

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/mn

| | |
|-----------|---|
| Référence | G9SP_Status |
| Révision | 1.0 |
| Auteur | R. Couchoud |
| Date | 30/06/2011 |
| + Support | http://support-omron.fr/ |

G9SP Status Read

| | |
|-------------------|---|
| Function | Read several G9SP controller status flag and word |
| Fichier | G9SP_Status.cxf |
| Modèles valides | <p>PLC :</p> <ul style="list-style-type: none"> - CJ1M-CPU1x_ETN - CJ2M-CPU3x - Cx1W-ETN21 <p>CP1 <i>Serie not supported</i></p> <p>G9SP : all types using a CP1W-CIF41 V2 or more</p> |
| Conditions of use | The FB G9SP_Status use FINS protocol to send request to the G9SP Controller through the Ethernet/Serial interface CP1W-CIF41 V2 or more. |
| Restrictions | In case of several ETN21, the FB Status Read will use the smallest unit No |
| Example | |
| Setup | <p>Configurer les adresses IP de l'automate et du contrôleur G9SP, ainsi que le numéro de port FINS/UDP (9600 par défaut).</p> <p>The G9SP controller does not route FINS. Only local network could be used.</p> <p>In case of automatic allocation method (default) le FINS Node No correspond to the last IP address field.</p> <p>Use G9SP configurator to setup the FINS Node No of the G9SP.</p> |

Input variables

| Name | Type | Range | Description |
|------------------|-------|-------------------|---|
| EN | BOOL | OFF-ON | ON = execute the FB |
| Node_No | UINT | 0x00 - 0xFF | G9SP Node Number |
| Delay_10ms | UINT | 0 - 65535 | Inter-frame delay (10ms) Ex : &2 → 20ms |
| PLC_To_G9SP_Data | DWORD | 0x0 to 0xFFFFFFFF | Data to write in the G9SP (32bits) (Optional Communication Reception Data) |

Output variables

| Name | Type | Range | Description |
|--------------------|-------|-------------------|--|
| ENO | BOOL | OFF-ON | Function block executed |
| OK | BOOL | OFF-ON | Communication status flag (ON= OK) |
| G9SP_Normal_Op | BOOL | OFF-ON | G9SP Status ON=no error <u>AND</u> Programme executing |
| Safety_Input_Data | DWORD | 0x00-0xFFFFF | Security Input status. Each bit corresponds to a security input. The number of status bit depends of the G9SP type. |
| Safety_Output_Data | WORD | 0x00-0xFFFF | Security Output Status. Each bit corresponds to a security input. The number of status bit depends of the G9SP type. |
| G9SP_To_PLC_Data | DWORD | 0x0 to 0xFFFFFFFF | Data read from the G9SP (32bits) (Optional Communication Transmission Data) |