



Universidad de Valladolid



ESCUELA DE INGENIERÍAS
INDUSTRIALES

Máster en Electrónica Industrial y Automática

12-ANEXO B



Universidad de Valladolid



**ESCUELA DE INGENIERÍAS
INDUSTRIALES**

Máster en Electrónica Industrial y Automática

dispermix

PROJECT DOCUMENTATION

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1.1 System\Channel

Channel	Network Type	Primary Driver	Secondary Driver	Active Driver	Messages
1	TCP/IP	AB_ETH-1		Primary	3
2	TCP/IP	AB_ETH-1		Primary	3
3					
4					

1.2 System\Node

	Node Name	Data Source	Device	Channel	Station or Server	Timeout	Enabled
1	Maqueta	Direct Driver	SLC 5 (Enhanced)	1 - TCP/IP	010.067.008.247	3.000000	Yes

1.3 System\Scan Class

Scan Class Name	Foreground Period (sec)	Background Period (sec)
A	1.000	5.000
B	1.000	5.000
C	1.000	5.000
D	1.000	5.000
E	1.000	5.000
F	1.000	5.000
G	1.000	5.000
H	1.000	5.000
I	1.000	5.000
J	1.000	5.000
K	1.000	5.000

1.4.1 System\Tag Database\Tag Cross Reference

Number of IO Tags = 48, Total Number of Tags = 110

Tag Name	Tag Type	Tag Description	Component Type	Component Name	Component Description
SalidasDigitales\Bomba	Digital	Activación de la bomba	Display	MainWindow	
SalidasDigitales\FW	Digital	Indicación del sentido de giro como forward	Display	controlmanual	
SalidasDigitales\Marcha	Digital	Puesta en marcha del motor	Display	controlmanual	
SalidasDigitales\PistonBajada	Digital	Descenso del pistón	Display	MainWindow	
			Events	EVE	Event file
SalidasDigitales\Pistonsubida	Digital	Ascenso del pistón	Display	MainWindow	
			Events	EVE	Event file
SalidasDigitales\REV	Digital	Indicación del sentido de giro como reverse	Display	controlmanual	
SalidasDigitales\Seta	Digital	Seta del motor	Display	controlmanual	
SalidasDigitales\Valvula	Digital	Posición de las dos valvulas del sistema.	Display	controlmanual	
			Display	MainWindow	
system\AlarmBanner	String	Alarm banner: Information on most recent alarm	Library	Alarm Information	
system\AlarmMostRecentDate	String	Date of most recent most severe alarm			
system\AlarmMostRecentLabel	String	Label of most recent most severe alarm			
system\AlarmMostRecentSeverity	Analog	Severity of most recent most severe alarm			
system\AlarmMostRecentTagDesc	String	Description of tag for most recent most severe alarm			
system\AlarmMostRecentTagName	String	Name of tag for most recent most severe alarm			
system\AlarmMostRecentTime	String	Time of most recent most severe alarm			
system\AlarmMostRecentUnits	String	Units of tag for most recent most severe alarm			
system\AlarmStatus	String	Alarm status: number of suppressed and unacknowledged Alarms	Library	Alarm Information	
system\AlarmSummary\Items	Analog	Number of Alarms	Library	Alarm Information	
system\AlarmSummary\ItemsUnacked	Analog	Number of unacknowledged Alarms	Library	Alarm Information	
system\AlarmSuppressedCount	Analog	Number of suppressed Alarmable tags			
system\BlinkFast	Digital	Changes every 100 ms	Display	MainWindow	
			Library	Computer - Workstations	Computer
			Library	Pipes 3	
			Library	Pumps	Mouse Graphics Display
system\BlinkSlow	Digital	Changes every 500 ms			
system\ComErrorString1	String	Most recent channel1 error message			
system\ComErrorString2	String	Most recent channel2 error message			
system\ComErrorStringDDE	String	Most recent DDE error message			
system\ComErrorValue1	Analog	Internal number of most recent			

		channel1 error		
system\ComErrorValue2	Analog	Internal number of most recent channel2 error		
system\ComErrorValueDDE	Analog	Internal number of most recent DDE error		
system\ComStatusString1	String	Current status of channel1 communications		
system\ComStatusString2	String	Current status of channel2 communications		
system\ComStatusStringDDE	String	Current status of DDE communications		
system\ComStatusValue1	Analog	Internal number indicating current status of channel1 communications		
system\ComStatusValue2	Analog	Internal number indicating current status of channel2 communications		
system\ComStatusValueDDE	Analog	Internal number indicating current status of DDE communications		
system\Date	String	System date string		
system\DateAndTimeInteger	Analog	System date and time integer		
system\DateAndTimeString	String	System date and time string		
system\DayOfMonth	Analog	Day of Month	Display	Alarma
			Display	controlmanual
			Display	Datos
			Display	Grafica
			Display	MainWindow
			Display	Start
system\DayOfWeek	Analog	Day of Week (Sunday = 1)	Library	Clocks
system\DayOfYear	Analog	Day of Year		
system\Hour	Analog	Hour of day (0 - 23)	Display	Alarma
			Display	controlmanual
			Display	Datos
			Display	Grafica
			Display	MainWindow
			Display	Start
system\MemoryB1Meg	Analog	Available memory below 1 Meg, in KB	Library	Clocks
			Library	Trends
system\MemoryGDI	Analog	Percentage of free GDI resources		
system\MemoryUser	Analog	Percentage of free User resources		
system\MemoryVirtual	Analog	Available virtual memory in KB		
system\Minute	Analog	Minutes (0 - 59)	Display	Alarma
			Display	controlmanual
			Display	Datos
			Display	Grafica
			Display	MainWindow
			Display	Start
system\Month	Analog	Month	Library	Clocks
			Library	Trends

			Display	controlmanual
			Display	Datos
			Display	Grafica
			Display	MainWindow
			Display	Start
			Library	Clocks
system\MonthString	String	Month as string		
system\Second	Analog	Seconds (0 - 59)	Display	Alarma
			Display	controlmanual
			Display	Datos
			Display	Grafica
			Display	MainWindow
			Display	Start
			Library	Clocks
			Library	Gauges
			Library	Machines
			Library	Shapes and borders
			Library	Tanks
			Library	Trends
system\Time	String	System time string	Display	Datos
			Library	Clocks
system\User	String	Currently logged on User	Display	MainWindow
			Display	Start
system\Year	Analog	Year	Display	Alarma
			Display	controlmanual
			Display	Datos
			Display	Grafica
			Display	MainWindow
			Display	Start
			Library	Clocks
trend\CurrentFile	Analog	Current datalog file displayed by trend.	Library	Trends
trend\CurrentPen	Analog	Current trend pen selected.	Library	Trends
trend\NewestFile	Analog	Offset to the newest data log file.	Library	Trends
trend\NewestTime	Analog	Time of newest data available to trend	Library	Trends
trend\OldestFile	Analog	Offset to the oldest data log file.	Library	Trends
trend\OldestTime	Analog	Time of oldest data available to trend.	Library	Trends
trend\Paused	Digital	Pause trend display at current time	Library	Trends
trend\PenMask	Analog	Enable/disable display of trend pens	Library	Trends
trend\StartTime	Analog	Current start time of the trend.	Library	Trends
trend\StartTimeDate	String	Start Date		
trend\TimeRange	Analog	Time range in seconds of trend display	Library	Trends
trend\Updating	Digital	Is datamodel in the process of updating		
trend\YMag	Analog	Magnification of trend Y axis.	Library	Trends
trend\YOffset	Analog	Offset of trend Y axis.	Library	Trends
Variables_de_control\AltDesbordamiento	Analog	Altura a partir de la cual salta la alarma de que va a desbordar		
Variables_de_control\AlTemp	Digital		Display	MainWindow

		Alarma de temepertura	Alarm Subsystem	Alarmed Tag	
Variables_de_control\AlturaLiquido	Analog	Altura de la mezcla actual.	Display	MainWindow	
			Display	manejo	
			Derived Tags	DTE	Derived Tag file
Variables_de_control\AnimacionRotacion	Analog	Variable utilizada para animación			
Variables_de_control\AutoManual	Digital	Variable que nos indica si el sistema esta en automático o manual	Display	controlmanual	
			Display	MainWindow	
Variables_de_control\BajarPiston	Digital	Variable empleada en automatico para bajar el pistón	Display	controlmanual	
Variables_de_control\Bomba	Digital	Variable empleada en automatico para activar la bomba	Display	controlmanual	
			Display	MainWindow	
			Events	EVE	Event file
Variables_de_control\BombaMan	Digital	Variable empleada en manual para activar la bomba	Display	controlmanual	
Variables_de_control\Densidad	Analog	Densidad de la mezcla	Data Log Setup	RSVIEW	
Variables_de_control\desbordamiento	Digital	Desbordamiento del tanque de mezcla	Display	MainWindow	
			Derived Tags	DTE	Derived Tag file
			Alarm Subsystem	Alarmed Tag	
Variables_de_control\desbordamientocontacto	Digital	Se a activado el sensor de desbordamiento	Tag Monitor	Tag	
			Events	EVE	Event file
Variables_de_control\desbordamientoevento	Digital				
Variables_de_control\ErrorViscosidad	Analog	Diferencia en porcentaje entre la vis.actual y la ideal	Display	Datos	
			Display	MainWindow	
Variables_de_control\EsfMotor	Analog	Esfuerzo que esta realizando ahora el motor	Display	Datos	
			Display	MainWindow	
			Display	manejo	
Variables_de_control\Estable	Digital	Variable empleada para saber si la mezcla es estable			
Variables_de_control\FalloTransPresion	Digital	El sensor de nivel de la mezcla funciona de manera erratica	Display	MainWindow	
Variables_de_control\FWMan	Digital	Indicación del sentido de giro del motor en manual como forward	Display	controlmanual	
Variables_de_control\FWMotor	Digital	Indicación del sentido de giro del motor en automatico como forward	Display	MainWindow	
			Events	EVE	Event file
Variables_de_control\Marcha	Digital	Marcha del motor en automático	Display	controlmanual	
			Display	MainWindow	
			Events	EVE	Event file
Variables_de_control\MarchaMan	Digital	Marcha del motor en manual.	Display	controlmanual	
Variables_de_control\MezclaValida	Digital	La mezcla esta dentro del margen de error.	Display	MainWindow	
Variables_de_control\OrquillaVisco	Analog	Margen de error de la viscosidad.	Display	Datos	
Variables_de_control\ParodeProceso	Digital	Paro del proceso una vez pulsado	Display	MainWindow	

vertir.

Events

EVE

Event file

Variables_de_control\ParoEmergencia

Digital

Paro total de la máquina/Puesta en posición inicial.

Display

MainWindow

Events

EVE

Event file

Variables_de_control\Poslaser

Analog

Posición actual del pistón.

Display

controlmanual

Display

Datos

Display

MainWindow

Display

manejo

Variables_de_control\PregUsuario

Digital

Preguntar al usuario si quiere vertir.

Display

MainWindow

Variables_de_control\PTerminado

Digital

Indicación que lamezcla se ha terminado.

Display

MainWindow

Variables_de_control\REVMan

Digital

Indicación del sentido de giro del motor en modo manual como reverse.

Display

controlmanual

Variables_de_control\REVMotor

Digital

Indicación del sentido de giro del motor en modo automático como reverse.

Display

MainWindow

Events

EVE

Event file

Variables_de_control\SetaMan

Digital

Activación de la seta del motor en modo manual.

Display

controlmanual

Variables_de_control\SetaMotor

Digital

Activación de la seta del motor en modo automático.

Display

MainWindow

Events

EVE

Event file

Variables_de_control\SubidaPiston

Digital

Indicación de la subida del pistón.

Display

controlmanual

Variables_de_control\TempAct

Analog

Temperatura actual de la mezcla.

Display

Datos

Display

MainWindow

Display

manejo

Data Log Setup

RSVIEW

Variables_de_control\TemperAlarma

Analog

temperatura a partir de la que se activa la alarma por tmperatura.

Display

Datos

Variables_de_control\TempMezcla

Analog

Tiempo que ha pasado la viscosidad estable para considerar terminada la mezcla.

Display

MainWindow

Variables_de_control\Tiempoestabilizacion

Analog

Tiempo que tiene que pasar la viscosidad estable para considerar terminada la mezcla.

Display

Datos

Variables_de_control\TiempoPorCiclo

Analog

Tiempo que el cowless permanece en la posición de máximo esfuerzo.

Display

Datos

Variables_de_control\Valvula

Digital

Indicación de la posición de la valvula.

Display

controlmanual

Display

MainWindow

Events

EVE

Event file

Variables_de_control\ValvulaMan

Digital

Posicionamiento de las valvulas.

Display

controlmanual

Variables_de_control\Velocidad

Analog

Velocidad que tiene actualmente el motor.

Display

controlmanual

Display

Datos

Display

MainWindow

Display

manejo

Events

EVE

Event file

Variables_de_control\Vertir

Digital

Display

MainWindow

variables_de_control\ver	Digital	Se desea verter la mezcla.	Display	Main Window	
			Events	EVE	Event file
Variables_de_control\ViscosidadActual	Analog	Viscosidad actual.	Display	Datos	
			Display	MainWindow	
			Display	manejo	
			Data Log Setup	RSVIEW	
Variables_de_control\VisibilidadError	Digital	Bit empleado por razones esteticas en el SCADA.	Display	MainWindow	
Variables_de_control\VisIdeal	Analog	Viscosidad ideal.	Display	Datos	

1.4.2 System\Tag Database\Tag List

Total Number of Tags = 110 : 50 Analog Tags, 40 Digital Tags, 20 String Tags

Tag Name	Tag Type	Description	Alarmed: No	Security: *	Device Tag	Node Name: Maqueta	Address: O:0/1	Scan Class: A
SalidasDigitales\Bomba	Digital	Activación de la bomba	Off Label: Off	On Label: On				
SalidasDigitales\FW	Digital	Indicación del sentido de giro como forward	Alarmed: No	Security: *	Device Tag	Node Name: Maqueta	Address: O:0/9	Scan Class: A
			Off Label: Off	On Label: On				
SalidasDigitales\Marcha	Digital	Puesta en marcha del motor	Alarmed: No	Security: *	Device Tag	Node Name: Maqueta	Address: O:0/11	Scan Class: A
			Off Label: Off	On Label: On				
SalidasDigitales\PistonBajada	Digital	Descenso del pistón	Alarmed: No	Security: *	Device Tag	Node Name: Maqueta	Address: O:0/4	Scan Class: A
			Off Label: Off	On Label: On				
SalidasDigitales\Pistonsubida	Digital	Ascenso del pistón	Alarmed: No	Security: *	Device Tag	Node Name: Maqueta	Address: O:0/3	Scan Class: A
			Off Label: Off	On Label: On				
SalidasDigitales\REV	Digital	Indicación del sentido de giro como reverse	Alarmed: No	Security: *	Device Tag	Node Name: Maqueta	Address: O:0/10	Scan Class: A
			Off Label: Off	On Label: On				
SalidasDigitales\Seta	Digital	Seta del motor	Alarmed: No	Security: *	Device Tag	Node Name: Maqueta	Address: O:0/8	Scan Class: A
			Off Label: Off	On Label: On				
SalidasDigitales\Valvula	Digital	Posición de las dos valvulas del sistema.	Alarmed: No	Security: *	Device Tag	Node Name: Maqueta	Address: O:0/2	Scan Class: A
			Off Label: Off	On Label: On				
system\AlarmBanner	String	Alarm banner: Information on most recent alarm	Alarmed: No	Security: *	Memory Tag	Initial Value:		
			Length : 82					
system\AlarmMostRecentDate	String	Date of most recent most severe alarm	Alarmed: No	Security: *	Memory Tag	Initial Value:		
			Length : 32					
system\AlarmMostRecentLabel	String	Label of most recent most severe alarm	Alarmed: No	Security: *	Memory Tag	Initial Value:		
			Length : 82					
system\AlarmMostRecentSeverity	Analog	Severity of most recent most severe alarm	Alarmed: No	Security: *	Memory Tag	Initial Value: 0		
			Minimum : 0	Maximum : 8	Scale : 1	Offset : 0	Units:	Data Type: Long Integer
system\AlarmMostRecentTagDesc	String	Description of tag for most recent most severe alarm	Alarmed: No	Security: *	Memory Tag	Initial Value:		
			Length : 82					
system\AlarmMostRecentTagname	String	Name of tag for most recent most severe alarm	Alarmed: No	Security: *	Memory Tag	Initial Value:		
			Length : 82					
system\AlarmMostRecentTime	String	Time of most recent most severe alarm	Alarmed: No	Security: *	Memory Tag	Initial Value:		
			Length : 32					
system\AlarmMostRecentUnits	String	Units of tag for most recent	Alarmed: No	Security: *	Memory Tag	Initial Value:		

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system\ComStatusValue2	Analog	Internal number indicating current status of channel2 communications	Minimum : 0	Maximum : 65535	Scale : 1	Offset : 0	Units:	Data Type: Long Integer
			Alarmed: No	Security: *	Memory Tag	Initial Value: 0		
system\ComStatusValueDDE	Analog	Internal number indicating current status of DDE communications	Minimum : 0	Maximum : 65535	Scale : 1	Offset : 0	Units:	Data Type: Long Integer
			Alarmed: No	Security: *	Memory Tag	Initial Value: 0		
system\Date	String	System date string	Minimum : 0	Maximum : 65535	Scale : 1	Offset : 0	Units:	Data Type: Long Integer
			Alarmed: No	Security: *	Memory Tag	Initial Value:		
system\DateAndTimeInteger	Analog	System date and time integer	Length : 48					
			Alarmed: No	Security: *	Memory Tag	Initial Value: 0		
system\DateAndTimeString	String	System date and time string	Minimum : 0	Maximum : 2147395600	Scale : 1	Offset : 0	Units:	Data Type: Long Integer
			Alarmed: No	Security: *	Memory Tag	Initial Value:		
system\DayOfMonth	Analog	Day of Month	Length : 48					
			Alarmed: No	Security: *	Memory Tag	Initial Value: 1		
system\DayOfWeek	Analog	Day of Week (Sunday = 1)	Minimum : 1	Maximum : 31	Scale : 1	Offset : 0	Units:	Data Type: Unsigned Integer
			Alarmed: No	Security: *	Memory Tag	Initial Value: 1		
system\DayOfYear	Analog	Day of Year	Minimum : 1	Maximum : 7	Scale : 1	Offset : 0	Units:	Data Type: Unsigned Integer
			Alarmed: No	Security: *	Memory Tag	Initial Value: 1		
system\Hour	Analog	Hour of day (0 - 23)	Minimum : 1	Maximum : 366	Scale : 1	Offset : 0	Units:	Data Type: Unsigned Integer
			Alarmed: No	Security: *	Memory Tag	Initial Value: 0		
system\MemoryB1Meg	Analog	Available memory below 1 Meg, in KB	Minimum : 0	Maximum : 23	Scale : 1	Offset : 0	Units:	Data Type: Unsigned Integer
			Alarmed: No	Security: *	Memory Tag	Initial Value: 0		
system\MemoryGDI	Analog	Percentage of free GDI resources	Minimum : 0	Maximum : 2147395600	Scale : 1	Offset : 0	Units:	Data Type: Long Integer
			Alarmed: No	Security: *	Memory Tag	Initial Value: 0		
system\MemoryUser	Analog	Percentage of free User resources	Minimum : 0	Maximum : 100	Scale : 1	Offset : 0	Units:	Data Type: Unsigned Integer
			Alarmed: No	Security: *	Memory Tag	Initial Value: 0		
system\MemoryVirtual	Analog	Available virtual memory in KB	Minimum : 0	Maximum : 100	Scale : 1	Offset : 0	Units:	Data Type: Unsigned Integer
			Alarmed: No	Security: *	Memory Tag	Initial Value: 0		
system\Minute	Analog	Minutes (0 - 59)	Minimum : 0	Maximum : 2147395600	Scale : 1	Offset : 0	Units:	Data Type: Long Integer
			Alarmed: No	Security: *	Memory Tag	Initial Value: 0		
system\Month	Analog	Month	Minimum : 0	Maximum : 59	Scale : 1	Offset : 0	Units:	Data Type: Unsigned Integer
			Alarmed: No	Security: *	Memory Tag	Initial Value: 1		
			Minimum : 1	Maximum :	Scale : 1	Offset : 0	Units:	

