

Bloc Fonction



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0.15€ TTC/mn

Référence	Mail_Send
Révision	2.0
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+ Support	http://support-omron.fr/

Envoi de mail pour Contrôleur NJ/NX

Fonction	Envoi de mail vers un serveur SMTP																															
Fichier	Mail_Send.zip																															
Contrôleur	Contrôleur machine NJ1/NJ3/NJ5 et NX1P																															
Symbole	<p style="text-align: center;">Mail_Send_Instance</p> <div style="border: 1px solid black; padding: 5px; margin: 0 auto; width: fit-content;"> <p style="text-align: center;">Mail_Send</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; border-right: 1px solid black; padding: 2px;">Execute</td> <td style="padding: 2px;">Busy</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 2px;">SMTP_Addr</td> <td style="padding: 2px;">Done</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 2px;">SMTP_Port</td> <td style="padding: 2px;">Error</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 2px;">Local_Addr</td> <td style="padding: 2px;">Status</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 2px;">Timeout</td> <td style="padding: 2px;">ErrorID</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 2px;">SMTP_AUTH</td> <td></td> </tr> <tr> <td style="border-right: 1px solid black; padding: 2px;">AccountName</td> <td></td> </tr> <tr> <td style="border-right: 1px solid black; padding: 2px;">Password</td> <td></td> </tr> <tr> <td style="border-right: 1px solid black; padding: 2px;">Mail_Source</td> <td></td> </tr> <tr> <td style="border-right: 1px solid black; padding: 2px;">Mail_Dest</td> <td></td> </tr> <tr> <td style="border-right: 1px solid black; padding: 2px;">Subject</td> <td></td> </tr> <tr> <td style="border-right: 1px solid black; padding: 2px;">Message</td> <td></td> </tr> <tr> <td style="border-right: 1px solid black; padding: 2px;">SendAttachment</td> <td></td> </tr> <tr> <td style="border-right: 1px solid black; padding: 2px;">AttachmentFile</td> <td></td> </tr> <tr> <td style="border-right: 1px solid black; padding: 2px;">Path</td> <td></td> </tr> </table> </div>	Execute	Busy	SMTP_Addr	Done	SMTP_Port	Error	Local_Addr	Status	Timeout	ErrorID	SMTP_AUTH		AccountName		Password		Mail_Source		Mail_Dest		Subject		Message		SendAttachment		AttachmentFile		Path		<pre>Mail_Send_Instance (Execute := parameter, SMTP_Addr := parameter, SMTP_POrt := parameter, Local_Addr := parameter, Timeout := parameter, SMTP_AUTH := parameter, AccountName := parameter, Password := parameter, Mail_Source := parameter, Mail_dest := parameter, Subject := parameter, Message := parameter, SendAttachment := parameter, AttachmentFile := parameter, Path := parameter, Busy => parameter, Done => parameter, Error => parameter, Status => parameter, ErrorID);</pre>
Execute	Busy																															
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Message																																
SendAttachment																																
AttachmentFile																																
Path																																
Utilisation	L'adresse SMTP du fournisseur d'accès Internet peut être obtenue facilement depuis Internet.																															
Limitations	<ul style="list-style-type: none"> - Mail_Send fonctionne exclusivement sur le port EtherNet/IP intégré au contrôleur. - Mail_Send ne peut pas se connecter aux serveurs SMTP avec un cryptage SSL/TLS - Le nom d'hôte doit être déclaré dans les paramètres du port intégré Ethernet/IP - la taille de la pièce jointe ne doit pas dépasser les limites du serveur SMTP. 																															

