

0001	PROGRAM PLC_PRG
0002	VAR
0003	
0004	(*Blocs utilisés*)
0005	PID: Fb_Control_PID_Adv;
0006	PWM: Fb_PWM;
0007	FM1: R_TRIG;
0008	FM2: R_TRIG;
0009	FM3: R_TRIG;
0010	FM4: R_TRIG;
0011	
0012	
0013	(*Variables internes*)
0014	SORTIE_PWM: BOOL;
0015	DELTA_TEMP: REAL;
0016	SORTIE_ANA : REAL;
0017	PRIORITE_PUISSANCE : BOOL;
0018	PRIORITE_DEBIT : BOOL;
0019	PRIORITE_DELTA_T : BOOL;
0020	T1: BOOL; TPS1: TON; TIME1: TIME;
0021	T2: BOOL; TPS2: TON; TIME2:TIME;
0022	T3: BOOL; TPS3: TON; TIME3: TIME;
0023	T4: BOOL; TPS4: TON;
0024	T5: BOOL; TPS5: TON;
0025	T6: BOOL; TPS6: TON;
0026	T7: BOOL;
0027	T8: BOOL;
0028	T9: BOOL;
0029	T10: BOOL;
0030	T11: BOOL;
0031	T12: BOOL;
0032	T13: BOOL;
0033	T14: BOOL;
0034	T15: BOOL;
0035	T16: BOOL;
0036	T17: BOOL;
0037	T18: BOOL;
0038	T19: BOOL;
0039	T20: BOOL;
0040	T21: BOOL;
0041	
0042	
0043	(*Variables booléennes*)
0044	IMP_COMP_NRJ AT %MX50.0 : BOOL;
0045	DEF_ELEC AT %MX50.6 : BOOL;
0046	
0047	CDE_FORCAGE_VANNE AT %MX51.1: BOOL;
0048	
0049	DELTA_T AT %MX120.0: BOOL;
0050	ALARME_TEMP AT %MX120.1: BOOL;
0051	DEBIT_INF AT %MX120.2: BOOL;
0052	OUV100 AT %MX120.3: BOOL;
0053	CDE_VANNE_MANU AT %MX120.4: BOOL;
0054	DEFAUT_PUISSANCE AT %MX120.5: BOOL;
0055	
0056	
0057	(*Variables réelles*)
0058	P AT %MD28: REAL;
0059	I AT %MD29: REAL;
0060	D AT %MD30: REAL;
0061	VANNE_VAL_MANU AT %MD31: REAL;
0062	SORTIE_PID AT %MD32 : REAL;
0063	MESURE_PUISSANCE AT %MD33: REAL;
0064	CONSIGNE_PUISSANCE AT %MD34: REAL;
0065	PUISSANCE_MAX AT %MD35: REAL;
0066	PUISSANCE_MIN AT %MD36: REAL;

0067	
0068	TEMP_TC1 AT %MD38: REAL;
0069	TEMP_TC2 AT %MD39: REAL;
0070	TEMP_TC3 AT %MD40 : REAL;
0071	SEUIL_ALARME_TC1 AT %MD41: REAL;
0072	SEUIL_DEBIT AT %MD42 : REAL;
0073	SEUIL_DELTA_T AT %MD43 : REAL;
0074	COMP_NRJ AT %MD44 : REAL;
0075	DEBIT AT %MD45: REAL;
0076	TEMP_ALLER AT %MD46: REAL;
0077	TEMP_RETOUR AT %MD47: REAL;
0078	SEUIL_PUISSANCE AT %MD48: REAL;
0079	VAL_ACTUEL_PID AT %MD49: REAL;
0080	VAL_REF_PID AT %MD50: REAL;
0081	CONSIGNE_DEBIT AT %MD51: REAL;
0082	CONSIGNE_DELTA_T AT %MD52: REAL;
0083	P_PUISSANCE AT %MD53: REAL;
0084	I_PUISSANCE AT %MD54: REAL;
0085	D_PUISSANCE AT %MD55: REAL;
0086	P_DEBIT AT %MD56: REAL;
0087	I_DEBIT AT %MD57: REAL;
0088	D_DEBIT AT %MD58: REAL;
0089	REGUL_PRIORITAIRE AT %MD59: REAL;
0090	
0091	P_DELTA_T AT %MD65: REAL;
0092	I_DELTA_T AT %MD66: REAL;
0093	D_DELTA_T AT %MD67: REAL;
0094	REGUL_ACTIF AT %MD68: REAL;
0095	TPS_CPUISSANCE AT %MD69: REAL;
0096	ECART_CPUISSANCE AT %MD70: REAL;
0097	TPS_CDEBIT AT %MD71: REAL;
0098	ECART_CDEBIT AT %MD72: REAL;
0099	TPS_CDELTA_T AT %MD73:REAL;
0100	ECART_CDELTA_T AT %MD74: REAL;
0101	DEBIT_MAX AT %MD75: REAL;
0102	DEBIT_MIN AT %MD76: REAL;
0103	DELTA_T_MAX AT %MD77: REAL;
0104	DELTA_T_MIN AT %MD78: REAL;
0105	
0106	TEST: INT;
0107	END_VAR
0001	(*Appel des sous programmes*)
0002	
0003	PLC_PRG.SEFA();
0004	PLC_PRG.ANALOG();
0005	PLC_PRG.GESTION_REGUL();
0006	COMM();
0007	
0008	(*Variables pour la table d'échange*)
0009	(*ENTREES TOR*)
0010	%MX50.0 := %IX6.0;
0011	%MX50.1 := %IX6.1;
0012	%MX50.2 := %IX6.2;
0013	%MX50.3 := %IX6.3;
0014	%MX50.4 := %IX6.4;
0015	%MX50.5 := %IX6.5;
0016	%MX50.6 := %IX6.6;
0017	%MX50.7 := %IX6.7;
0018	
0019	(*SORTIES TOR*)
0020	%QX4.0 := %MX51.0;
0021	%QX4.1 := %MX51.1;
0022	
0023	(*ENTREE ANA*)
0024	%MW52 := %IW0;
0025	%MW53 := %IW1;

0026	%MW54 := %IW2;
0027	%MW55 := %IW3;
0028	
0029	(*Delta température*)
0030	DELTA_TEMP:=TEMP_ALLER - TEMP_RETOUR;
0031	
0032	(*Correspondance des mots*)
0033	(*MESURE PUISSANCE*)
0034	%MW66:=%MW406;
0035	%MW67:=%MW407;
0036	(*DEBIT*)
0037	%MW90:=%MW402;
0038	%MW91:=%MW403;
0039	(*TEMPERATURE ALLER*)
0040	%MW92:=%MW408;
0041	%MW93:=%MW409;
0042	(*TEMPERATURE RETOUR*)
0043	%MW94:=%MW410;
0044	%MW95:=%MW411;
0045	(*COMPTEUR ENERGIE*)
0046	%MW88:=%MW400;
0047	%MW89:=%MW401;
0048	(*SORTIE PID MISE A L'ECHELLE*)
0049	SORTIE_ANA:= 100 - SORTIE_PID;
0050	%QW0:= REAL_TO_INT(SORTIE_ANA * 32764 / 100);

ERROR: syntaxerror
OFFENDING COMMAND: --nostringval--

STACK:

/Title
()
/Subject
(D:20120621160611+02'00')
/ModDate
()
/Keywords
(PDFCreator Version 0.9.5)
/Creator
(D:20120621160611+02'00')
/CreationDate
(robert.cyril)
/Author
-mark-