Data Type:
Unsigned
Integer

system\MonthString	String	Month as string	Alarmed: No	Security: *	Memory Tag	Initial Value:			
			Length : 48						
system\Second	Analog	Seconds (0 - 59)	Alarmed: No	Security: *	Memory Tag	Initial Value: 0			
			Minimum : 0	Maximum : 59	Scale : 1	Offset : 0	Units:		Data Type: Unsigned Integer
system\Time	String	System time string	Alarmed: No	Security: *	Memory Tag	Initial Value:			
			Length : 48						
system\User	String	Currently logged on User	Alarmed: No	Security: *	Memory Tag	Initial Value:			
			Length : 82						
system\Year	Analog	Year	Alarmed: No	Security: *	Memory Tag	Initial Value: 0			
			Minimum : 0	Maximum : 32000	Scale : 1	Offset : 0	Units:		Data Type: Unsigned Integer
trend\CurrentFile	Analog	Current datalog file displayed by trend.	Alarmed: No	Security: *	Memory Tag	Initial Value: 0			
			Minimum : -10000	Maximum : 10000	Scale : 1	Offset : 0	Units:		Data Type: Integer
trend\CurrentPen	Analog	Current trend pen selected.	Alarmed: No	Security: *	Memory Tag	Initial Value: 0			
			Minimum : 0	Maximum : 16	Scale : 1	Offset : 0	Units:		Data Type: Integer
trend\NewestFile	Analog	Offset to the newest data log file.	Alarmed: No	Security: *	Memory Tag	Initial Value: 0			
			Minimum : -10000	Maximum : 10000	Scale : 1	Offset : 0	Units:		Data Type: Integer
trend\NewestTime	Analog	Time of newest data available to trend	Alarmed: No	Security: *	Memory Tag	Initial Value: 0			
			Minimum : -2147483647	Maximum : 2147483647	Scale : 1	Offset : 0	Units:		Data Type: Long Integer
trend\OldestFile	Analog	Offset to the oldest data log file.	Alarmed: No	Security: *	Memory Tag	Initial Value: 0			
			Minimum : -10000	Maximum : 10000	Scale : 1	Offset : 0	Units:		Data Type: Integer
trend\OldestTime	Analog	Time of oldest data available to trend.	Alarmed: No	Security: *	Memory Tag	Initial Value: 0			
			Minimum : -2147483647	Maximum : 2147483647	Scale : 1	Offset : 0	Units:		Data Type: Long Integer
trend\Paused	Digital	Pause trend display at current time	Alarmed: No	Security: *	Memory Tag	Initial Value: Resumed			
			Off Label: Resumed	On Label: Paused					
trend\PenMask	Analog	Enable/disable display of trend pens	Alarmed: No	Security: *	Memory Tag	Initial Value: 0			
			Minimum : -2147483647	Maximum : 2147483647	Scale : 1	Offset : 0	Units:		Data Type: Long Integer
trend\StartTime	Analog	Current start time of the trend.	Alarmed: No	Security: *	Memory Tag	Initial Value: 0			
			Minimum : -2147483647	Maximum : 2147483647	Scale : 1	Offset : 0	Units:		Data Type: Long Integer
trend\StartTimeDate	String	Start Date	Alarmed: No	Security: *	Memory Tag	Initial Value:			
			Length : 255						
trend\TimeRange	Analog	Time range in seconds of trend display	Alarmed: No	Security: *	Memory Tag	Initial Value: 60			
			Minimum : 1	Maximum : 2147483647	Scale : 1	Offset : 0	Units:		Data Type: Long Integer
trend\Updating	Digital	Is datamodel in the process of updating	Alarmed: No	Security: *	Memory Tag	Initial Value:			

						Finished Updating		
			Off Label: Finished Updating	On Label: Updating				
trend\YMag	Analog	Magnification of trend Y axis.	Alarmed: No	Security: *	Memory Tag	Initial Value: 0	Units:	Data Type: Floating Point
			Minimum : -10000	Maximum : 10000	Scale : 1	Offset : 0		
trend\YOffset	Analog	Offset of trend Y axis.	Alarmed: No	Security: *	Memory Tag	Initial Value: 0	Units:	Data Type: Floating Point
			Minimum : -10000	Maximum : 10000	Scale : 1	Offset : 0		
Variables_de_control\AltDesbordamiento	Analog	Altura a partir de la cual salta la alarma de que va a desbordar	Alarmed: No	Security: *	Device Tag	Node Name: Maqueta	Address: N7:15	Scan Class: A
			Minimum : 0	Maximum : 2000	Scale : 1	Offset : 0	Units:	Data Type: (Default)
Variables_de_control\AITemp	Digital	Alarma de temeperatura	Alarmed: Yes	Security: *	Device Tag	Node Name: Maqueta	Address: B3:1/0	Scan Class: A
			Off Label: Off	On Label: On				
Variables_de_control\AlturaLiquido	Analog	Altura de la mezcla actual.	Alarmed: No	Security: *	Device Tag	Node Name: Maqueta	Address: N7:16	Scan Class: A
			Minimum : 0	Maximum : 2000	Scale : 1	Offset : 0	Units:	Data Type: (Default)
Variables_de_control\AnimacionRotacion	Analog	Variable utilizada para animación	Alarmed: No	Security: *	Memory Tag	Initial Value: 0	Units:	Data Type: (Default)
			Minimum : 0	Maximum : 100	Scale : 1	Offset : 0		
Variables_de_control\AutoManual	Digital	Variable que nos indica si el sistema esta en automático o manual	Alarmed: No	Security: *	Device Tag	Node Name: Maqueta	Address: B3:1/5	Scan Class: A
			Off Label: Off	On Label: On				
Variables_de_control\BajarPiston	Digital	Variable empleada en automatico para bajar el pistón	Alarmed: No	Security: *	Device Tag	Node Name: Maqueta	Address: O:0/4	Scan Class: A
			Off Label: Off	On Label: On				
Variables_de_control\Bomba	Digital	Variable empleada en automatico para activar la bomba	Alarmed: No	Security: *	Device Tag	Node Name: Maqueta	Address: O:0/1	Scan Class: A
			Off Label: Off	On Label: On				
Variables_de_control\BombaMan	Digital	Variable empleada en manual para activar la bomba	Alarmed: No	Security: *	Device Tag	Node Name: Maqueta	Address: B3:1/6	Scan Class: A
			Off Label: Off	On Label: On				
Variables_de_control\Densidad	Analog	Densidad de la mezcla	Alarmed: No	Security: *	Device Tag	Node Name: Maqueta	Address: N7:21	Scan Class: A
			Minimum : 0	Maximum : 2000	Scale : 1	Offset : 0	Units:	Data Type: (Default)
Variables_de_control\desbordamiento	Digital	Desbordamiento del tanque de mezcla	Alarmed: Yes	Security: *	Memory Tag	Initial Value: Off		
			Off Label: Off	On Label: On				
Variables_de_control\desbordamientocontacto	Digital	Se a activado el sensor de desbordamiento	Alarmed: No	Security: *	Device Tag	Node Name: Maqueta	Address: I:0/0	Scan Class: A
			Off Label: Off	On Label: On				
Variables_de_control\desbordamientoevento	Digital		Alarmed: No	Security: *	Memory Tag	Initial Value: Off		
			Off Label: Off	On Label: On				
Variables_de_control\ErrorViscosidad	Analog	Diferencia en porcentaje entre la vis.actual y la ideal	Alarmed: No	Security: *	Device Tag	Node Name: Maqueta	Address: N7:21	Scan Class: A
			Minimum : 0	Maximum : 600	Scale : 1	Offset : 0	Units:	Data Type: (Default)
Variables_de_control\EsfMotor	Analog	Esfuerzo que esta realizando	Alarmed: No	Security: *	Device Tag	Node Name:	Address: N7:11	Scan Class: A

		ahora el motor	Minimum : 0	Maximum : 2000	Scale : 1	Maqueta	Offset : 0	Units:	Data Type: (Default)
Variables_de_control\Estable	Digital	Variable empleada para saber si la mezcla es estable	Alarmed: No	Security: *	Device Tag	Node Name: Maqueta	Address: B3:0/12	Scan Class: A	
			Off Label: Off	On Label: On					
Variables_de_control\FalloTransPresion	Digital	El sensor de nivel de la mezcla funciona de manera erratica	Alarmed: No	Security: *	Device Tag	Node Name: Maqueta	Address: B3:2/1	Scan Class: A	
			Off Label: Off	On Label: On					
Variables_de_control\FWMan	Digital	Indicación del sentido de giro del motor en manual como forward	Alarmed: No	Security: *	Device Tag	Node Name: Maqueta	Address: B3:1/9	Scan Class: A	
			Off Label: Off	On Label: On					
Variables_de_control\FWMotor	Digital	Indicación del sentido de giro del motor en automatico como forward	Alarmed: No	Security: *	Device Tag	Node Name: Maqueta	Address: B3:0/9	Scan Class: A	
			Off Label: Off	On Label: On					
Variables_de_control\Marcha	Digital	Marcha del motor en automático	Alarmed: No	Security: *	Device Tag	Node Name: Maqueta	Address: B3:0/11	Scan Class: A	
			Off Label: Off	On Label: On					
Variables_de_control\MarchaMan	Digital	Marcha del motor en manual.	Alarmed: No	Security: *	Device Tag	Node Name: Maqueta	Address: B3:1/4	Scan Class: A	
			Off Label: Off	On Label: On					
Variables_de_control\MezclaValida	Digital	La mezcla esta dentro del margen de error.	Alarmed: No	Security: *	Device Tag	Node Name: Maqueta	Address: B3:0/14	Scan Class: A	
			Off Label: Off	On Label: On					
Variables_de_control\OrquillaVisco	Analog	Margen de error de la viscosidad.	Alarmed: No	Security: *	Device Tag	Node Name: Maqueta	Address: N7:4	Scan Class: A	
			Minimum : 0	Maximum : 100	Scale : 1	Offset : 0	Units:	Data Type: (Default)	
Variables_de_control\ParodeProceso	Digital	Paro del proceso una vez pulsado vertir.	Alarmed: No	Security: *	Device Tag	Node Name: Maqueta	Address: B3:1/15	Scan Class: A	
			Off Label: Off	On Label: On					
Variables_de_control\ParoEmergencia	Digital	Paro total de la máquina/Puesta en posición inicial.	Alarmed: No	Security: *	Device Tag	Node Name: Maqueta	Address: B3:2/0	Scan Class: A	
			Off Label: Off	On Label: On					
Variables_de_control\Poslaser	Analog	Posición actual del pistón.	Alarmed: No	Security: *	Device Tag	Node Name: Maqueta	Address: N7:12	Scan Class: A	
			Minimum : 0	Maximum : 2500	Scale : 1	Offset : 0	Units:	Data Type: (Default)	
Variables_de_control\PregUsuario	Digital	Preguntar al usuario si quiere vertir.	Alarmed: No	Security: *	Device Tag	Node Name: Maqueta	Address: B3:0/15	Scan Class: A	
			Off Label: Off	On Label: On					
Variables_de_control\PTerminado	Digital	Indicación que la mezcla se ha terminado.	Alarmed: No	Security: *	Device Tag	Node Name: Maqueta	Address: B3:0/13	Scan Class: A	
			Off Label: Off	On Label: On					
Variables_de_control\REVMan	Digital	Indicación del sentido de giro del motor en modo manual como reverse.	Alarmed: No	Security: *	Device Tag	Node Name: Maqueta	Address: B3:1/10	Scan Class: A	
			Off Label: Off	On Label: On					
Variables_de_control\REVMotor	Digital	Indicación del sentido de giro del motor en modo automático como reverse.	Alarmed: No	Security: *	Device Tag	Node Name: Maqueta	Address: B3:0/10	Scan Class: A	

				Off Label: Off	On Label: On			
Variables_de_control\SetaMan	Digital	Activación de la seta del motor en modo manual.	Alarmed: No	Security: *	Device Tag	Node Name: Maqueta	Address: B3:1/8	Scan Class: A
				Off Label: Off	On Label: On			
Variables_de_control\SetaMotor	Digital	Activación de la seta del motor en modo automático.	Alarmed: No	Security: *	Device Tag	Node Name: Maqueta	Address: B3:0/8	Scan Class: A
				Off Label: Off	On Label: On			
Variables_de_control\SubidaPiston	Digital	Indicación de la subida del pistón.	Alarmed: No	Security: *	Device Tag	Node Name: Maqueta	Address: O:0/3	Scan Class: A
				Off Label: Off	On Label: On			
Variables_de_control\TempAct	Analog	Temperatura actual de la mezcla.	Alarmed: No	Security: *	Device Tag	Node Name: Maqueta	Address: N7:0	Scan Class: A
				Minimum : 0	Maximum : 100	Scale : 1	Offset : 0	Units: Data Type: (Default)
Variables_de_control\TemperAlarma	Analog	temperatura a partir de la que se activa la alarma por temperatura.	Alarmed: No	Security: *	Device Tag	Node Name: Maqueta	Address: N7:1	Scan Class: A
				Minimum : 0	Maximum : 100	Scale : 1	Offset : 0	Units: Data Type: (Default)
Variables_de_control\TempMezcla	Analog	Tiempo que ha pasado la viscosidad estable para considerar terminada la mezcla.	Alarmed: No	Security: *	Device Tag	Node Name: Maqueta	Address: T4:0.ACC	Scan Class: A
				Minimum : 0	Maximum : 100	Scale : 1	Offset : 0	Units: Data Type: (Default)
Variables_de_control\Tiempoestabilizacion	Analog	Tiempo que tiene que pasar la viscosidad estable para considerar terminada la mezcla.	Alarmed: No	Security: *	Device Tag	Node Name: Maqueta	Address: T4:0.PRE	Scan Class: A
				Minimum : 0	Maximum : 60000	Scale : 1	Offset : 0	Units: sec Data Type: (Default)
Variables_de_control\TiempoPorCiclo	Analog	Tiempo que el cowless permanece en la posición de máximo esfuerzo.	Alarmed: No	Security: *	Device Tag	Node Name: Maqueta	Address: T4:3.PRE	Scan Class: A
				Minimum : 0	Maximum : 80000	Scale : 1	Offset : 0	Units: Data Type: (Default)
Variables_de_control\Valvula	Digital	Indicación de la posición de la valvula.	Alarmed: No	Security: *	Device Tag	Node Name: Maqueta	Address: O:0/2	Scan Class: A
				Off Label: Off	On Label: On			
Variables_de_control\ValvulaMan	Digital	Posicionamiento de las valvulas.	Alarmed: No	Security: *	Device Tag	Node Name: Maqueta	Address: B3:1/7	Scan Class: A
				Off Label: Off	On Label: On			
Variables_de_control\Velocidad	Analog	Velocidad que tiene actualmente el motor.	Alarmed: No	Security: *	Device Tag	Node Name: Maqueta	Address: N7:2	Scan Class: A
				Minimum : 0	Maximum : 100	Scale : 1	Offset : 0	Units: Data Type: (Default)
Variables_de_control\Verter	Digital	Se desea verter la mezcla.	Alarmed: No	Security: *	Device Tag	Node Name: Maqueta	Address: B3:1/1	Scan Class: A
				Off Label: Off	On Label: On			
Variables_de_control\ViscosidadActual	Analog	Viscosidad actual.	Alarmed: No	Security: *	Device Tag	Node Name: Maqueta	Address: N7:3	Scan Class: A
				Minimum : 0	Maximum : 2000	Scale : 1	Offset : 0	Units: Data Type: (Default)
Variables_de_control\VisibilidadError	Digital	Bit empleado por razones esteticas en el SCADA.	Alarmed: No	Security: *	Memory Tag	Initial Value: Off		
				Off Label: Off	On Label: On			
Variables_de_control\Visibilidad	Analog	Viscosidad ideal.	Alarmed: No	Security: *	Device Tag	Node Name: Maqueta	Address: N7:4	Scan Class: A

5/5/2019	System_Tag Database_Tag List.html							
variables_de_control\visideal	Analog	viscosidad ideal	Alarmed: NO	Security: "	Device Tag	Node Name: Maqueta	Address: N7:10	Scan Class: A
			Minimum : 0	Maximum : 30000	Scale : 1	Offset : 0	Units:	Data Type: (Default)

1.4.3 System\Tag Database\Alarmed Tag List

Number of Alarmed Tags = 2 : 0 Analog Tags, 2 Digital Tags

Tag Name	Tag Type	Description					
Variables_de_control\AlTemp	Digital	Alarma de temepertura	Alarm Type: On	Out of Alarm Label:	Alarm Identification:	Alarm Acknowledge:	Alarm Handshake:
			Severity: 8	Alarm Label: AlarmaTemperatura		In Alarm Messages: System Defaults	
			Out of Alarm Messages: System Defaults			Alarm Acknowledge Messages: System Defaults	
Variables_de_control\desbordamiento	Digital	Desbordamiento del tanque de mezcla	Alarm Type: On	Out of Alarm Label:	Alarm Identification:	Alarm Acknowledge:	Alarm Handshake:
			Severity: 1	Alarm Label:		In Alarm Messages: System Defaults	
			Out of Alarm Messages: System Defaults			Alarm Acknowledge Messages: System Defaults	

