

# Bloc Fonction

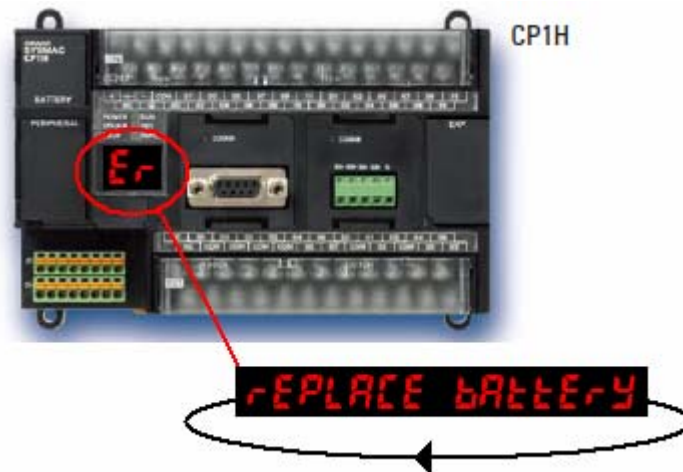


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0.15€ TTC/mn

Référence	MsgTo7Seg
Révision	1.0
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Date	28/09/2010
+ Support	<a href="http://support-omron.fr/">http://support-omron.fr/</a>

## Function Block for message on 7-segment (CP1H only)

































Basic Function	The MsgTo7Seg allow to display flowing message on the 7-segment of CP1H PLC.
Symbol	
File	<a href="#">MsgTo7Seg.cxf</a>
Applicable models	CP1H
Function description	Message should be stored in the D area using ASCII hexa code finishing with 2 NULL characters in the last word. When Start input goes ON, each pair of characters will be displayed in flowing string at the specified time (timing input). When Start input goes OFF, 7-segment will be cleared. Characters are moved one by one to the left at a given interval (Timing)
Restrictions	Be aware that MsgTo7Seg Function Bloc use <b>IR7</b> . If already used, please add a save/restore code in the FB.

### Input variable

Name	Data type	Range	Description
Start	BOOL	0, 1	On: Start display Off: clear display
D_Address	DINT	0 to 32766	Address of the 1rst Data memory
Timing	UINT	0 to 9999	Time between each character in 1/10s

## Available characters

## Numeric Values Corresponding to 7-segment Displays

0 (3F)	1 (06)	2 (5B)	3 (4F)	4 (66)	5 (6D)	6 (7D)	7 (27)	8 (7F)	9 (6F)
									
A (77)	B (7C)	C (39)	D (5E)	E (79)	F (71)	G (3D)	H (76)	I (19)	J (0D)
									
K (72)	L (38)	M (55)	N (54)	O (5C)	P (73)	Q (67)	R (50)	S (6D)	T (78)
									
U (3E)	V (1C)	W (6A)	X (1D)	Y (6E)	Z (49)	Space (00)			
