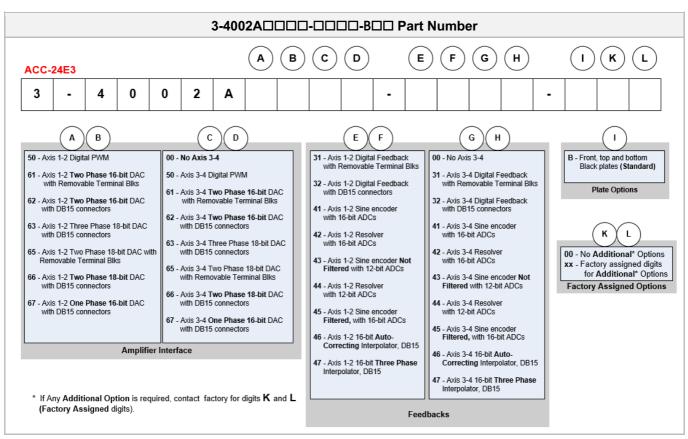
- : No corresponding specification

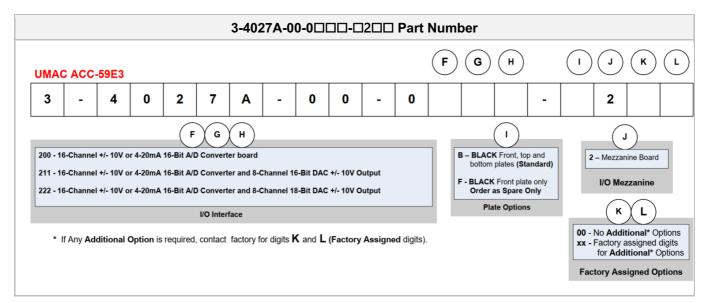
[Product Discontinuation and Recommended Replacement]



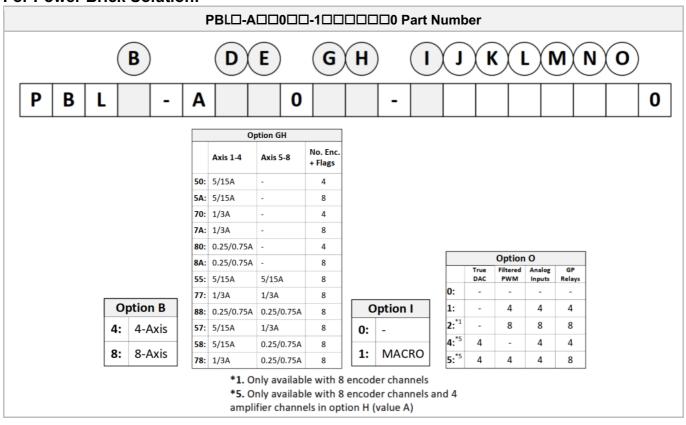
For UMAC Solution:

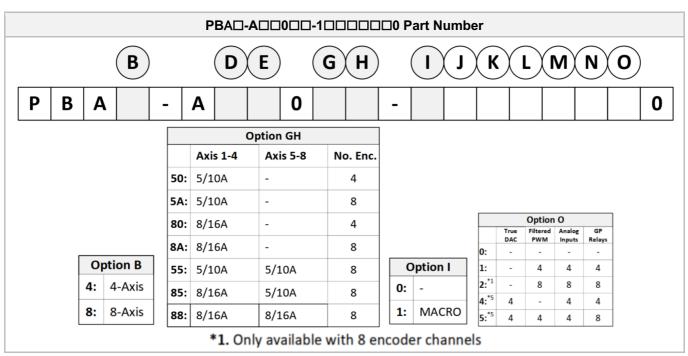






For Power Brick Solution:





For EtherCAT Solution:

R88D-1SN□□□-ECT Part Number R88D-1SN01H-ECT 1S-series Servo Drive Drive type -N : Communications type Maximum applicable Servomotor capacity 01 : 100 W 02 : 200 W 04 : 400 W 06 : 600 W 08 : 750 W 10 : 1 kW 15 : 1.5 kW 20 : 2 kW 30 : 3 kW Power supply voltage -L : 100 VAC H : 200 VAC F : 400 VAC Communications type **ECT**: EtherCAT communications

(1) Unit type

No.	Specification
ID	DC input
IA	AC input
OD	Transistor output
oc	Relay output
MD	DC input/Transistor output

(2) Number of points

No.	Specification
2	2 points
3	4 points
4	8 points
5	16 points
6	32 points, or 16 points each for inputs and outputs

(3) I/O type

No.	Inputs	Outputs	Mixed I/O (Input, Output)
1	For both NPN/PNP	NPN	For both NPN/PNP, NPN
2		PNP	For both NPN/PNP, PNP
3	NPN		
4	PNP		
6		N.O.	
7		N.O.+N.C.	

(5) External connection terminals

No.	Specification
None	Screwless clamping terminal block
-1	M3 screw terminal block
-5	MIL connector
-6	Fujitsu connector

(4) Other specifications Digital Input Units

Varies depending on desired functions

NOTES:

- A UMAC Solution is the closest replacement, but because of the differences, customers are recommended to contact local Omron representative to determine the most appropriate solution for their specific application.

Product Discontinuation	Recommended Replacement
3-3970-00-A100-00000	Contact Local Omron Representative
3-3970-00-A100-00100	Contact Local Omron Representative
3-3970-00-A111-00000	Contact Local Omron Representative
3-3970-00-A111-00100	Contact Local Omron Representative
3-3970-00-A121-00000	Contact Local Omron Representative
3-3970-00-A121-00100	Contact Local Omron Representative
3-3970-00-A200-00000	Contact Local Omron Representative
3-3970-00-A200-00100	Contact Local Omron Representative
3-3970-00-A211-00000	Contact Local Omron Representative
3-3970-00-A211-00100	Contact Local Omron Representative
3-3970-00-A221-00000	Contact Local Omron Representative
3-3970-00-A221-00100	Contact Local Omron Representative

Specifications and prices 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.

Rev	Description	Date	Prepared By	Approved By
A	Released	5/12/2023	PS	AA