1.4.4 System\Tag Database\Unused Tag List

Number of Unused Tags = 37

Tag Name	Tag Type	Tag Description	Security	Data Source	Node Name	Address	Scan Class
system\AlarmMostRecentDate	String	Date of most recent most severe alarm	*	Memory Tag			
system\AlarmMostRecentLabel	String	Label of most recent most severe alarm	*	Memory Tag			
system\AlarmMostRecentSeverity	Analog	Severity of most recent most severe alarm	*	Memory Tag			
system\AlarmMostRecentTagDesc	String	Description of tag for most recent most severe alarm	*	Memory Tag			
system\AlarmMostRecentTagname	String	Name of tag for most recent most severe alarm	*	Memory Tag			
system\AlarmMostRecentTime	String	Time of most recent most severe alarm	*	Memory Tag			
system\AlarmMostRecentUnits	String	Units of tag for most recent most severe alarm	*	Memory Tag			
system\AlarmSuppressedCount	Analog	Number of suppressed Alarmable tags	*	Memory Tag			
system\BlinkSlow	Digital	Changes every 500 ms	*	Memory Tag			
system\ComErrorString1	String	Most recent channel1 error message	*	Memory Tag			
system\ComErrorString2	String	Most recent channel2 error message	*	Memory Tag			
system\ComErrorStringDDE	String	Most recent DDE error message	*	Memory Tag			
system\ComErrorValue1	Analog	Internal number of most recent channel1 error	*	Memory Tag			
system\ComErrorValue2	Analog	Internal number of most recent channel2 error	*	Memory Tag			
system\ComErrorValueDDE	Analog	Internal number of most recent DDE error	*	Memory Tag			
system\ComStatusString1	String	Current status of channel1 communications	*	Memory Tag			
system\ComStatusString2	String	Current status of channel2 communications	*	Memory Tag			
system\ComStatusStringDDE	String	Current status of DDE communications	*	Memory Tag			
system\ComStatusValue1	Analog	Internal number indicating current status of channel1 communications	*	Memory Tag			
system\ComStatusValue2	Analog	Internal number indicating current status of channel2 communications	*	Memory Tag			
system\ComStatusValueDDE	Analog	Internal number indicating current status of DDE communications	*	Memory Tag			
system\Date	String	System date string	*	Memory Tag			
system\DateAndTimeInteger	Analog	System date and time integer	*	Memory Tag			
system\DateAndTimeString	String	System date and time string	*	Memory Tag			
system\DayOfWeek	Analog	Day of Week (Sunday = 1)	*	Memory Tag			
system\DayOfYear	Analog	Day of Year	*	Memory Tag			

system\MemoryB1Meg	Analog	Available memory below 1 Meg, in KB	*	Memory Tag				
system\MemoryGDI	Analog	Percentage of free GDI resources	*	Memory Tag				
system\MemoryUser	Analog	Percentage of free User resources	*	Memory Tag				
system\MemoryVirtual	Analog	Available virtual memory in KB	*	Memory Tag				
system\MonthString	String	Month as string	*	Memory Tag				
trend\StartTimeDate	String	Start Date	*	Memory Tag				
trend\Updating	Digital	Is datamodel in the process of updating	*	Memory Tag				
Variables_de_control\AltDesbordamiento	Analog	Altura a partir de la cual salta la alarma de que va a desbordar	*	Device Tag	Maqueta	N7:15	A	
Variables_de_control\AnimacionRotacion	Analog	Variable utilizada para animación	*	Memory Tag				
Variables_de_control\desbordamientoevento	Digital		*	Memory Tag				
Variables_de_control\Estable	Digital	Variable empleada para saber si la mezcla es estable	*	Device Tag	Maqueta	B3:0/12	A	

1.5.1 System\Tag Monitor\Tag

Tag Name	Tag Type	Tag Description
Variables_de_control\desbordamientocontacto	Digital	Se a activado el sensor de desbordamiento

1.6 System\User Accounts

1.6.1 Setup

Option	Selection
Use NT User Accounts as Source For RSView32 User Accounts	No

1.6.2 Account Information

	Account	Login Command	Logout Command	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	DEFAULT			N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
2	ADMINISTRADOR			Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
3	OPERARIO			Y	Y	Y	Y	Y	N	N	N	N	N	N	N	N	N	N	N

1.7 System\Security Codes

1.7.1 Setup

Option	Selection
Strict Security On	Yes

1.7.2 Information

	Command	Security Code	Description
1	DEFAULT	*	Default undefined-object security code.
2	DISPLAY	E	
3	LOGIN	*	
4	LOGOUT	*	
5	SET	A	
6	TOGGLE	A	

1.8 System\Activity Log Setup

1.8.1 Setup

Option	Selection
Primary Path	C:\PRACTICAS\MOTORLEDS\DISPERMIX\ACTLOG
Printer Port	HP LaserJet 400 M401 PCL 6 on IP_10.67.7.144
Use RSView32 6.0 Log File Format	No
Use long file names (if supported)	Yes

1.8.2 File Management

Start New Files	When to Start New Files	Delete Oldest Files	Number	Units
Periodic rate	Daily (Changed at Midnight)	No		

1.8.3 Categories

Label	Errors Logged To	Warnings Logged To	Information Logged To
Commands	Log File+Activity Bar	Log File+Activity Bar	Log File
Applications	Log File+Activity Bar	Log File+Activity Bar	Log File
Remarks	Log File+Activity Bar	Log File+Activity Bar	Log File
Communications	Log File+Activity Bar	Log File+Activity Bar	Log File
Tag Write			
Tag Read	Log File+Activity Bar	Log File+Activity Bar	Log File
Custom1	Log File+Activity Bar	Log File+Activity Bar	Log File
Custom2	Log File+Activity Bar	Log File+Activity Bar	Log File
Custom3	Log File+Activity Bar	Log File+Activity Bar	Log File
Custom4	Log File+Activity Bar	Log File+Activity Bar	Log File

1.9 System\Startup

Section	Preference	Value	Selection
Preference Switches	Title Bar	On	
	Menu	Off	
	Activity Bar	On	
	Minimize Button	On	
	Maximize Button	On	
	Control Box	On	
	Project Manager	On	
Disable Switches	Disable Ctrl-Alt-P (Project Manager)	Off	
	Disable Ctrl-Alt-Del, Alt-Tab (Windows 9x Only)	Off	
	Disable Switch to Other Apps (Windows 9x and Windows NT 4.0)	Off	
Startup	Alarming	On	
	Communication Status	On	
	OPC/DDE Server	Off	
	Data Logging	On	RSVIEW
	Global Key File	Off	
	Derived Tags	On	DTE
	Event Detector	On	EVE
	Startup Macro	On	Macro
	Shutdown Macro	On	Out
	Initial Graphic	On	Start

2.1 Graphics\ActiveX Control Setup

	File Name	Original File Path	Latest File Version	Description	Copyright	Product Name	Company Name
1	RSTXView.ocx	C:\Archivos de programa\Rockwell Software\RSCommon\RSTXView.ocx	3.46.0.1	TrendX ActiveX Control Module	Copyright © 2011 Rockwell Automation Technologies, Inc. All Rights Reserved.	TrendX ActiveX Control Module	Rockwell Automation, Inc.

2.1 Graphics\ActiveX Control Setup

	File Name	Original File Path	Latest File Version	Description	Copyright	Product Name	Company Name
1	RSTXView.ocx	C:\Archivos de programa\Rockwell Software\RSCommon\RSTXView.ocx	3.46.0.1	TrendX ActiveX Control Module	Copyright © 2011 Rockwell Automation Technologies, Inc. All Rights Reserved.	TrendX ActiveX Control Module	Rockwell Automation, Inc.

2.2.1 Graphics\Display\AlarmaTemp



2.2.1.1 Display Settings

Section	Option	Selection
Properties	Display Type	On Top
	Allow Multiple Running Copies	No
	Cache after Displaying	No
	Title Bar	Yes
	System Menu	Yes
	Minimize Button	Yes
	Maximize Button	No
	Size to Main Window at Runtime	No
	Show last Acquired Value	Yes
	Use Current Size	No (Size in Pixels: 300 x 400)
	Allow Display to be Resized	Yes: When Resized - Scale
	Use Current Position	Yes
	Security Code	*
	Background Color	0xFFFFFFFF
	Startup Command	
	Shutdown Command	
Behavior	Input Field Not Selected Text Color	0x0
	Input Field Not Selected Fill Color	0xFFFFFFFF
	Input Field Selected Text Color	0x0
	Input Field Selected Fill Color	0xFFFFFFFF
	Beep on Press of Interactive Object	No
	Highlight when Cursor Passes Over Interactive Objects	Yes Highlight Color: 0x0
	Highlight Color of Objects with Input Focus	0xFF00
	Display On-screen Keyboard	No

2.2.1.2 Animated Display Objects

Object Name	Grouping	X	Y	Property	Expression
Rectangle		-2	-3	Rectangle: Color Control	1
Button1		40	307	Button: "CERRAR": Touch Control: Press Action	Abort AlarmaTemp

2.2.2 Graphics\Display\AlarmaTransPresion



2.2.2.1 Display Settings

Section	Option	Selection
Properties	Display Type	On Top
	Allow Multiple Running Copies	No
	Cache after Displaying	No
	Title Bar	Yes
	System Menu	Yes
	Minimize Button	Yes
	Maximize Button	No
	Size to Main Window at Runtime	No
	Show last Acquired Value	Yes
	Use Current Size	No (Size in Pixels: 300 x 400)
	Allow Display to be Resized	Yes: When Resized - Scale
	Use Current Position	Yes
	Security Code	*
	Background Color	0xFFFFFF
	Startup Command	
	Shutdown Command	
Behavior	Input Field Not Selected Text Color	0x0
	Input Field Not Selected Fill Color	0xFFFFFF
	Input Field Selected Text Color	0x0
	Input Field Selected Fill Color	0xFFFFFF
	Beep on Press of Interactive Object	No
	Highlight when Cursor Passes Over Interactive Objects	Yes Highlight Color: 0x0
	Highlight Color of Objects with Input Focus	0xFF00
	Display On-screen Keyboard	No

2.2.2.2 Animated Display Objects


Object Name	Grouping	X	Y	Property	Expression
Rectangle		-2	-3	Rectangle: Color Control	1
Button1		40	307	Button: "CERRAR": Touch Control: Press Action	Abort;Abort

2.2.3 Graphics\Display\Alarma

/##/####

Gestor de Alarmas

##



Alarm Summary

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Home

2.2.3.1 Display Settings

Section	Option	Selection
Properties	Display Type	Replace
	Allow Multiple Running Copies	No
	Cache after Displaying	No
	Title Bar	Yes
	System Menu	Yes
	Minimize Button	Yes
	Maximize Button	No
	Size to Main Window at Runtime	No
	Show last Acquired Value	Yes
	Use Current Size	No (Size in Pixels: 840 x 525)
	Allow Display to be Resized	Yes: When Resized - Scale
	Use Current Position	Yes
	Security Code	*
	Background Color	0xE0E0E0
	Startup Command	
	Shutdown Command	
Behavior	Input Field Not Selected Text Color	0x0
	Input Field Not Selected Fill Color	0xFFFFF
	Input Field Selected Text Color	0x0
	Input Field Selected Fill Color	0xFFFFF
	Beep on Press of Interactive Object	No
	Highlight when Cursor Passes Over Interactive Objects	Yes Highlight Color: 0x0
	Highlight Color of Objects with Input Focus	0xFF00
	Display On-screen Keyboard	No

2.2.3.2 Animated Display Objects

Object Name	Grouping	X	Y	Property	Expression
Button4		14	466	Button: "Home": Touch Control: Press Action	Display MainWindow

5/5/2019		Graphics_Display_Alarma.html			
Group4	++Group4	0	-2		
Group8	++Group8	624	10		
NumericDisplay1		624	10	Numeric Display	system\Hour
NumericDisplay15		653	10	Numeric Display	system\Minute
NumericDisplay17		682	10	Numeric Display	system\Second
Group8	+-Group8				
Group3	++Group3	0	10		
NumericDisplay18		14	10	Numeric Display	system\DayOfMonth
NumericDisplay19		43	10	Numeric Display	system\Month
NumericDisplay20		68	10	Numeric Display	system\Year
Group3	+-Group3				
Group4	+--Group4				

2.2.3.3 Database Tags Used by the Component

Tag Name	Tag Type	Tag Description
system\DayOfMonth	Analog	Day of Month
system\Hour	Analog	Hour of day (0 - 23)
system\Minute	Analog	Minutes (0 - 59)
system\Month	Analog	Month
system\Second	Analog	Seconds (0 - 59)
system\Year	Analog	Year

2.2.4 Graphics\Display\Datos

/## /####

Datos del Proceso

##

Altura Máxima:	#####	
Altura Mínima:	#####	
Distancia actual:	#####	
Velocidad de Giro:	##### %	
Densidad Actual:	#####	
Esf. Motor:	#####	
Temperatura:	#####	
Alarma de Temperatura:	#####	
Viscosidad Actual:	#####	
Viscosidad Ideal:	#####	
Error permitido de Viscosidad (%):	#####	
Tiempo estabilización:	#####	
Error de Viscosidad (%):	#####	
Tiempo de posicionamiento:	#####	



ATENCION

Se recomienda al usuario de abstenerse de cambiar prametros mientras la máquina este funcionando en modo automatico

Home

Control Manual

Gráfica

2.2.4.1 Display Settings

Section	Option	Selection
Properties	Display Type	Replace
	Allow Multiple Running Copies	No
	Cache after Displaying	No
	Title Bar	Yes
	System Menu	Yes
	Minimize Button	Yes
	Maximize Button	No
	Size to Main Window at Runtime	No
	Show last Acquired Value	Yes
	Use Current Size	No (Size in Pixels: 840 x 525)
	Allow Display to be Resized	Yes: When Resized - Scale
	Use Current Position	Yes
	Security Code	G
	Background Color	0xE0E0E0
	Startup Command	
	Shutdown Command	
Behavior	Input Field Not Selected Text Color	0x0
	Input Field Not Selected Fill Color	0xFFFFF
	Input Field Selected Text Color	0x0
	Input Field Selected Fill Color	0xFFFFF
	Beep on Press of Interactive Object	No
	Highlight when Cursor Passes Over Interactive Objects	Yes Highlight Color: 0x0
	Highlight Color of Objects with Input Focus	0xFF00
	Display On-screen Keyboard	No

2.2.4.2 Animated Display Objects

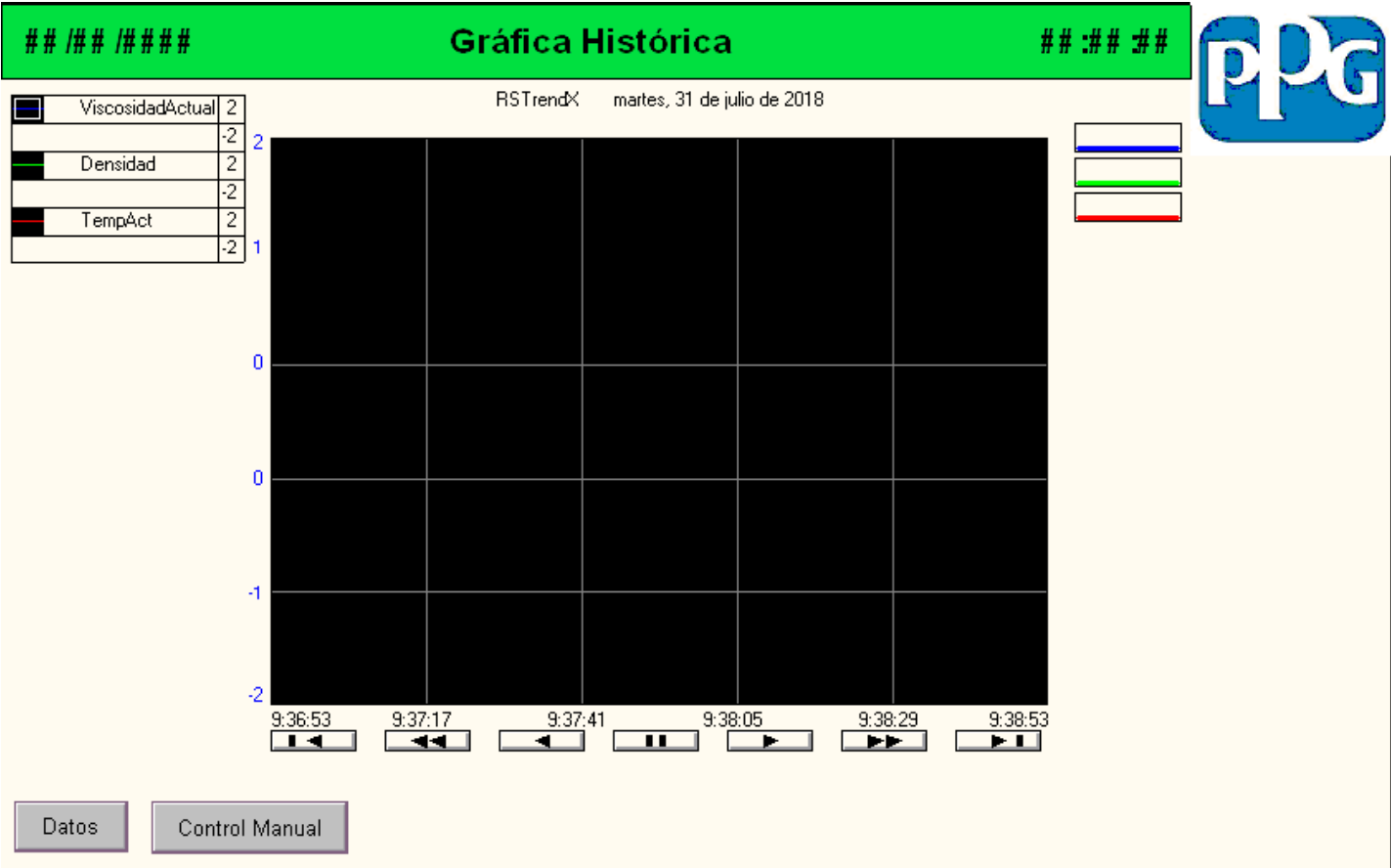
Object Name	Grouping	X	Y	Property	Expression
Button4		8	481	Button: "Home": Touch Control: Press Action	Display MainWindow;Display manejo

Button1		133	481	Button: "Control Manual": Touch Control: Press Action	Display controlmanual
Group1	++Group1	0	44		
NumericInput1		535	230	Numeric Input	Variables_de_control\TemperAlarma
NumericInput2		536	273	Numeric Input	Variables_de_control\VisIdeal
NumericInput3		535	307	Numeric Input	Variables_de_control\OrquillaVisco
NumericInput4		535	346	Numeric Input	Variables_de_control\Tiempoestabilizacion
NumericInput7		535	422	Numeric Input	Variables_de_control\TiempoPorCiclo
Group12	++Group12	300	59		
NumericDisplay1		300	59	Numeric Display	3000
NumericDisplay2		300	83	Numeric Display	0
NumericDisplay3		300	108	Numeric Display	Variables_de_control\Poslaser
NumericDisplay4		300	131	Numeric Display	Variables_de_control\Viscosidad
NumericDisplay5		300	157	Numeric Display	system\Time
NumericDisplay6		300	182	Numeric Display	Variables_de_control\EsfMotor
NumericDisplay7		300	205	Numeric Display	Variables_de_control\TempAct
NumericDisplay8		300	229	Numeric Display	Variables_de_control\TemperAlarma
NumericDisplay9		300	252	Numeric Display	Variables_de_control\ViscosidadActual
NumericDisplay10		300	275	Numeric Display	Variables_de_control\VisIdeal
NumericDisplay11		300	297	Numeric Display	Variables_de_control\OrquillaVisco
NumericDisplay12		300	345	Numeric Display	Variables_de_control\Tiempoestabilizacion
NumericDisplay14		300	373	Numeric Display	Variables_de_control>ErrorViscosidad
NumericDisplay16		300	423	Numeric Display	Variables_de_control\TiempoPorCiclo
Group12	+--Group12				
Group1	+--Group1				
Button10		259	481	Button: "Gráfica": Touch Control: Press Action	Display Grafica
Group4	++Group4	0	-2		
Group8	++Group8	613	10		
NumericDisplay13		613	10	Numeric Display	system\Hour
NumericDisplay15		641	10	Numeric Display	system\Minute
NumericDisplay17		670	10	Numeric Display	system\Second
Group8	+-Group8				
Group3	++Group3	0	10		
NumericDisplay18		14	10	Numeric Display	system\DayOfMonth
NumericDisplay19		42	10	Numeric Display	system\Month
NumericDisplay20		71	10	Numeric Display	system\Year
Group3	+-Group3				
Group4	+--Group4				

2.2.4.3 Database Tags Used by the Component

Tag Name	Tag Type	Tag Description
system\DayOfMonth	Analog	Day of Month
system\Hour	Analog	Hour of day (0 - 23)
system\Minute	Analog	Minutes (0 - 59)
system\Month	Analog	Month
system\Second	Analog	Seconds (0 - 59)
system\Time	String	System time string
system\Year	Analog	Year
Variables_de_control\ErrorViscosidad	Analog	Diferencia en porcentaje entre la vis.actual y la ideal
Variables_de_control\EsfMotor	Analog	Esfuerzo que esta realizando ahora el motor
Variables_de_control\OrquillaVisco	Analog	Margen de error de la viscosidad.
Variables_de_control\Poslaser	Analog	Posición actual del pistón.
Variables_de_control\TempAct	Analog	Temperatura actual de la mezcla.
Variables_de_control\TemperAlarma	Analog	temperatura a partir de la que se activa la alarma por temperatura.
Variables_de_control\Tiempoestabilizacion	Analog	Tiempo que tiene que pasar la viscosidad estable para considerar terminada la mezcla.
Variables_de_control\TiempoPorCiclo	Analog	Tiempo que el cowless permanece en la posición de máximo esfuerzo.
Variables_de_control\Velocidad	Analog	Velocidad que tiene actualmente el motor.
Variables_de_control\ViscosidadActual	Analog	Viscosidad actual.
Variables_de_control\VisIdeal	Analog	Viscosidad ideal.