Variables

Variables d'entrée

Nom	Type	Valeurs	Fonction
Execute	BOOL	OFF-ON	ON = exécution du FB
SMTP_Addr	STRING[201]		Adresse IP ou nom d'hôte du serveur SMTP
SMTP_Port	UINT	1 à 65535	Port TCP du serveur SMTP (25 par défaut)
Local_Addr	STRING[201]		
Timeout	UINT	1 à 65535	Délai de réponse en 10ème/s (20 par défaut)
SMTP_AUTH	BOOL	OFF-ON	Activation de l'authentification ESMTP
AccountName	STRING[61]		Nom d'utilisateur du compte SMTP
Password	STRING[31]		Mot de passe du compte SMTP
Mail_Source	STRING[61]		Adresse mail de l'expéditeur
Mail_Dest	STRING[61]		Adresse mail du destinataire
Subject	STRING[257]		Sujet du mail
Message	STRING[1025]		Message du mail
AttachmentFile	STRING[66]		Nom du fichier à joindre *
Path	STRING[66]		Chemin du fichier à joindre incluant le 1 ^{er} et le dernier caractère « \ » *

* : Le nom du fichier + le chemin doivent comporter 66 caractères maximum

Variables de sortie

Nom	Type	Valeurs	Fonction
Busy	BOOL	OFF-ON	Commande en cours
Done	BOOL	OFF-ON	Fin d'exécution
Error	BOOL	OFF-ON	Drapeau d'erreur d'exécution
Status	STRING[60]		Commentaire d'étape ou d'erreur (cf plus bas)
ErrorID	UWORD	0000-FFFF	Code erreur (cf tableau plus bas)

Statuts

Status	Description
'Connecting to SMTP Server'	Connection to SMTP server in progress, waiting for the socket to establish a connection with the server.
'Connection SMTP failed'	The TCP connection wasn't established.
'Waiting for SMTP server'	Waiting for the prompt message from SMTP.
'Connection SMTP failed: <SMTP error message>'	The SMTP replied to the connection attempt with an error
'Connecting to Mailbox'	'HELO' message sent, waiting for the SMTP reply.
'Requesting authentication'	Start of the SMTP authentication phase.
'SMTP AUTH failed: <SMTP error message>'	Error during authentication, see the reply message for details.
'Sending Account Name'	Account name sent, waiting for the next password request
'SMTP AUTH User failed: <AUTH error message>'	User name rejected, see the reply message.
'Sending Account Password'	Account password sent, waiting for authorization.
'SMTP Authentication failed: <AUTH error message>'	Authentication refused, see error message for details.
'Sending mail source'	Mail source address sent, waiting for reply.
'Sending mail destination'	Mail destination address sent, waiting for reply.
'Sending mail'	Mail body sent, waiting for reply.
'Sending first part'	Sending the first part of an email with attachment.
'Sending attachment'	Sending of the attachment body.
'File Not Found'	The specified file has not been found.
'Error Reading file'	Error reading the attachment file.
'Sending attachment - Block: <n>'	Sending the attachment block n.
'Failed to send attachment block: <n>'	Error while sending attachment block n.
'Last Part'	Sending closing part of the message.
'Send QUIT command'	Closing connection with the server.
'Send mail failed: <SMTP error message>'	Error during the SMTP sequence. The message depends on the implementation of the SMTP server.

Code erreur ErrorID

Error Code (hex)	Description
0000	Normal completion, no error
1400	SD Memory Card access failed when an instruction was executed.
1403	The file specified for an instruction does not exist. Or, the specified file is corrupted.
1405	A file specified for an instruction cannot be accessed because it is already being used.
140B	The maximum number of open files was exceeded when opening a file for an instruction.
140D	The file name or directory name that was specified for an instruction is too long.
140E	SD Memory Card access failed.
2000	Local IP Address Setting Error. An instruction was executed when there was a setting error in the local IP address.
2001	TCP/UDP Port Already in Use. The UDP or TCP port was already in use when the instruction was executed.
2002	Address resolution failure. Wrong hostname or DNS error.
2003	Status Error. The status was not suitable for execution of the instruction.
2004	Local IP Address Not Set. The local IP address was not set when a socket service instruction was executed.
2006	Socket Timeout. A timeout occurred for a socket service instruction. The device did not reply within the expected time.
2007	Socket handle out of range.
2008	Socket communication resource overflow.