

Bloc Fonction



OMRON ELECTRONICS S.A.S.
14 Rue de Lisbonne
93561 Rosny-sous-Bois cedex

N° Indigo 0 825 825 679
0.15€ TTC/mm

Référence	Send_SMS
Révision	1.4
Auteur	JP Viskovic
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+ Support	http://support-omron.fr/

Fonction block to send SMS with GSM modem

Function	Send SMS by switching communication mode Hostlink-RS232C-Hostlink
Symbol	
File	Send_SMS.cxf
PLC	CPU : CP1L-L and CP1H/CP1L-M right port CS/CS RS232C port
Conditions of use	Standard modem GSM Front switch should be set on <i>Setup</i> mode (user configuration). CP1L-L : SW4 off CP1L-M : SW5 off CJ1/CJ2 : SW5 off Modem wiring and configuration are detailed in the technical sheet FT079 .
Principe	Message is stored in DM area from D32700 and should be less than 136 characters. STUP instruction switch serial port from Hostlink to RS232C mode to enable sending text message to the Modem. A TXD instruction send the command AT+CMGS= "tel No" <Cr> Message <Ctrl+Z> then the serial port is changed back to Hostlink mode (9600, 8, N, 1) to enable remote connection. Switching the serial port and waiting for an aknowledge from the modem could take several seconds. Busy flag should be controlled before re-execute the FB.

Input variables

Name	type	Range	Description
Send_SMS	BOOL	OFF, ON	Send the message stored in D32700-32765
Prefixe_336	UNIT	0000-0999	Prefix (default value 0 = 0336)
Tel	DWORD	00000000 to 99999999	Telephone number without the prefix +336 Ex: 06 01 02 03 04 input → #01020304

Output variables

Name	type	Range	Description
ENO	BOOL	OFF, ON	ON : SMS sent
Busy	BOOL	OFF, ON	Executing (waiting confirmations)
Error	BOOL	OFF, ON	Error on instruction STUP or TXD
Sms_Count	UINT	0 - FFFF	Counter of sent SMS