2.2.5 Graphics\Display\Grafica



2.2.5.1 Display Settings

Section
Properties

Option	Selection
Display Type	Replace
Allow Multiple Running Copies	No
Cache after Displaying	No
Title Bar	Yes
System Menu	Yes
Minimize Button	Yes
Maximize Button	No
Size to Main Window at Runtime	No
Show last Acquired Value	Yes
Use Current Size	No (Size in Pixels: 840 x 525)
Allow Display to be Resized	Yes: When Resized - Scale
Use Current Position	Yes
Security Code	*
Background Color	0xE0E0E0
Startup Command	
Shutdown Command	
Input Field Not Selected Text Color	0x0
Input Field Not Selected Fill Color	0xFFFFFFFF
Input Field Selected Text Color	0x0
Input Field Selected Fill Color	0xFFFFFFFF
Beep on Press of Interactive Object	No
Highlight when Cursor Passes Over Interactive Objects	Yes Highlight Color: 0x0
Highlight Color of Objects with Input Focus	0xFF00
Display On-screen Keyboard	No

Behavior

2.2.5.2 ActiveX Controls

File Name	Control	File Version
1 RSTXView.ocx	RSTrendX	3.46.0.1

2.2.5.3 Animated Display Objects

Object Name	Grouping	X	Y	Property	Expression
Button10		8	483	Button: "Datos": Touch Control: Press Action	Display Datos
Button1		91	483	Button: "Control Manual": Touch Control: Press Action	Display controlmanual
Group4	++Group4	-1	-2		
Group1	++Group1	628	10		
NumericDisplay13		628	10	Numeric Display	system\Hour
NumericDisplay15		657	10	Numeric Display	system\Minute
NumericDisplay17		686	10	Numeric Display	system\Second
Group1	+-Group1				
Group5	++Group5	-1	10		
NumericDisplay18		14	10	Numeric Display	system\DayOfMonth
NumericDisplay19		43	10	Numeric Display	system\Month
NumericDisplay20		73	10	Numeric Display	system\Year
Group5	+-Group5				
Group4	+--Group4				

2.2.5.4 Database Tags Used by the Component

Tag Name	Tag Type	Tag Description
system\DayOfMonth	Analog	Day of Month
system\Hour	Analog	Hour of day (0 - 23)
system\Minute	Analog	Minutes (0 - 59)
system\Month	Analog	Month
system\Second	Analog	Seconds (0 - 59)
system\Year	Analog	Year

2.2.6 Graphics\Display\MainWindow

RUNNING

Temp. Act:
#####

Velocidad:
#####%

Alt.Liquido:
#####

Par:
#####

Start

Stop

Verter

#####

**Peligro:
Desbordamiento**

Dispermix 100

#####

Error en viscosidad:
###%

Manual:

Log In

Log out

Alarmas

Datos

Grafica

2.2.6.1 Display Settings

Section	Option	Selection
Properties	Display Type	Replace
	Allow Multiple Running Copies	No
	Cache after Displaying	No
	Title Bar	Yes
	System Menu	Yes
	Minimize Button	Yes
	Maximize Button	No
	Size to Main Window at Runtime	No
	Show last Acquired Value	Yes
	Use Current Size	No (Size in Pixels: 840 x 525)
	Allow Display to be Resized	Yes: When Resized - Scale
	Use Current Position	Yes
	Security Code	*
	Background Color	0xE0E0E0
	Startup Command	
	Shutdown Command	
	Input Field Not Selected Text Color	0x0
	Input Field Not Selected Fill Color	0xFFFFF
	Input Field Selected Text Color	0x0
	Input Field Selected Fill Color	0xFFFFF
Behavior	Beep on Press of Interactive Object	No
	Highlight when Cursor Passes Over Interactive Objects	Yes Highlight Color: 0x0
	Highlight Color of Objects with Input Focus	0xFF00
	Display On-screen Keyboard	No

2.2.6.2 Animated Display Objects

Object Name	Grouping	X	Y	Property	Expression
Group116	++Group116	170	156		

5/5/2019				Graphics_Display_MainWindow.html	
Group116		170	156	Group: Height Control	Variables_de_control\Poslaser
Group116	+--Group116				
Group18	++Group18	160	105		
Group18		160	105	Group: Vertical Position	Variables_de_control\Poslaser
Group109	++Group109	337	105		
Group109		337	105	Group: Color Control	Variables_de_control\Marcha
Group109	+-Group109				
Group18	+--Group18				
Group78	++Group78	260	139		
Group37	++Group37	513	173		
Group34	++Group34	513	215		
Polygon		566	239	Polygon: Rotation Control	Variables_de_control\ViscosidadActual
Group34	+-Group34				
Group37	+-Group37				
Group69	++Group69	381	383		
Polygon		414	395	Polygon: Color Control	Variables_de_control\Bomba
Group69	+-Group69				
Group71	++Group71	466	394		
Group70	++Group70	468	407		
Polygon		489	408	Polygon: Color Control	1
Polygon		479	418	Polygon: Color Control	SalidasDigitales\Valvula
Polygon		468	407	Polygon: Color Control	not SalidasDigitales\Valvula
Group70	+-Group70				
Group71	+-Group71				
Group75	++Group75	338	365		
Group74	++Group74	348	370		
Polygon		348	370	Polygon: Color Control	1
Polygon		349	390	Polygon: Color Control	SalidasDigitales\Valvula
Polygon		360	381	Polygon: Color Control	not SalidasDigitales\Valvula
Group74	+-Group74				
Group75	+-Group75				
Group78	+--Group78				
Group7	++Group7	161	182		
Group7		161	182	Group: Vertical Position	Variables_de_control\Poslaser
Group7	+--Group7				
Rectangle		0	115	Rectangle: Color Control	Variables_de_control\AITemp
Group2	++Group2	5	9		
Group1	++Group1	8	12		
Ellipse		11	15	Ellipse: Color Control	Variables_de_control\Marcha
Group1	+-Group1				
Group2	+--Group2				
Text1		3	71	Text: "RUNNING": Color Control	Variables_de_control\Marcha
NumericDisplay1		13	156	Numeric Display	Variables_de_control\TempAct
NumericDisplay2		13	234	Numeric Display	Variables_de_control\Velocidad
NumericDisplay3		13	311	Numeric Display	Variables_de_control\AlturaLiquido
Button1		4	425	Button: "Start": Visibility Control	(((Variables_de_control\Marcha==0) and (Variables_de_control\AutoManual==0)) and ((system\User=="ADMINISTRADOR") or (system\User=="OPERARIO"))) and (Variables_de_control\AlturaLiquido>5) and (Variables_de_control\Poslaser<2000))
				Button: "Start": Touch Control: Press Action	&Set Variables_de_control\SetaMotor 1;&Set Variables_de_control\FWMotor 1;&Set Variables_de_control\Marcha 1;&Set Variables_de_control\REVMotor 0;&Set Variables_de_control\PTerminado 0;&Set Variables_de_control\MezclaValida 0;&Set Variables_de_control\TempMezcla 0;&Set Variables_de_control\Verter 0;&Set Variables_de_control\TempMezcla 0;&Set Variables_de_control\ParodeProceso 0;&Set Variables_de_control\ParoEmergencia 0;&Set Variables_de_control\VisibilidadError 0
Button3		4	457	Button: "Stop ": Touch Control: Press Action	&Set Variables_de_control\Marcha 0;&Set Variables_de_control\SetaMotor 0;&Set Variables_de_control\REVMotor 0;&Set Variables_de_control\FWMotor 0;&Set Variables_de_control\Verter 0;&Set Variables_de_control\Valvula 0;&Set Variables_de_control\Bomba 0;&Set SalidasDigitales\PistonBajada 0;&Set SalidasDigitales\Pistonsubida 0;&Set Variables_de_control\Velocidad 0;&Set

					Variables_de_control\ParodeProceso 1;&Set Variables_de_control\ParoEmergencia 1
				Button: "Stop ": Visibility Control	(Variables_de_control\Marcha and not Variables_de_control\AutoManual) and ((system\User=="ADMINISTRADOR") or (system\User=="OPERARIO"))
Rectangle		700	190	Rectangle: Color Control	Variables_de_control\AITemp
ImgSer		705	198	OLE Object: Touch Control: Press Action	Display AlarmaTemp
				OLE Object: Visibility Control	Variables_de_control\AITemp
Group8	++Group8	128	21		
NumericDisplay6		128	21	Numeric Display	system\Hour
NumericDisplay7		162	21	Numeric Display	system\Minute
NumericDisplay8		196	21	Numeric Display	system\Second
Group8	+--Group8				
Button6		4	490	Button: "Verter": Visibility Control	(((((Variables_de_control\PregUsuario and not Variables_de_control\Verter and not Variables_de_control\AutoManual) and ((system\User=="OPERARIO") and Variables_de_control\MezclaValida=1)) or ((Variables_de_control\PregUsuario and not Variables_de_control\Verter and not Variables_de_control\AutoManual) and ((system\User=="ADMINISTRADOR")))) and (Variables_de_control\VisibilidadError=0)))
				Button: "Verter": Touch Control: Press Action	&Set Variables_de_control\Verter 1;&Set SalidasDigitales\PistonBajada 0;&Set SalidasDigitales\PistonSubida 0;&Set Variables_de_control\VisibilidadError 1
Text19		129	460	Text: "Virtiendo": Color Control	Variables_de_control\Valvula
				Text: "Virtiendo": Visibility Control	Variables_de_control\Valvula
Group4	++Group4	749	135		
Group3	++Group3	752	138		
Group3		752	138	Group: Color Control	Variables_de_control\AutoManual
Group3	+-Group3				
Group4	+--Group4				
Group5	++Group5	257	446		
Group5		257	446	Group: Visibility Control	Variables_de_control\PregUsuario
NumericDisplay5		337	498	Numeric Display	Variables_de_control\ErrorViscosidad
Group5	+--Group5				
Group62	++Group62	516	412		
Group62		516	412	Group: Visibility Control	(Variables_de_control\Valvula or not SalidasDigitales\Bomba)
Group60	++Group60	517	415		
Group60		517	415	Group: Visibility Control	System\blinkfast =1
Group60	+-Group60				
Group61	++Group61	520	415		
Group61		520	415	Group: Visibility Control	System\blinkfast =1
Group61	+-Group61				
Group62	+--Group62				
Group86	++Group86	570	333		
Group86		570	333	Group: Visibility Control	(Variables_de_control\Valvula or not SalidasDigitales\Bomba)
Group82	++Group82	572	339		
Group82		572	339	Group: Visibility Control	System\blinkfast =1
Group82	+-Group82				
Group85	++Group85	573	336		
Group85		573	336	Group: Visibility Control	System\blinkfast =1
Group85	+-Group85				
Group86	+--Group86				
Group90	++Group90	457	193		
Group90		457	193	Group: Visibility Control	(Variables_de_control\Valvula or not SalidasDigitales\Bomba)
Group88	++Group88	459	196		
Group88		459	196	Group: Visibility Control	System\blinkfast =1
Group88	+-Group88				
Group89	++Group89	465	196		
Group89		465	196	Group: Visibility Control	System\blinkfast =1
Group89	+-Group89				
Group90	+--Group90				
Group94	++Group94	354	423		
Group94		354	423	Group: Visibility Control	Variables_de_control\Valvula
Group92	++Group92	357	424		
Group92		357	424	Group: Visibility Control	System\blinkfast =1
Group92	+-Group92				

5/5/2019	Graphics_Display_MainWindow.html				
Group92	+-Group92				
Group93	++Group93	357	428		
Group93		357	428	Group: Visibility Control	System\blinkfast =1
Group93	+-Group93				
Group94	+ -Group94				
Group96	++Group96	324	415		
Group96		324	415	Group: Color Control	SalidasDigitales\Valvula
				Group: Visibility Control	SalidasDigitales\Valvula
Group96	+ -Group96				
Group97	++Group97	464	173		
Group97		464	173	Group: Color Control	SalidasDigitales\Bomba
				Group: Visibility Control	(Variables_de_control\Valvula or not SalidasDigitales\Bomba)
Group97	+ -Group97				
Group98	++Group98	513	431		
Group98		513	431	Group: Color Control	SalidasDigitales\Bomba
				Group: Visibility Control	(Variables_de_control\Valvula or not SalidasDigitales\Bomba)
Group98	+ -Group98				
Group99	++Group99	592	327		
Group99		592	327	Group: Color Control	SalidasDigitales\Bomba
				Group: Visibility Control	(Variables_de_control\Valvula or not SalidasDigitales\Bomba)
Group99	+ -Group99				
Group105	++Group105	292	186		
Rectangle		389	186	Rectangle: Fill Control	Variables_de_control\AlturaLiquido
Group104	++Group104	292	329		
Group104		292	329	Group: Vertical Position	Variables_de_control\AlturaLiquido
NumericDisplay12		292	329	Numeric Display	Variables_de_control\AlturaLiquido
Group104	+-Group104				
Group105	+ -Group105				
Text34		484	51	Text: "Peligro: Desbordamiento": Visibility Control	Variables_de_control\desbordamiento
				Text: "Peligro: Desbordamiento": Color Control	1
Group111	++Group111	184	208		
Group111		184	208	Group: Color Control	SalidasDigitales\Pistonsubida
				Group: Visibility Control	SalidasDigitales\Pistonsubida
Group111	+ -Group111				
Group112	++Group112	185	282		
Group112		185	282	Group: Color Control	SalidasDigitales\PistonBajada
				Group: Visibility Control	SalidasDigitales\PistonBajada
Group112	+ -Group112				
NumericDisplay13		11	381	Numeric Display	Variables_de_control\EsfMotor
Group6	++Group6	131	396		
Group6		131	396	Group: Visibility Control	((Variables_de_control\PregUsuario and not Variables_de_control\Verter and not Variables_de_control\AutoManual) and ((system\User=="ADMINISTRADOR") and Variables_de_control\MezclaValida=1)) or ((Variables_de_control\PregUsuario and not Variables_de_control\Verter and not Variables_de_control\AutoManual) and ((system\User=="OPERARIO"))))
Text16		133	460	Text: "Viscosidad no reglada": Visibility Control	Variables_de_control\PregUsuario and not Variables_de_control\Verter and not Variables_de_control\MezclaValida
				Text: "Viscosidad no reglada": Color Control	Variables_de_control\PregUsuario
Text31		131	396	Text: "Permisos de Admin. necesarios para continuar": Visibility Control	Variables_de_control\PregUsuario and not Variables_de_control\Verter and not Variables_de_control\MezclaValida
				Text: "Permisos de Admin. necesarios para continuar": Color Control	Variables_de_control\PregUsuario
Group6	+ -Group6				
StringDisplay1		437	4	String Display	system\User
Group150	++Group150	485	449		
Group150		485	449	Group: Visibility Control	Variables_de_control\Valvula
Group148	++Group148	488	450		
Group148		488	450	Group: Visibility Control	System\blinkfast =1
Group148	+-Group148				
Group149	++Group149	488	454		
Group149		488	454	Group: Visibility Control	System\blinkfast =1
Group149	+-Group149				
Group150	+ -Group150				

Group151	++Group151	502	449		
Group151		502	449	Group: Color Control	SalidasDigitales\Valvula
				Group: Visibility Control	SalidasDigitales\Valvula
Group151	+~Group151				
ImgSer		705	198	OLE Object: Visibility Control	Variables_de_control\FalloTransPresion
				OLE Object: Touch Control: Press Action	Display AlarmaTransPresion
Group11	++Group11	711	353		
Button2		711	452	Button: "Datos": Visibility Control	(system\User=="ADMINISTRADOR")
				Button: "Datos": Touch Control: Press Action	Display Datos
Button4		711	419	Button: "Alarmas": Visibility Control	(system\User=="ADMINISTRADOR") or (system\User=="OPERARIO")
				Button: "Alarmas": Touch Control: Press Action	Display Alarma
Button5		711	353	Button: "Log In": Touch Control: Release Action	Login
Button7		711	386	Button: "Log out": Touch Control: Release Action	Logout
Button8		711	485	Button: "Grafica": Touch Control: Press Action	Display Grafica
				Button: "Grafica": Visibility Control	(system\User=="ADMINISTRADOR")
Group11	+~Group11				
Group9	++Group9	105	1		
NumericDisplay4		128	1	Numeric Display	system\DayOfMonth
NumericDisplay14		163	1	Numeric Display	system\Month
NumericDisplay15		194	1	Numeric Display	system\Year
Group9	+~Group9				


2.2.6.3 Database Tags Used by the Component

Tag Name	Tag Type	Tag Description
SalidasDigitales\Bomba	Digital	Activación de la bomba
SalidasDigitales\PistonBajada	Digital	Descenso del pistón
SalidasDigitales\Pistonsubida	Digital	Ascenso del pistón
SalidasDigitales\Valvula	Digital	Posición de las dos valvulas del sistema.
System\blinkfast	Digital	Changes every 100 ms
system\DayOfMonth	Analog	Day of Month
system\Hour	Analog	Hour of day (0 - 23)
system\Minute	Analog	Minutes (0 - 59)
system\Month	Analog	Month
system\Second	Analog	Seconds (0 - 59)
system\User	String	Currently logged on User
system\Year	Analog	Year
Variables_de_control\AlTemp	Digital	Alarma de temepratura
Variables_de_control\AlturaLiquido	Analog	Altura de la mezcla actual.
Variables_de_control\AutoManual	Digital	Variable que nos indica si el sistema esta en automático o manual
Variables_de_control\Bomba	Digital	Variable empleada en automatico para activar la bomba
Variables_de_control\desbordamiento	Digital	Desbordamiento del tanque de mezcla
Variables_de_control\ErrorViscosidad	Analog	Diferencia en porcentaje entre la vis.actual y la ideal
Variables_de_control\EsfMotor	Analog	Esfuerzo que esta realizando ahora el motor
Variables_de_control\FalloTransPresion	Digital	El sensor de nivel de la mezcla funciona de manera erratica
Variables_de_control\FWMotor	Digital	Indicación del sentido de giro del motor en automatico como forward
Variables_de_control\Marcha	Digital	Marcha del motor en automático
Variables_de_control\MezclaValida	Digital	La mezcla esta dentro del margen de error.
Variables_de_control\ParodeProceso	Digital	Paro del proceso una vez pulsado vertir.
Variables_de_control\ParoEmergencia	Digital	Paro total de la máquina/Puesta en posición inicial.
Variables_de_control\Poslaser	Analog	Posición actual del pistón.
Variables_de_control\PregUsuario	Digital	Preguntar al usuario si quiere vertir.
Variables_de_control\PTerminado	Digital	Indicación que lamezcla se ha terminado.
Variables_de_control\REVMotor	Digital	Indicación del sentido de giro del motor en modo automático como reverse.
Variables_de_control\SetaMotor	Digital	Activación de la seta del motor en modo automático.
Variables_de_control\TempAct	Analog	Temperatura actual de la mezcla.
Variables_de_control\TempMezcla	Analog	Tiempo que ha pasado la viscosidad estable para considerar terminada la mezcla.
Variables_de_control\Valvula	Digital	Indicación de la posición de la valvula.
Variables_de_control\Velocidad	Analog	Velocidad que tiene actualmente el motor.
Variables_de_control\Verter	Digital	Se desea verter la mezcla.
Variables_de_control\ViscosidadActual	Analog	Viscosidad actual.
Variables_de_control\VisibilidadError	Digital	Bit empleado por razones esteticas en el SCADA.

