

Bloc Fonction



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0.15€ TTC/mn

Référence	Ecrit_Var_Dnet
Révision	1.1
Auteur	F. Elien
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+ Support	http://support-omron.fr/

Bloc Fonction d'écriture de paramètre dans un variateur en DeviceNet

Fonction	Ecriture de paramètre dans un variateur en DeviceNet avec l'instruction CMND																									
Symbole		<table border="1"> <thead> <tr> <th colspan="2">Ecrit_Var_Dnet</th> </tr> </thead> <tbody> <tr> <td>(BOOL) EN</td> <td>(BOOL) ENO</td> </tr> <tr> <td>(UJINT) numero_noeud_esclave</td> <td>(BOOL) bit_erreur</td> </tr> <tr> <td>(WORD) Class_ID</td> <td>(WORD) code_erreur_fins</td> </tr> <tr> <td>(WORD) Instance_ID</td> <td>(WORD) code_erreur_devicenet</td> </tr> <tr> <td>(WORD) Attribute_ID</td> <td>(INT) valeur_parametre</td> </tr> <tr> <td>(UJINT) numero_reseau</td> <td>(BOOL) erreur_CMND</td> </tr> <tr> <td>(UJINT) numero_noeud_maitre</td> <td></td> </tr> <tr> <td>(UJINT) numero_unite_maitre</td> <td></td> </tr> <tr> <td>(BOOL) Ecriture</td> <td></td> </tr> <tr> <td>(UJINT) Valeur</td> <td></td> </tr> </tbody> </table>	Ecrit_Var_Dnet		(BOOL) EN	(BOOL) ENO	(UJINT) numero_noeud_esclave	(BOOL) bit_erreur	(WORD) Class_ID	(WORD) code_erreur_fins	(WORD) Instance_ID	(WORD) code_erreur_devicenet	(WORD) Attribute_ID	(INT) valeur_parametre	(UJINT) numero_reseau	(BOOL) erreur_CMND	(UJINT) numero_noeud_maitre		(UJINT) numero_unite_maitre		(BOOL) Ecriture		(UJINT) Valeur		10.00	
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Fichier	Ecrit_Var_Dnet.cxf																									
Modèles valides	Maître: CS1W-DRM21 (-V1), CJ1W-DRM21 Esclave: 3G3MV, 3G3RV, CIMR-V7AZ, CIMR-F7Z, CIMR-E7Z CPU : CS1*-CPU**H Unit v3.0 ou plus, CJ1*-CPU**H Unit v3.0 ou plus CJ1M-CPU** Unit v3.0 ou plus, CP1H, CP1L																									
Conditions d'utilisation	Table de routage obligatoire (n° de réseau à définir dans le BF)																									
Restrictions d'utilisation	Pas de restriction sur le type de scanlist (manuel ou automatique)																									
Documentations	SYSDRIVE 3G3MV Multi-function Compact Inverters User's Manual (I527) SYSDRIVE 3G3RV High-function General-purpose Inverters User's Manual (I532) SYSDRIVE DeviceNet Communications Unit/Card User's Manual (I539) CS/CJ Series DeviceNet Units Operation Manual (W380) Section 3 Allocated CIO and DM Words Section 4 Remote I/O Master Communications CIMR-F7Z User's Manual (YEG-TOE-S616-55.1-OY) CIMR-E7Z User's Manual (YEG-TOE-S616-56.1-OY)																									

Code erreur message explicite

Error Code	Meaning	Countermeasures
0000	Normal end response.	---
08FF	The requested service does not exist.	Correct the service code and send the data again.
09FF	An invalid attribute was detected.	Check and correct the attribute values, and send the data again.
0CFF	The requested service cannot be executed in the current object mode or status.	Stop the Inverter and send the data again.
0EFF	A request has been sent to change an attribute that cannot be changed.	Check and correct the service code and attribute values, and send the data again.
13FF	There is insufficient data to execute the service.	Correct the data size and send the data again.
14FF	The attribute for the service does not exist.	Check and correct the service code and attribute values, and send the data again.
15FF	There is too much data to execute the service.	Correct the data size and send the data again.
16FF	The specified object does not exist.	Check and correct the class and instance values, and send the data again.
20FF	The parameters are invalid or the data is outside the range for the requested service.	Check and correct the data setting range, send the data again.
1FFF	Manufacturer fault code.	Stop the Inverter and send the data again. Check and correct the data setting range, send the data again.

Code erreur FINS

FINS response	Meaning	Likely cause	Countermeasures
0000	Normal completion	---	---
0101	Local node not in network	The local node (DeviceNet Unit) is not participating in the network.	Check the DeviceNet Unit's settings and network settings.
0105	Local node address out-of-range error	The local node's (DeviceNet Unit's) node address is not between 0 and 63.	Set the DeviceNet Unit's node address correctly. (Set a unique node address between 0 and 63.)
0106	Local node address duplication error	The local node's (DeviceNet Unit's) node address is duplicated on another node.	
0201	Remote node not in network	The other node is not participating in the network. (The MS/NS indicators will not be normal.)	Establish a proper network connection at the remote node.
0202	No such Unit in remote node	The wrong node address was specified.	Check the other node's node address.
		The DeviceNet Unit's FINS address is incorrect.	Check the FINS address specified in the CMND instruction's control data.
0205	Response timeout	The response monitoring time in the CMND instruction's control data is too short.	Set a longer response monitoring time.
		The message frame was corrupted by noise.	Check for noise (from sources such as the communications power supply and switching devices) and take steps to reduce noise. Consider increasing the number of retries.
0401	Undefined command	The DeviceNet Unit received an unrecognizable command.	Check the CMND instruction's FINS command number (2801).
		The DeviceNet Unit received a FINS command intended for another Unit.	Check the FINS address specified in the CMND instruction's control data.