2.2.7 Graphics\Display\Start

#####

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PPG IBÉRICA

Automatización de la
máquina de mezcla
"Dispermix 100"

Autor:
Francisco de Borja
Lanza Ortega

Tutor:
Eduardo Moya
Jose Maria Perez Medrano

Log In

Log out

Start Model

2.2.7.1 Display Settings

Section	Option	Selection
Properties	Display Type	Replace
	Allow Multiple Running Copies	No
	Cache after Displaying	No
	Title Bar	Yes
	System Menu	Yes
	Minimize Button	Yes
	Maximize Button	No
	Size to Main Window at Runtime	No
	Show last Acquired Value	Yes
	Use Current Size	No (Size in Pixels: 840 x 525)
	Allow Display to be Resized	Yes: When Resized - Scale
	Use Current Position	Yes
	Security Code	*
	Background Color	0xC0C0C0
	Startup Command	
	Shutdown Command	
Behavior	Input Field Not Selected Text Color	0x0
	Input Field Not Selected Fill Color	0xFFFFF
	Input Field Selected Text Color	0x0
	Input Field Selected Fill Color	0xFFFFF
	Beep on Press of Interactive Object	No
	Highlight when Cursor Passes Over Interactive Objects	Yes Highlight Color: 0x0
	Highlight Color of Objects with Input Focus	0xFF00
	Display On-screen Keyboard	No

2.2.7.2 Animated Display Objects

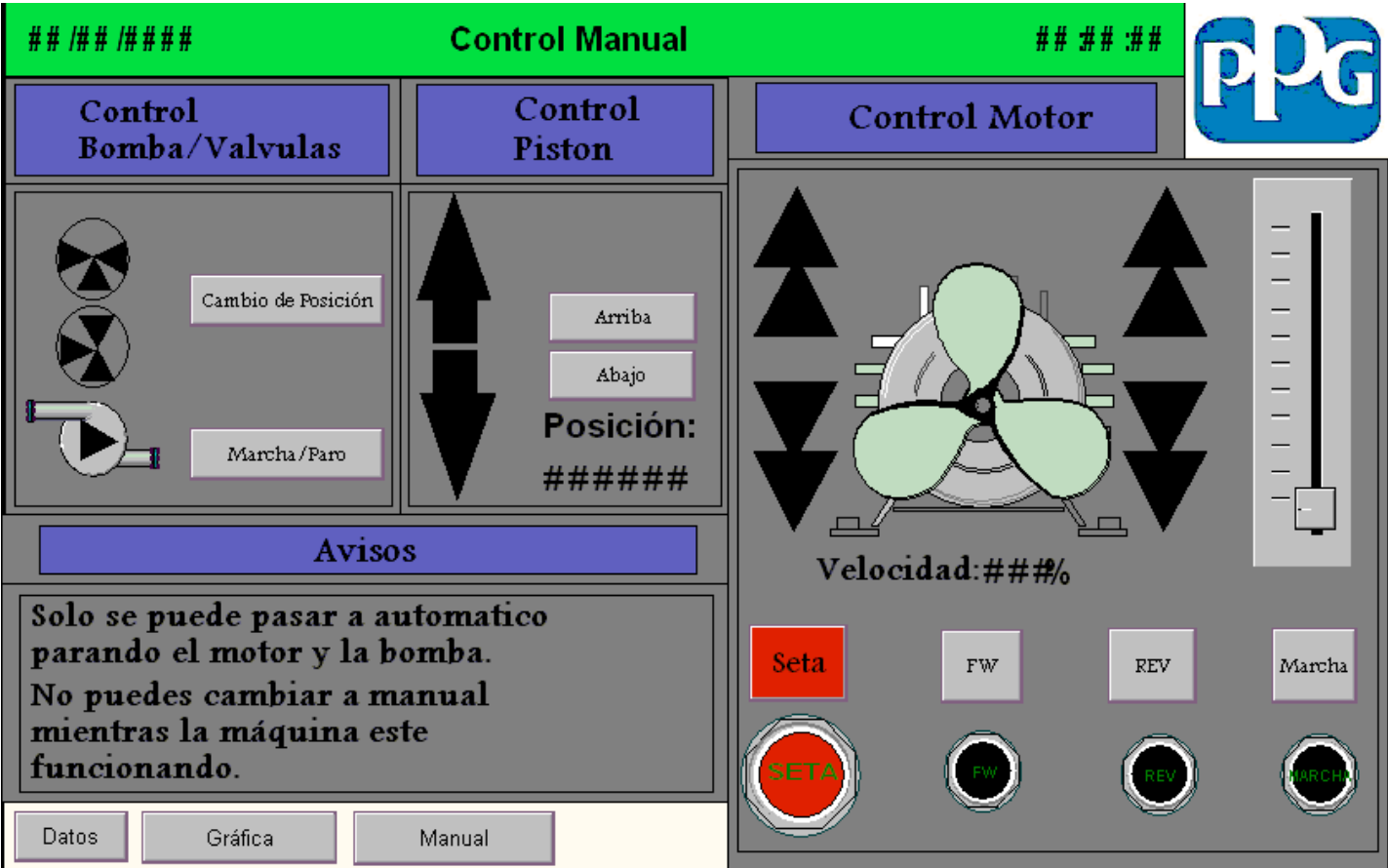
Object Name	Grouping	X	Y	Property	Expression
Group6	++Group6	339	347		

5/5/2019		Graphics_Display_Start.html			
Button1		339	463	Button: "Start Model ": Visibility Control	(system\User=="ADMINISTRADOR") or (system\User=="OPERARIO")
				Button: "Start Model ": Touch Control: Press Action	Display MainWindow;Display manejo
Button5		339	347	Button: "Log In": Touch Control: Release Action	Login
Button7		339	405	Button: "Log out": Touch Control: Release Action	Logout
Group6	+ -Group6				
Group2	+ +Group2	-2	0		
Group8	+ +Group8	736	12		
NumericDisplay6		736	12	Numeric Display	system\Hour
NumericDisplay7		770	12	Numeric Display	system\Minute
NumericDisplay8		804	12	Numeric Display	system\Second
Group8	+ -Group8				
Group3	+ +Group3	-2	12		
NumericDisplay4		17	12	Numeric Display	system\DayOfMonth
NumericDisplay5		52	12	Numeric Display	system\Month
NumericDisplay12		83	12	Numeric Display	system\Year
Group3	+ -Group3				
Group2	+ -Group2				

2.2.7.3 Database Tags Used by the Component

Tag Name	Tag Type	Tag Description
system\DayOfMonth	Analog	Day of Month
system\Hour	Analog	Hour of day (0 - 23)
system\Minute	Analog	Minutes (0 - 59)
system\Month	Analog	Month
system\Second	Analog	Seconds (0 - 59)
system\User	String	Currently logged on User
system\Year	Analog	Year

2.2.8 Graphics\Display\controlmanual



2.2.8.1 Display Settings

Section	Option	Selection
Properties	Display Type	Replace
	Allow Multiple Running Copies	No
	Cache after Displaying	No
	Title Bar	Yes
	System Menu	Yes
	Minimize Button	Yes
	Maximize Button	No
	Size to Main Window at Runtime	No
	Show last Acquired Value	Yes
	Use Current Size	No (Size in Pixels: 840 x 525)
	Allow Display to be Resized	Yes: When Resized - Scale
	Use Current Position	Yes
	Security Code	*
	Background Color	0xE0E0E0
Behavior	Startup Command	
	Shutdown Command	
	Input Field Not Selected Text Color	0x0
	Input Field Not Selected Fill Color	0xFFFFF
	Input Field Selected Text Color	0x0
	Input Field Selected Fill Color	0xFFFFF
	Beep on Press of Interactive Object	No
	Highlight when Cursor Passes Over Interactive Objects	Yes Highlight Color: 0x0
	Highlight Color of Objects with Input Focus	0xFF00
	Display On-screen Keyboard	No

2.2.8.2 Animated Display Objects

Object Name	Grouping	X	Y	Property	Expression
Button7		212	489	Button Toggle: "Manual"	Variables_de_controlAutoManual

				Button Toggle: "Manual": Visibility Control	((Variables_de_control\Marcha=1) or (Variables_de_control\MarchaMan=1) or (Variables_de_control\Bomba=1) or (Variables_de_control\Valvula=1))
Button8		6	489	Button Toggle: "Manual": Touch Control: Press Action Button: "Datos": Touch Control: Press Action	Toggle Variables_de_control\AutoManual Display Datos
Group71	++Group71	240	45		
Group69	++Group69	250	115		
Group61	++Group61	250	115		
Button5		330	175	Button Momentary On: "Arriba "	Variables_de_control\SubidaPiston
				Button Momentary On: "Arriba ": Visibility Control	(Variables_de_control\AutoManual=1) and (Variables_de_control\Poslaser<3000)
Group18	++Group18	250	115		
Group18		250	115	Group: Color Control Group: Visibility Control	Variables_de_control\SubidaPiston Variables_de_control\SubidaPiston
Group18	+-Group18				
Group61	+-Group61				
Group62	++Group62	252	210		
Button6		330	210	Button Momentary On: "Abajo"	Variables_de_control\BajarPiston
				Button Momentary On: "Abajo": Visibility Control	(Variables_de_control\AutoManual=1) and (Variables_de_control\Poslaser>0)
Group3	++Group3	252	210		
Group3		252	210	Group: Color Control Group: Visibility Control	Variables_de_control\BajarPiston Variables_de_control\BajarPiston
Group3	+-Group3				
Group62	+-Group62				
Group69	+-Group69				
Group71	+-Group71				
Group72	++Group72	326	244		
NumericDisplay1		327	276	Numeric Display	Variables_de_control\Poslaser
Group72	+-Group72				
Group90	++Group90	593	332		
NumericDisplay2		593	332	Numeric Display	Variables_de_control\Velocidad
Group90	+-Group90				
Group52	++Group52	446	106		
Group37	++Group37	514	157		
Group37		514	157	Group: Visibility Control	SalidasDigitales\Marcha and SalidasDigitales\FW and SalidasDigitales\Seta
				Group: Rotation Control	60-system\Second
Group37	+-Group37				
Button1		451	376	Button: "Seta": Touch Control: Press Action	Toggle Variables_de_control\SetaMan;&Set Variables_de_control\Velocidad 0
				Button: "Seta": Visibility Control	Variables_de_control\AutoManual
Button2		567	379	Button: "FW": Visibility Control	(Variables_de_control\AutoManual=1) and (Variables_de_control\Velocidad=0)
				Button: "FW": Touch Control: Press Action	&Set Variables_de_control\FWMan 1;&Set Variables_de_control\REVMan 0
Button3		669	378	Button: "REV": Touch Control: Press Action	&Set Variables_de_control\REVMan 1;&Set Variables_de_control\FWMan 0
				Button: "REV": Visibility Control	(Variables_de_control\AutoManual=1) and (Variables_de_control\Velocidad==0)
Button4		768	378	Button: "Marcha": Visibility Control	(Variables_de_control\AutoManual=1) and (Variables_de_control\REVMan=1) or (Variables_de_control\FWMan=1)) and (Variables_de_control\SetaMan=1) and (Variables_de_control\Velocidad==0)
				Button: "Marcha": Touch Control: Press Action	Toggle Variables_de_control\MarchaMan;&Set Variables_de_control\Velocidad 0
Group6	++Group6	446	430		
Group5	++Group5	451	435		
Group5		451	435	Group: Color Control	SalidasDigitales\Seta
Group5	+-Group5				
Group6	+-Group6				
Group8	++Group8	569	440		
Group8		569	440	Group: Color Control	SalidasDigitales\FW
Group8	+-Group8				
Group10	++Group10	676	442		
Group10		676	442	Group: Color Control	SalidasDigitales\REV

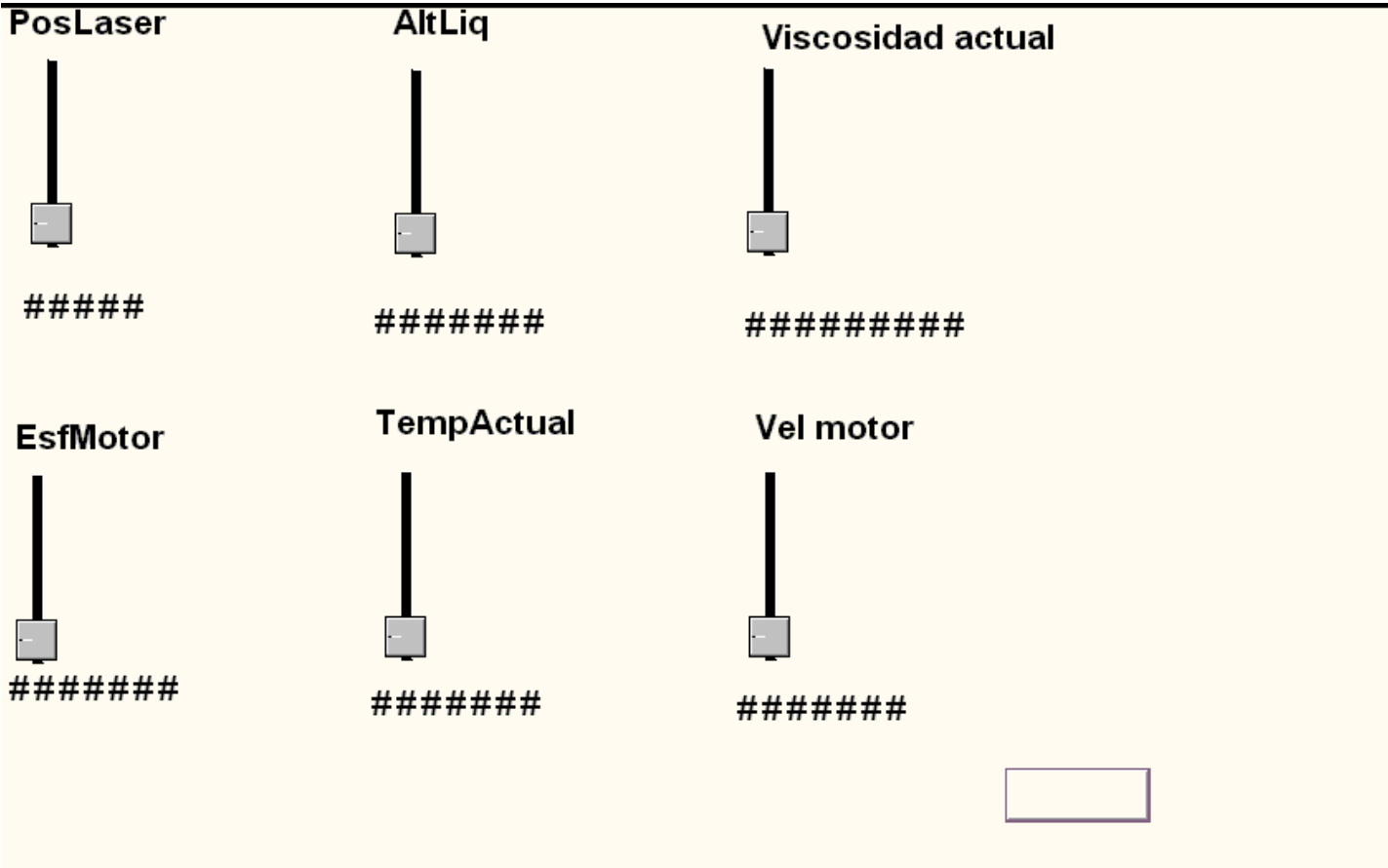
5/5/2019				Graphics_Display_controlmanual.html		
Group10		678	772	Group: Color Control	SalidasDigitales\REV	
Group10	+-Group10					
Group12	++Group12	773	442			
Group12		773	442	Group: Color Control	SalidasDigitales\Marcha	
Group12	+-Group12					
Group14	++Group14	678	111			
Group14		678	111	Group: Color Control	Variables_de_control\Marcha or Variables_de_control\MarchaMan	
				Group: Visibility Control	(Variables_de_control\SetaMan and Variables_de_control\FWMan and Variables_de_control\MarchaMan) or Variables_de_control\Marcha	
Group14	+-Group14					
Group16	++Group16	678	229			
Group16		678	229	Group: Color Control	Variables_de_control\Marcha or Variables_de_control\MarchaMan	
				Group: Visibility Control	Variables_de_control\SetaMan and Variables_de_control\REVMan and Variables_de_control\MarchaMan	
Group16	+-Group16					
Group1	++Group1	454	111			
Group1		454	111	Group: Color Control	Variables_de_control\Marcha or Variables_de_control\MarchaMan	
				Group: Visibility Control	Variables_de_control\SetaMan and Variables_de_control\REVMan and Variables_de_control\MarchaMan	
Group1	+-Group1					
Group2	++Group2	454	229			
Group2		454	229	Group: Color Control	Variables_de_control\Marcha or Variables_de_control\MarchaMan	
				Group: Visibility Control	(Variables_de_control\SetaMan and Variables_de_control\FWMan and Variables_de_control\MarchaMan) or Variables_de_control\Marcha	
Group2	+-Group2					
Group47	++Group47	757	106			
Group47		757	106	Group: Visibility Control	Variables_de_control\AutoManual	
Group35	++Group35	782	293			
Group35		782	293	Group: Vertical Slider	Variables_de_control\Velocidad	
Group35	+-Group35					
Group47	+-Group47					
Group48	++Group48	515	159			
Group48		515	159	Group: Visibility Control	SalidasDigitales\Marcha and SalidasDigitales\REV and SalidasDigitales\Seta	
				Group: Rotation Control	system\Second	
Group48	+-Group48					
Group49	++Group49	514	158			
Group49		514	158	Group: Visibility Control	SalidasDigitales\Marcha and SalidasDigitales\Seta	
Group49	+-Group49					
Group52	+-Group52					
Text1		16	408	Text: "No puedes cambiar a manual mientras la máquina este funcionando.": Visibility Control	Variables_de_control\Marcha	
Text13		16	360	Text: "Solo se puede pasar a automatico parando el motor y la bomba.": Visibility Control	Variables_de_control\MarchaMan or Variables_de_control\BombaMan or Variables_de_control\ValvulaMan	
Button10		83	489	Button: "Gráfica": Touch Control: Press Action	Display Grafica	
Group60	++Group60	13	130			
Group94	++Group94	31	183			
Group17	++Group17	34	189			
Polygon		45	189	Polygon: Color Control	1	
Polygon		46	209	Polygon: Color Control	SalidasDigitales\Valvula	
Polygon		34	200	Polygon: Color Control	not SalidasDigitales\Valvula	
Group17	+-Group17					
Group94	+-Group94					
Group240	++Group240	13	240			
Polygon		46	252	Polygon: Color Control	Variables_de_control\Bomba	
Group240	+-Group240					
Button11		112	164	Button Toggle: "Cambio de Posición"	Variables_de_control\ValvulaMan	
				Button Toggle: "Cambio de Posición": Visibility Control	(Variables_de_control\AutoManual=1) and (Variables_de_control\Bomba=0)	
				Button Toggle: "Cambio de Posición": Touch Control: Press Action	Toggle Variables_de_control\ValvulaMan	
Button12		112	257	Button Toggle:	Variables_de_control\BombaMan	

Tag Name	Tag Type	Tag Value	Tag Description
			Button Toggle: "Marcha/Paro"
			Button Toggle: "Marcha/Paro": Visibility Control
			Button Toggle: "Marcha/Paro": Touch Control: Press Action
Group56	++Group56	31	130
Group51	++Group51	33	143
Polygon		54	144
Polygon		44	154
Polygon		33	143
Group51	+-Group51		
Group56	+-Group56		
Group60	+ -Group60		
Group67	++Group67	-5	-2
Group55	++Group55	624	10
NumericDisplay4		624	10
NumericDisplay15		653	10
NumericDisplay17		682	10
Group55	+-Group55		
Group58	++Group58	-5	10
NumericDisplay18		14	10
NumericDisplay19		43	10
NumericDisplay20		72	10
Group58	+-Group58		
Group67	+ -Group67		

2.2.8.3 Database Tags Used by the Component

Tag Name	Tag Type	Tag Description
SalidasDigitales\FW	Digital	Indicación del sentido de giro como forward
SalidasDigitales\Marcha	Digital	Puesta en marcha del motor
SalidasDigitales\REV	Digital	Indicación del sentido de giro como reverse
SalidasDigitales\Seta	Digital	Seta del motor
SalidasDigitales\Valvula	Digital	Posición de las dos valvulas del sistema.
system\DayOfMonth	Analog	Day of Month
system\Hour	Analog	Hour of day (0 - 23)
system\Minute	Analog	Minutes (0 - 59)
system\Month	Analog	Month
system\Second	Analog	Seconds (0 - 59)
system\Year	Analog	Year
Variables_de_control\AutoManual	Digital	Variable que nos indica si el sistema esta en automático o manual
Variables_de_control\BajarPiston	Digital	Variable empleada en automatico para bajar el pistón
Variables_de_control\Bomba	Digital	Variable empleada en automatico para activar la bomba
Variables_de_control\BombaMan	Digital	Variable empleada en manual para activar la bomba
Variables_de_control\FWMan	Digital	Indicación del sentido de giro del motor en manual como forward
Variables_de_control\Marcha	Digital	Marcha del motor en automático
Variables_de_control\MarchaMan	Digital	Marcha del motor en manual.
Variables_de_control\Poslaser	Analog	Posición actual del pistón.
Variables_de_control\REVMan	Digital	Indicación del sentido de giro del motor en modo manual como reverse.
Variables_de_control\SetaMan	Digital	Activación de la seta del motor en modo manual.
Variables_de_control\SubidaPiston	Digital	Indicación de la subida del pistón.
Variables_de_control\Valvula	Digital	Indicación de la posición de la valvula.
Variables_de_control\ValvulaMan	Digital	Posicionamiento de las valvulas.
Variables_de_control\Velocidad	Analog	Velocidad que tiene actualmente el motor.

2.2.9 Graphics\Display\manejo



2.2.9.1 Display Settings

Section	Option	Selection
Properties	Display Type	On Top
	Allow Multiple Running Copies	No
	Cache after Displaying	No
	Title Bar	Yes
	System Menu	Yes
	Minimize Button	Yes
	Maximize Button	No
	Size to Main Window at Runtime	No
	Show last Acquired Value	Yes
	Use Current Size	No (Size in Pixels: 840 x 525)
	Allow Display to be Resized	Yes: When Resized - Scale
	Use Current Position	Yes
	Security Code	*
	Background Color	0xE0E0E0
	Startup Command	
	Shutdown Command	
Behavior	Input Field Not Selected Text Color	0x0
	Input Field Not Selected Fill Color	0xFFFFF
	Input Field Selected Text Color	0x0
	Input Field Selected Fill Color	0xFFFFF
	Beep on Press of Interactive Object	No
	Highlight when Cursor Passes Over Interactive Objects	Yes Highlight Color: 0x0
	Highlight Color of Objects with Input Focus	0xFF00
	Display On-screen Keyboard	No

2.2.9.2 Animated Display Objects

Object Name	Grouping	X	Y	Property	Expression
Group4	++Group4	18	31		

5/5/2019	Graphics_Display_manejo.html				
Group3	++Group3	18	119	Group: Vertical Slider	Variables_de_control\Poslaser
Group3		18	119		
Group3	+-Group3				
Group4	+ -Group4			Group: Vertical Slider	Variables_de_control\EsfMotor
Group8	++Group8	9	284		
Group7	++Group7	9	372		
Group7		9	372		
Group7	+-Group7			Group: Vertical Slider	Variables_de_control\AlturaLiquido
Group8	+ -Group8				
Group12	++Group12	238	37		
Group11	++Group11	238	125		
Group11		238	125	Group: Vertical Slider	Variables_de_control\TempAct
Group11	+-Group11				
Group12	+ -Group12				
Group16	++Group16	232	282		
Group15	++Group15	232	370	Group: Vertical Slider	Variables_de_control\ViscosidadActual
Group15		232	370		
Group15	+-Group15				
Group16	+ -Group16				
Group20	++Group20	451	36	Group: Vertical Slider	Variables_de_control\Velocidad
Group19	++Group19	451	124		
Group19		451	124		
Group19	+-Group19				
Group20	+ -Group20			Group: Vertical Slider	Variables_de_control\Poslaser
Group24	++Group24	452	282		
Group23	++Group23	452	370		
Group23		452	370		
Group23	+-Group23			Group: Vertical Slider	Variables_de_control\AlturaLiquido
Group24	+ -Group24				
NumericDisplay1		14	170		
NumericDisplay2		226	179		
NumericDisplay3		450	181	Group: Vertical Slider	Variables_de_control\EsfMotor
NumericDisplay4		5	402		
NumericDisplay5		224	411		
NumericDisplay6		445	414		
Button1		607	463	Button: Touch Control: Press Display TXgfx Action	

2.2.9.3 Database Tags Used by the Component

Tag Name	Tag Type	Tag Description
Variables_de_control\AlturaLiquido	Analog	Altura de la mezcla actual.
Variables_de_control\EsfMotor	Analog	Esfuerzo que esta realizando ahora el motor
Variables_de_control\Poslaser	Analog	Posición actual del pistón.
Variables_de_control\TempAct	Analog	Temperatura actual de la mezcla.
Variables_de_control\Velocidad	Analog	Velocidad que tiene actualmente el motor.
Variables_de_control\ViscosidadActual	Analog	Viscosidad actual.

2.3.1 Graphics\Library\Alarm Information

Alarm Summary				

Alarm Banner

Alarm Information Items in Summary: ### Unack

2.3.1.1 Display Settings

Section	Option	Selection
Properties	Display Type	Overlay
	Allow Multiple Running Copies	Yes
	Cache after Displaying	No
	Title Bar	Yes
	System Menu	Yes
	Minimize Button	Yes
	Maximize Button	Yes
	Size to Main Window at Runtime	No
	Show last Acquired Value	No
	Use Current Size	No (Size in Pixels: 849 x 483)
	Allow Display to be Resized	Yes: When Resized - Scale
	Use Current Position	No (Position in Pixels: 117 x 0)
	Security Code	*
	Background Color	0x808000
	Behavior	Startup Command
Shutdown Command		
Input Field Not Selected Text Color		0x0
Input Field Not Selected Fill Color		0xA0A0A0
Input Field Selected Text Color		0xFFFFFFFF
Input Field Selected Fill Color		0x800000
Beep on Press of Interactive Object		No
Highlight when Cursor Passes Over Interactive Objects		Yes Highlight Color: 0xFFFFFFFF
Highlight Color of Objects with Input Focus		0xFF00
Display On-screen Keyboard		No

2.3.1.2 Animated Display Objects

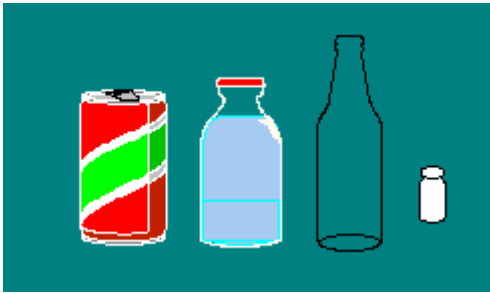
Object Name	Grouping	X	Y	Property	Expression
Group10	++Group10	13	388		
Group7	++Group7	144	388		
Rectangle		144	388	Rectangle: Color Control	if system\AlarmSummary\ItemsUnacked then 2 else if

5/5/2019		Graphics_Library_Alarm Information.html			
					system\AlarmSummaryItems then 1 else 0
NumericDisplay1		280	390	Numeric Display	system\AlarmSummaryItems
StringDisplay1		431	390	String Display	system\AlarmStatus
Group7	+-Group7				
Group10	+-Group10				
Group2	++Group2	11	425		
Button1		11	425	Button: "Alarmon": Touch Control: Release Action	Alarmon
Button2		86	425	Button: "Alarmoff": Touch Control: Release Action	Alarmoff
Button3		169	425	Button: "AcknowledgeAll": Touch Control: Release Action	Acknowledgeall
Group2	+-Group2				
Group9	++Group9	41	352		
Group6	++Group6	141	352		
Rectangle		141	352	Rectangle: Color Control	if system\AlarmSummaryItemsUnacked then 2 else if system\AlarmSummaryItems then 1 else 0
StringDisplay2		148	353	String Display	system\AlarmBanner
StringDisplay3		602	353	String Display	system\AlarmStatus
Group6	+-Group6				
Group9	+-Group9				

2.3.1.3 Database Tags Used by the Component

Tag Name	Tag Type	Tag Description
system\AlarmBanner	String	Alarm banner: Information on most recent alarm
system\AlarmStatus	String	Alarm status: number of suppressed and unacknowledged Alarms
system\AlarmSummaryItems	Analog	Number of Alarms
system\AlarmSummaryItemsUnacked	Analog	Number of unacknowledged Alarms

2.3.2 Graphics\Library\Bottles



Section	Option	Selection
Properties	Display Type	Overlay
	Allow Multiple Running Copies	No
	Cache after Displaying	No
	Title Bar	Yes
	System Menu	Yes
	Minimize Button	Yes
	Maximize Button	No
	Size to Main Window at Runtime	No
	Show last Acquired Value	Yes
	Use Current Size	Yes
	Allow Display to be Resized	Yes: When Resized - Scale
	Use Current Position	No (Position in Pixels: 753 x 0)
	Security Code	*
	Background Color	0x808000
	Startup Command	
	Shutdown Command	
Behavior	Input Field Not Selected Text Color	0x0
	Input Field Not Selected Fill Color	0xC0C0C0
	Input Field Selected Text Color	0xFFFFFFFF
	Input Field Selected Fill Color	0x800000
	Beep on Press of Interactive Object	No
	Highlight when Cursor Passes Over Interactive Objects	Yes Highlight Color: 0x0
	Highlight Color of Objects with Input Focus	0xFF00
	Display On-screen Keyboard	No

2.3.3 Graphics\Library\Buttons - Industrial



2.3.3.1 Display Settings

Section	Option	Selection
Properties	Display Type	Overlay
	Allow Multiple Running Copies	No
	Cache after Displaying	No
	Title Bar	Yes
	System Menu	Yes
	Minimize Button	Yes
	Maximize Button	Yes
	Size to Main Window at Runtime	No
	Show last Acquired Value	No
	Use Current Size	No (Size in Pixels: 469 x 622)
	Allow Display to be Resized	Yes: When Resized - Pan
	Use Current Position	No (Position in Pixels: 497 x 0)
	Security Code	*
	Background Color	0x808000
	Startup Command	
Behavior		

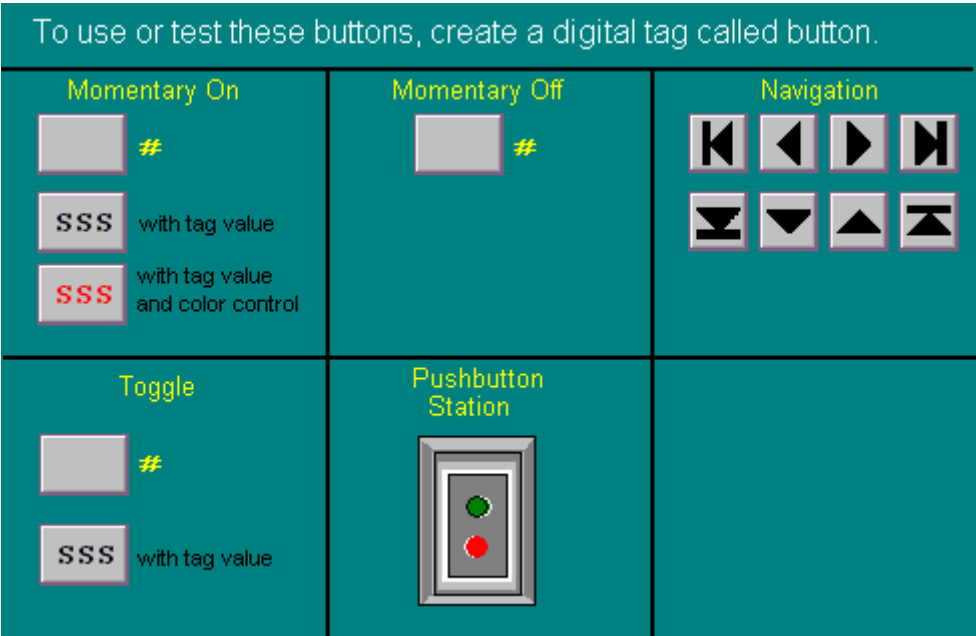
Shutdown Command	
Input Field Not Selected Text Color	0x0
Input Field Not Selected Fill Color	0xFFFFFF
Input Field Selected Text Color	0xFFFFFF
Input Field Selected Fill Color	0xFFFFFF
Beep on Press of Interactive Object	No
Highlight when Cursor Passes Over Interactive Objects	Yes Highlight Color: 0x0
Highlight Color of Objects with Input Focus	0xFF00
Display On-screen Keyboard	No

2.3.3.2 Animated Display Objects

Object Name	Grouping	X	Y	Property	Expression
Group40	++Group40	257	442		
Group40		257	442	Group: Touch Control: Press Action	toggle button
Group39	++Group39	267	442		
Group39		267	442	Group: Rotation Control	button
Group39	+-Group39				
Group40	+-Group40				
Group42	++Group42	257	528		
Group42		257	528	Group: Touch Control: Press Action	toggle button
Group41	++Group41	268	530		
Group41		268	530	Group: Rotation Control	button
Group41	+-Group41				
Group42	+-Group42				
Group63	++Group63	126	454		
Group60	++Group60	145	483		
Group60		145	483	Group: Visibility Control	button
Group59	++Group59	147	527		
Group59		147	527	Group: Touch Control: Press Action	button = 0
Group59	+-Group59				
Group60	+-Group60				
Group62	++Group62	146	484		
Group62		146	484	Group: Visibility Control	button
Group61	++Group61	148	490		
Group61		148	490	Group: Touch Control: Press Action	button = 1
Group61	+-Group61				
Group62	+-Group62				
Group63	+-Group63				
Group65	++Group65	359	443		
Group64	++Group64	359	460		
Group64		359	460	Group: Rotation Control	button
				Group: Touch Control: Press Action	toggle button
Group64	+-Group64				
Group65	+-Group65				
Group70	++Group70	32	431		
Group67	++Group67	32	432		
Group67		32	432	Group: Visibility Control	button
Group66	++Group66	34	438		
Group66		34	438	Group: Touch Control: Press Action	button = 1
Group66	+-Group66				

Group67	+-Group67				
Group69	++Group69	32	431		
Group69		32	431	Group: Visibility Control	button
Group68	++Group68	34	475		
Group68		34	475	Group: Touch Control: Press Action	button = 0
Group68	+-Group68				
Group69	+-Group69				
Group70	+ -Group70				
Group75	++Group75	11	540		
Group72	++Group72	11	540		
Group72		11	540	Group: Visibility Control	button
Rectangle		53	542	Rectangle: Touch Control: Press Action	button = 1
Group72	+-Group72				
Group74	++Group74	11	540		
Group74		11	540	Group: Visibility Control	button
Rectangle		14	542	Rectangle: Touch Control: Press Action	button = 0
Group74	+-Group74				
Group75	+ -Group75				
Group94	++Group94	242	180		
Group93	++Group93	247	184		
Group93		247	184	Group: Color Control	0
Group93	+-Group93				
Group94	+ -Group94				

2.3.4 Graphics\Library\Buttons - Windows



2.3.4.1 Display Settings

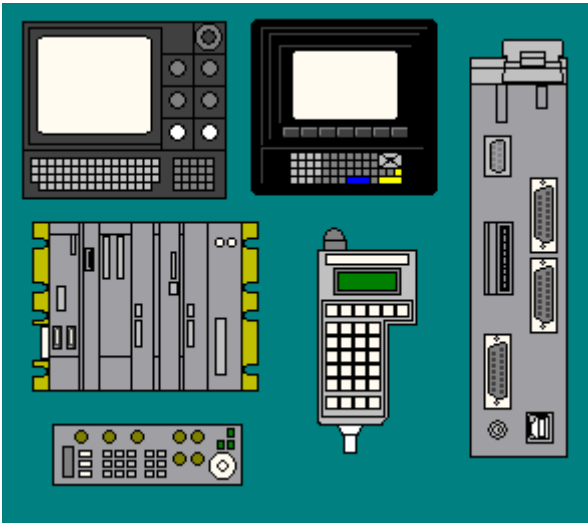
Section	Option	Selection
Properties	Display Type	Overlay
	Allow Multiple Running Copies	No
	Cache after Displaying	No
	Title Bar	Yes
	System Menu	Yes
	Minimize Button	Yes
	Maximize Button	Yes
	Size to Main Window at Runtime	No
	Show last Acquired Value	Yes
	Use Current Size	No (Size in Pixels: 488 x 317)
	Allow Display to be Resized	Yes: When Resized - Scale
	Use Current Position	No (Position in Pixels: 585 x 0)
	Security Code	*
	Background Color	0x808000
	Startup Command	
	Shutdown Command	
Behavior	Input Field Not Selected Text Color	0x0
	Input Field Not Selected Fill Color	0xFFFFFFFF
	Input Field Selected Text Color	0xFFFFFFFF
	Input Field Selected Fill Color	0xFFFFFFFF
	Beep on Press of Interactive Object	No
	Highlight when Cursor Passes Over Interactive Objects	No
	Highlight Color of Objects with Input Focus	0xFF00
	Display On-screen Keyboard	No

2.3.4.2 Animated Display Objects

Object Name	Grouping	X	Y	Property	Expression
NumericDisplay1		69	65	Numeric Display	button
Button1		18	55	Button Momentary On	button

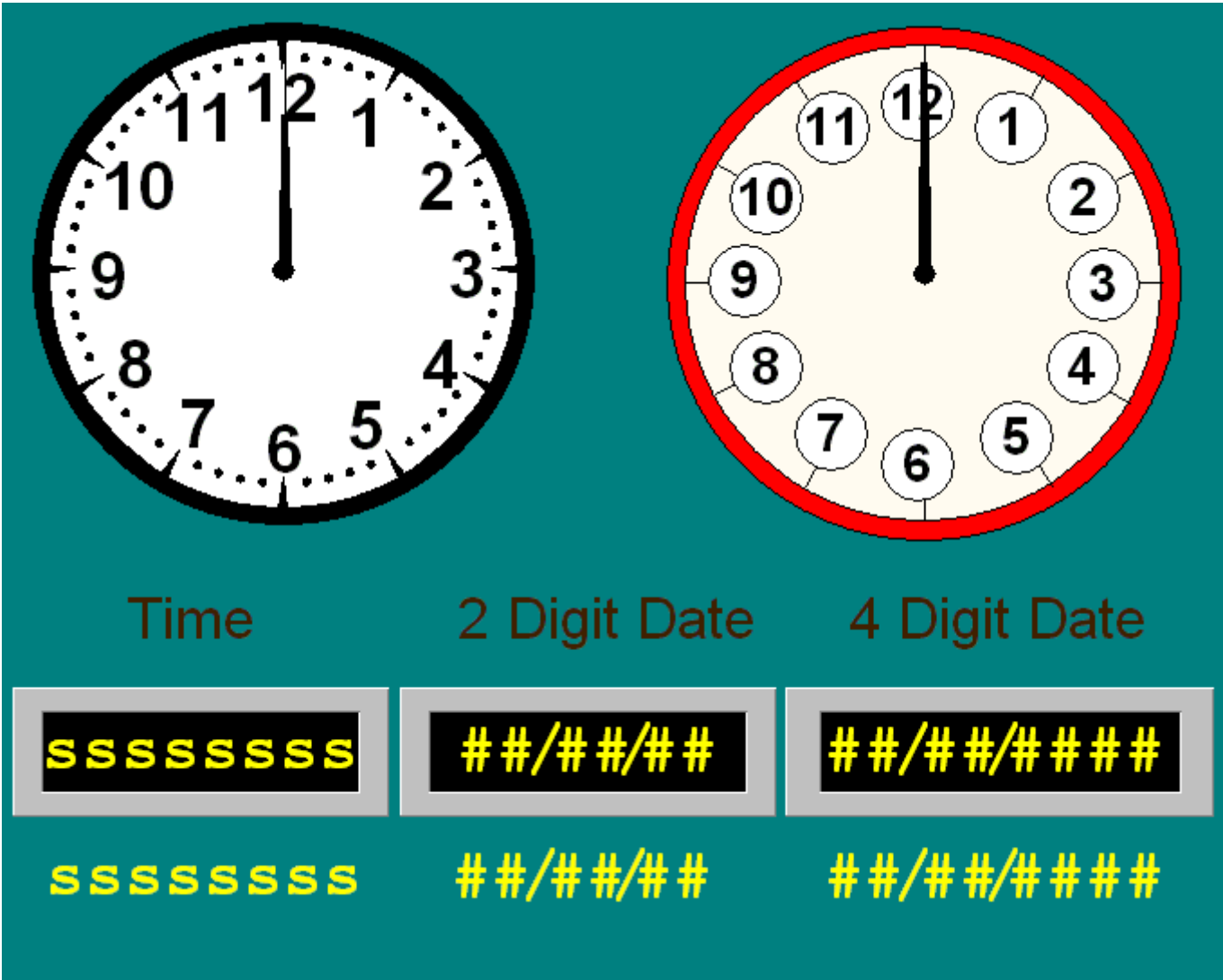
Button2		206	55	Button Momentary Off	button
NumericDisplay2		256	65	Numeric Display	button
Group1	++Group1	18	94		
Button3		18	94	Button Momentary On	button
Label1		27	101	Label: Status	button
Group1	+-Group1				
Group2	++Group2	18	130		
Button4		18	130	Button Momentary On	button
Label2		27	137	Label: Status	button
				Label: Color Control	button
Group2	+-Group2				
Button5		19	215	Button Toggle	button
				Button Toggle: Touch Control: Press Action	Toggle button
NumericDisplay3		69	223	Numeric Display	button
Group3	++Group3	19	260		
Button6		19	260	Button Toggle	button
				Button Toggle: Touch Control: Press Action	Toggle button
Label3		28	267	Label: Status	button
Group3	+-Group3				
Group4	++Group4	208	216		
Group4		208	216	Group: Touch Control: Press Action	toggle button
Ellipse		232	266	Elipse: Color Control	button
Ellipse		232	246	Elipse: Color Control	button
Group4	+-Group4				

2.3.5 Graphics\Library\CNC Equipment



Section	Option		Selection	
	Display Type		Overlay	
Properties	Allow Multiple Running Copies		No	
	Cache after Displaying		No	
	Title Bar		Yes	
	System Menu		Yes	
	Minimize Button		Yes	
	Maximize Button		No	
	Size to Main Window at Runtime		No	
	Show last Acquired Value		Yes	
	Use Current Size		No (Size in Pixels: 294 x 261)	
	Allow Display to be Resized		Yes: When Resized - Scale	
	Use Current Position		No (Position in Pixels: 750 x 0)	
	Security Code		*	
	Background Color		0x808000	
	Startup Command			
Behavior	Shutdown Command			
	Input Field Not Selected Text Color		0x0	
	Input Field Not Selected Fill Color		0xFFFFFFFF	
	Input Field Selected Text Color		0xFFFFFFFF	
	Input Field Selected Fill Color		0x800000	
	Beep on Press of Interactive Object		No	
	Highlight when Cursor Passes Over Interactive Objects		Yes Highlight Color: 0x0	
	Highlight Color of Objects with Input Focus		0xFF00	
	Display On-screen Keyboard		No	

2.3.6 Graphics\Library\Clocks



2.3.6.1 Display Settings

Section	Option	Selection
Properties	Display Type	Overlay
	Allow Multiple Running Copies	No
	Cache after Displaying	No
	Title Bar	Yes
	System Menu	Yes
	Minimize Button	Yes
	Maximize Button	No
	Size to Main Window at Runtime	No
	Show last Acquired Value	Yes
	Use Current Size	No (Size in Pixels: 680 x 544)
	Allow Display to be Resized	Yes: When Resized - Scale
	Use Current Position	No (Position in Pixels: 392 x 0)
	Security Code	*
	Background Color	0x808000
	Startup Command	
	Shutdown Command	
Behavior	Input Field Not Selected Text Color	0x0
	Input Field Not Selected Fill Color	0xC0C0C0
	Input Field Selected Text Color	0xFFFFF

Input Field Selected Fill Color	0x800000
Beep on Press of Interactive Object	No
Highlight when Cursor Passes Over Interactive Objects	Yes Highlight Color: 0x0
Highlight Color of Objects with Input Focus	0xFF00
Display On-screen Keyboard	No

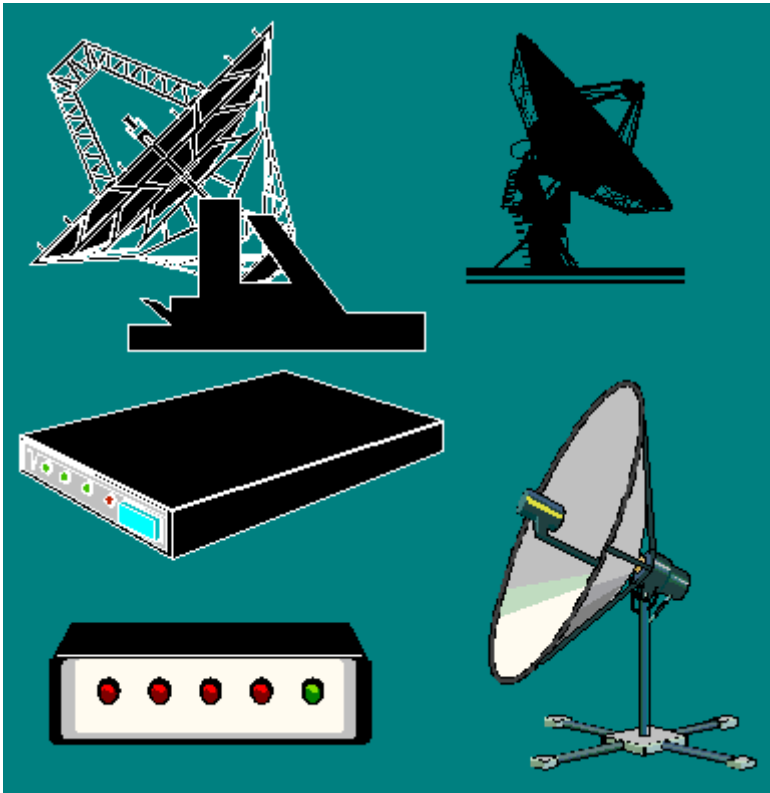
2.3.6.2 Animated Display Objects

Object Name	Grouping	X	Y	Property	Expression
Group25	++Group25	17	11		
Polygon		154	62	Polygon: Rotation Control	system\minute
Polygon		154	80	Polygon: Rotation Control	if system\hour >= 12 then (system\hour - 12 + (system\minute/60)) else (system\hour + (system\minute/60))
Group1	++Group1	154	21		
Group1		154	21	Group: Rotation Control	system\second
Group1	+-Group1				
Group25	+-Group25				
Group15	++Group15	369	13		
Polygon		509	33	Polygon: Rotation Control	system\minute
Polygon		509	55	Polygon: Rotation Control	if system\hour >= 12 then ((system\hour * 10) - 120 + (system\minute / 6)) else ((system\hour * 10) + (system\minute / 6))
Group15	+-Group15				
Group19	++Group19	6	380		
StringDisplay1		22	395	String Display	system\Time
Group19	+-Group19				
StringDisplay2		24	465	String Display	system\Time
Group24	++Group24	221	380		
Group23	++Group23	252	395		
NumericDisplay1		252	397	Numeric Display	system\Month
NumericDisplay2		305	397	Numeric Display	system\DayOfMonth
NumericDisplay3		353	397	Numeric Display	system\year mod 100
Group23	+-Group23				
Group24	+-Group24				
Group26	++Group26	249	465		
NumericDisplay7		249	467	Numeric Display	system\Month
NumericDisplay8		302	467	Numeric Display	system\DayOfMonth
NumericDisplay9		350	467	Numeric Display	system\year mod 100
Group26	+-Group26				
Group31	++Group31	435	380		
Group33	++Group33	456	395		
NumericDisplay16		456	397	Numeric Display	system\Month
NumericDisplay17		509	397	Numeric Display	system\DayOfMonth
NumericDisplay18		557	397	Numeric Display	system\year
Group33	+-Group33				
Group31	+-Group31				
Group34	++Group34	456	465		
NumericDisplay19		456	467	Numeric Display	system\Month
NumericDisplay20		509	467	Numeric Display	system\DayOfMonth
NumericDisplay21		557	467	Numeric Display	system\year
Group34	+-Group34				

2.3.6.3 Database Tags Used by the Component

Tag Name	Tag Type	Tag Description
system\DayOfMonth	Analog	Day of Month
system\hour	Analog	Hour of day (0 - 23)
system\minute	Analog	Minutes (0 - 59)
system\Month	Analog	Month
system\second	Analog	Seconds (0 - 59)
system\Time	String	System time string
system\year	Analog	Year

2.3.7 Graphics\Library\Communication - Equipment



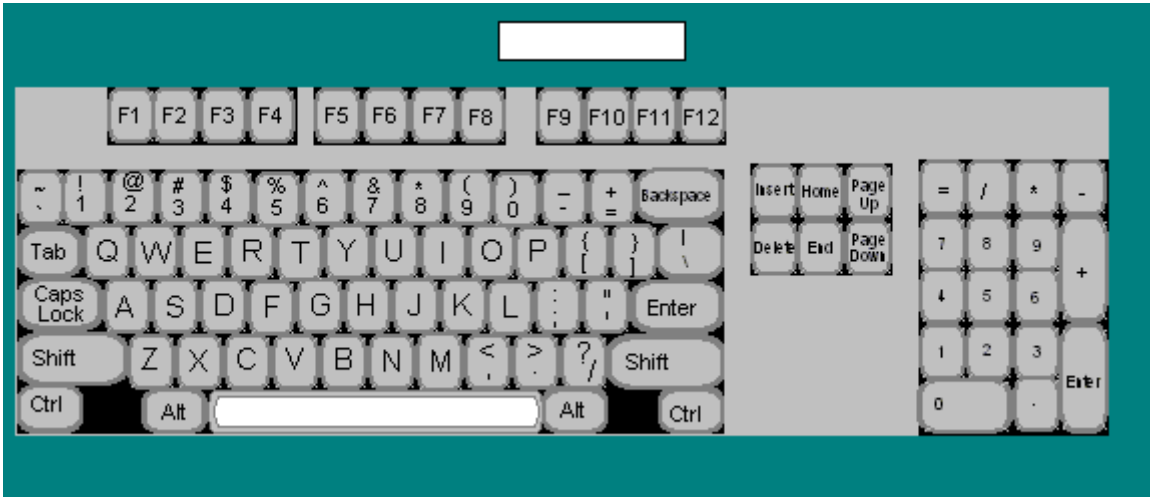
Section
Properties

Option	Selection
Display Type	Overlay
Allow Multiple Running Copies	No
Cache after Displaying	No
Title Bar	Yes
System Menu	Yes
Minimize Button	Yes
Maximize Button	No
Size to Main Window at Runtime	No
Show last Acquired Value	No
Use Current Size	No (Size in Pixels: 384 x 396)
Allow Display to be Resized	Yes: When Resized - Scale
Use Current Position	No (Position in Pixels: 581 x 0)
Security Code	*
Background Color	0x808000

Behavior

Startup Command	
Shutdown Command	
Input Field Not Selected Text Color	0x0
Input Field Not Selected Fill Color	0xC0C0C0
Input Field Selected Text Color	0xFFFFFFFF
Input Field Selected Fill Color	0x800000
Beep on Press of Interactive Object	No
Highlight when Cursor Passes Over Interactive Objects	Yes Highlight Color: 0x0
Highlight Color of Objects with Input Focus	0xFF00
Display On-screen Keyboard	No

2.3.8 Graphics\Library\Computer - Keyboard



2.3.8.1 Display Settings

Section	Option	Selection
Properties	Display Type	Overlay
	Allow Multiple Running Copies	No
	Cache after Displaying	No
	Title Bar	Yes
	System Menu	Yes
	Minimize Button	Yes
	Maximize Button	Yes
	Size to Main Window at Runtime	No
	Show last Acquired Value	No
	Use Current Size	No (Size in Pixels: 574 x 248)
	Allow Display to be Resized	Yes: When Resized - Pan
	Use Current Position	No (Position in Pixels: 413 x 0)
	Security Code	*
	Background Color	0x808000
	Startup Command	
	Shutdown Command	
Behavior	Input Field Not Selected Text Color	0x0
	Input Field Not Selected Fill Color	0xFFFFFFFF
	Input Field Selected Text Color	0xFFFFFFFF
	Input Field Selected Fill Color	0x800000
	Beep on Press of Interactive Object	No
	Highlight when Cursor Passes Over Interactive Objects	Yes Highlight Color: 0xFFFFFFFF
	Highlight Color of Objects with Input Focus	0xFF00
	Display On-screen Keyboard	No

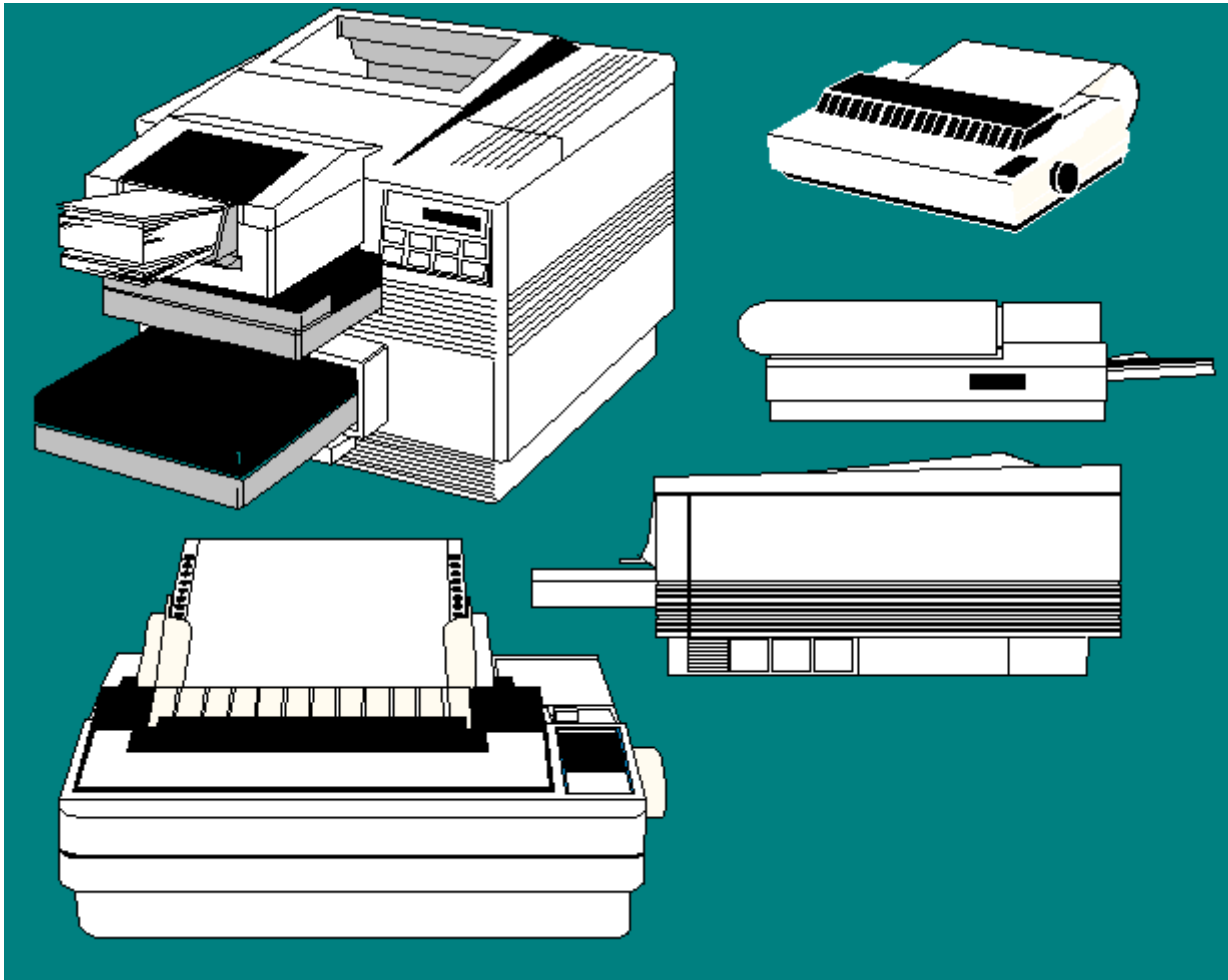
2.3.8.2 Animated Display Objects

Object Name	Grouping	X	Y	Property	Expression
StringInput1		247	9	String Input	tag1
Group84	++Group84	6	42		
Group14	++Group14	98	137		
Group14		98	137	Group: Touch Control: Press Action	sendkeys "D"
Group14	+-Group14				

Text1		69	169	Text: "Z": Touch Control: Press Action	sendkeys "Z"
Text2		93	170	Text: "X": Touch Control: Press Action	sendkeys "X"
Text3		116	169	Text: "C": Touch Control: Press Action	sendkeys "C"
Text4		141	169	Text: "V": Touch Control: Press Action	sendkeys "V"
Text5		165	169	Text: "B": Touch Control: Press Action	sendkeys "B"
Text6		189	170	Text: "N": Touch Control: Press Action	sendkeys "N"
Text7		213	170	Text: "M": Touch Control: Press Action	sendkeys "M"
Text12		286	166	Text: "?": Touch Control: Press Action	sendkeys "?"
Text13		292	175	Text: "/": Touch Control: Press Action	sendkeys "/"
Text14		56	143	Text: "A": Touch Control: Press Action	sendkeys "A"
Text15		81	143	Text: "S": Touch Control: Press Action	sendkeys "S"
Text16		105	142	Text: "D": Touch Control: Press Action	sendkeys "D"
Text17		130	143	Text: "F": Touch Control: Press Action	sendkeys "F"
Text18		153	142	Text: "G": Touch Control: Press Action	sendkeys "G"
Text19		176	142	Text: "H": Touch Control: Press Action	sendkeys "H"
Text20		202	142	Text: "J": Touch Control: Press Action	sendkeys "J"
Text21		224	142	Text: "K": Touch Control: Press Action	sendkeys "K"
Text22		249	143	Text: "L": Touch Control: Press Action	sendkeys "L"
Group22	++Group22	102	193		
Group22		102	193	Group: Touch Control: Press Action	sendkeys " "
Group22	+-Group22				
Text31		69	116	Text: "W": Touch Control: Press Action	sendkeys "W"
Text32		95	116	Text: "E": Touch Control: Press Action	sendkeys "E"
Text33		119	115	Text: "R": Touch Control: Press Action	sendkeys "R"
Text34		144	116	Text: "T": Touch Control: Press Action	sendkeys "T"
Text35		167	115	Text: "Y": Touch Control: Press Action	sendkeys "Y"
Text36		190	115	Text: "U": Touch Control: Press Action	sendkeys "U"
Text37		218	116	Text: "I": Touch Control: Press Action	sendkeys "I"
Text38		238	115	Text: "O": Touch Control: Press Action	sendkeys "O"
Text39		262	115	Text: "P": Touch Control: Press Action	sendkeys "P"
Text44		46	115	Text: "Q": Touch Control: Press Action	sendkeys "Q"
Text47		61	93	Text: "2": Touch Control: Press Action	sendkeys "2"
Text48		85	95	Text: "3": Touch Control: Press Action	sendkeys "3"
Text49		109	94	Text: "4": Touch Control: Press Action	sendkeys "4"
Text50		134	95	Text: "5": Touch Control: Press Action	sendkeys "5"
Text51		157	94	Text: "6": Touch Control: Press Action	sendkeys "6"
Text52		182	94	Text: "7": Touch Control: Press Action	sendkeys "7"
Text53		206	94	Text: "8": Touch Control: Press Action	sendkeys "8"
Text54		229	95	Text: "9": Touch Control: Press Action	sendkeys "9"
Text55		252	96	Text: "0": Touch Control: Press Action	sendkeys "0"
Text60		37	93		sendkeys "1"

				Text: "1": Touch Control: Press Action	
Text77		14	117	Text: "Tab": Touch Control: Press Action	sendkeys "{TAB}"
Text79		322	145	Text: "Enter": Touch Control: Press Action	sendkeys "{ENTER}"
Text80		58	49	Text: "F1": Touch Control: Press Action	sendkeys "{F1}"
Text81		80	49	Text: "F2": Touch Control: Press Action	sendkeys "{F2}"
Text82		104	49	Text: "F3": Touch Control: Press Action	sendkeys "{F3}"
Text83		128	49	Text: "F4": Touch Control: Press Action	sendkeys "{F4}"
Text84		161	49	Text: "F5": Touch Control: Press Action	sendkeys "{F5}"
Text85		185	49	Text: "F6": Touch Control: Press Action	sendkeys "{F6}"
Text86		210	49	Text: "F7": Touch Control: Press Action	sendkeys "{F7}"
Text87		233	50	Text: "F8": Touch Control: Press Action	sendkeys "{F8}"
Text88		272	50	Text: "F9": Touch Control: Press Action	sendkeys "{F9}"
Text89		293	50	Text: "F10": Touch Control: Press Action	sendkeys "{F10}"
Text90		317	50	Text: "F11": Touch Control: Press Action	sendkeys "{F11}"
Text91		340	50	Text: "F12": Touch Control: Press Action	sendkeys "{F12}"
Text92		375	88	Text: "Insert": Touch Control: Press Action	sendkeys "{INSERT}"
Text93		398	89	Text: "Home": Touch Control: Press Action	sendkeys "{HOME}"
Text94		423	86	Text: "Page": Touch Control: Press Action	sendkeys "{PGUP}"
Text96		374	117	Text: "Delete": Touch Control: Press Action	sendkeys "{DEL}"
Text97		401	117	Text: "End": Touch Control: Press Action	sendkeys "{END}"
Text98		423	113	Text: "Page": Touch Control: Press Action	sendkeys "{PGDN}"
Group83	++Group83	456	78		
Text100		488	87	Text: "/": Touch Control: Press Action	Sendkeys "/"
Text101		513	88	Text: "***": Touch Control: Press Action	Sendkeys "***"
Text102		537	87	Text: "-": Touch Control: Press Action	Sendkeys "-"
Text103		467	115	Text: "7": Touch Control: Press Action	Sendkeys "7"
Text104		489	115	Text: "8": Touch Control: Press Action	Sendkeys "8"
Text105		514	116	Text: "9": Touch Control: Press Action	Sendkeys "9"
Text106		536	127	Text: "+": Touch Control: Press Action	Sendkeys "+"
Text107		466	141	Text: "4": Touch Control: Press Action	Sendkeys "4"
Text108		489	141	Text: "5": Touch Control: Press Action	Sendkeys "5"
Text109		513	142	Text: "6": Touch Control: Press Action	Sendkeys "6"
Text110		466	169	Text: "1": Touch Control: Press Action	Sendkeys "1"
Text111		489	168	Text: "2": Touch Control: Press Action	Sendkeys "2"
Text112		514	169	Text: "3": Touch Control: Press Action	Sendkeys "3"
Text113		465	195	Text: "0": Touch Control: Press Action	Sendkeys "0"
Text114		513	190	Text: ".": Touch Control: Press Action	Sendkeys "."
Text115		530	184	Text: "Enter": Touch Control: Press Action	sendkeys "{ENTER}"
Text116		467	86	Text: "=": Touch Control: Press Action	Sendkeys "="
Group83	+-Group83				
Group84	+ -Group84				

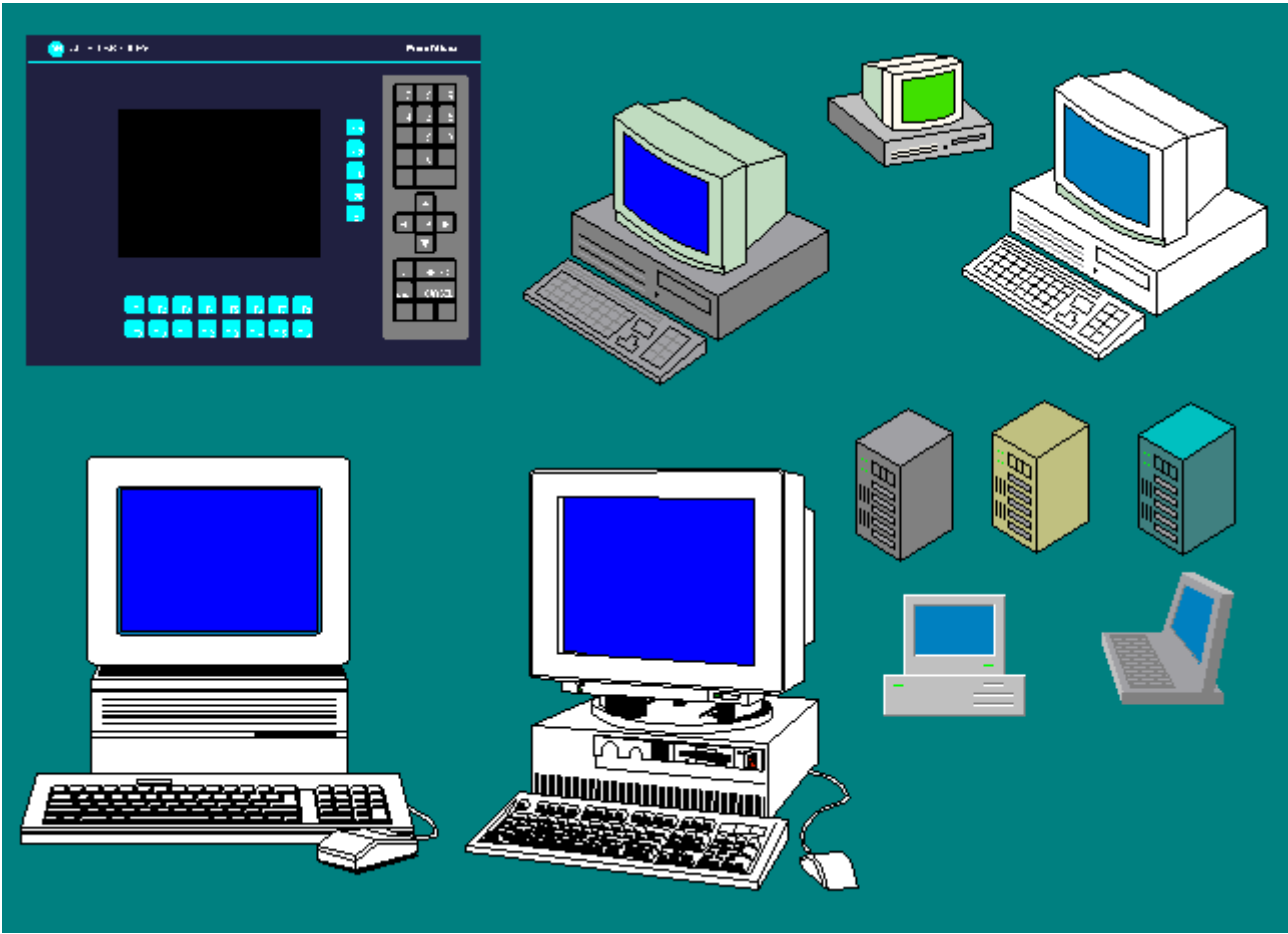
2.3.9 Graphics\Library\Computer - Printers



Section	Option	Selection
Properties	Display Type	Overlay
	Allow Multiple Running Copies	No
	Cache after Displaying	No
	Title Bar	Yes
	System Menu	Yes
	Minimize Button	Yes
	Maximize Button	No
	Size to Main Window at Runtime	No
	Show last Acquired Value	Yes
	Use Current Size	No (Size in Pixels: 612 x 489)
	Allow Display to be Resized	Yes: When Resized - Scale
	Use Current Position	No (Position in Pixels: 400 x 0)
	Security Code	*
	Background Color	0x808000
	Startup Command	
	Shutdown Command	
Behavior	Input Field Not Selected Text Color	0x0
	Input Field Not Selected Fill Color	0xC0C0C0
	Input Field Selected Text Color	0xFFFFFFFF
	Input Field Selected Fill Color	0x800000
	Beep on Press of Interactive Object	No
	Highlight when Cursor Passes Over Interactive Objects	Yes Highlight Color: 0x0
	Highlight Color of Objects with Input Focus	0xFF00
	Display On-screen Keyboard	No

2.3.10 Graphics\Library\Computer - Workstations

Computer



2.3.10.1 Display Settings

Section	Option	Selection
Properties	Display Type	Overlay
	Allow Multiple Running Copies	No
	Cache after Displaying	No
	Title Bar	Yes "Computer"
	System Menu	Yes
	Minimize Button	Yes
	Maximize Button	Yes
	Size to Main Window at Runtime	No
	Show last Acquired Value	No
	Use Current Size	No (Size in Pixels: 644 x 465)
	Allow Display to be Resized	Yes: When Resized - Pan
	Use Current Position	No (Position in Pixels: 469 x 0)
	Security Code	*
	Background Color	0x808000
	Startup Command	
	Shutdown Command	
Behavior	Input Field Not Selected Text Color	0x0
	Input Field Not Selected Fill Color	0xA0A0A0
	Input Field Selected Text Color	0xFFFFFFFF
	Input Field Selected Fill Color	0x800000
	Beep on Press of Interactive Object	No
		Yes Highlight Color: 0x0

Highlight when Cursor Passes Over Interactive Objects	Yes
Highlight Color of Objects with Input Focus	0xFF00
Display On-screen Keyboard	No

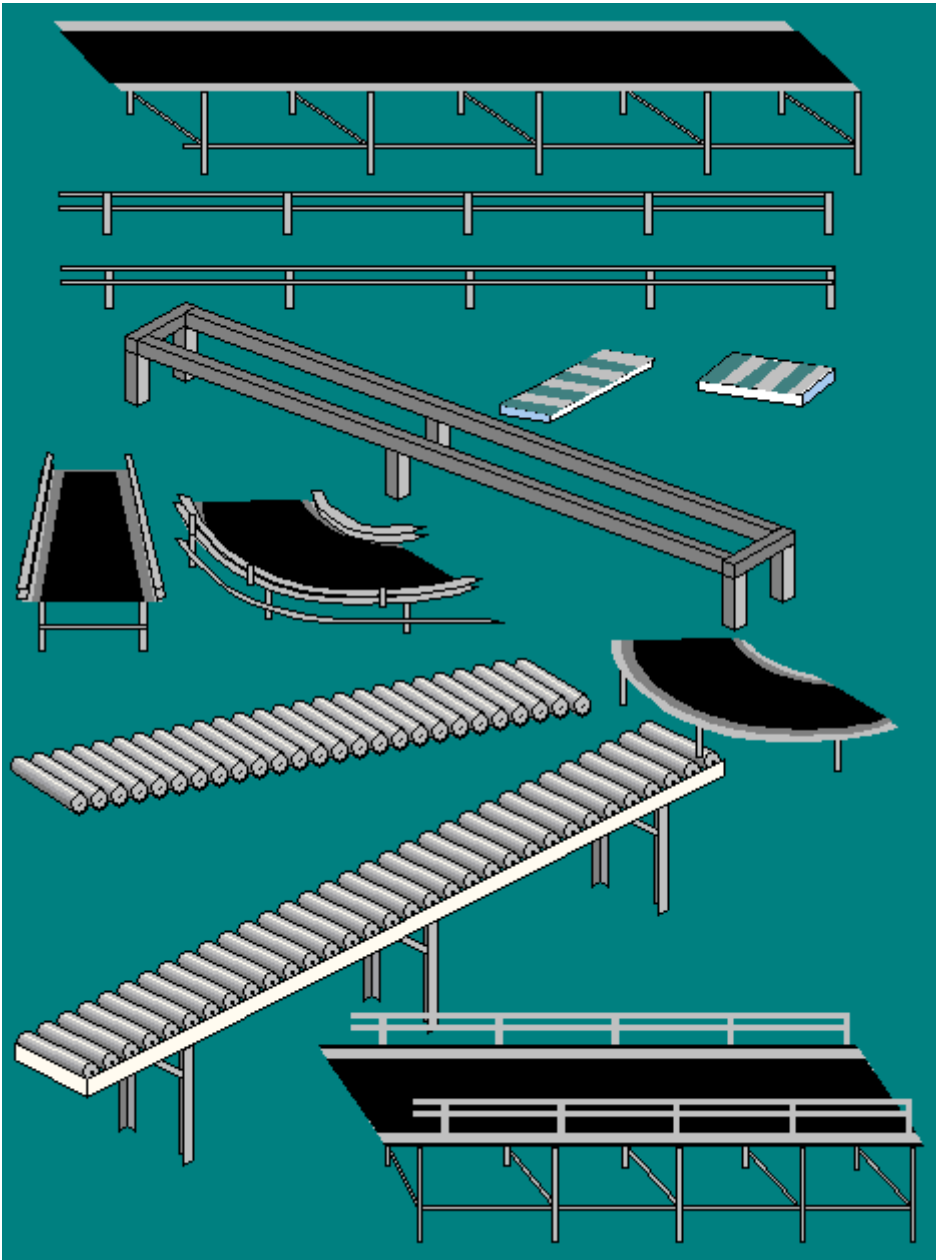
2.3.10.2 Animated Display Objects

Object Name	Grouping	X	Y	Property	Expression
Group51	++Group51	412	25		
Group48	++Group48	412	38		
Group44	++Group44	425	45		
Group42	++Group42	425	45		
Group41	++Group41	431	50		
Group38	++Group38	432	50		
Group38		432	50	Group: Visibility Control	system\BlinkFast
Group38	+-Group38				
Group40	++Group40	432	50		
Group40		432	50	Group: Visibility Control	system\BlinkFast
Group40	+-Group40				
Group41	+-Group41				
Group42	+-Group42				
Group44	+-Group44				
Group48	+-Group48				
Group51	+-Group51				

2.3.10.3 Database Tags Used by the Component

Tag Name	Tag Type	Tag Description
system\BlinkFast	Digital	Changes every 100 ms

2.3.11 Graphics\Library\Conveyor parts



2.3.11.1 Display Settings

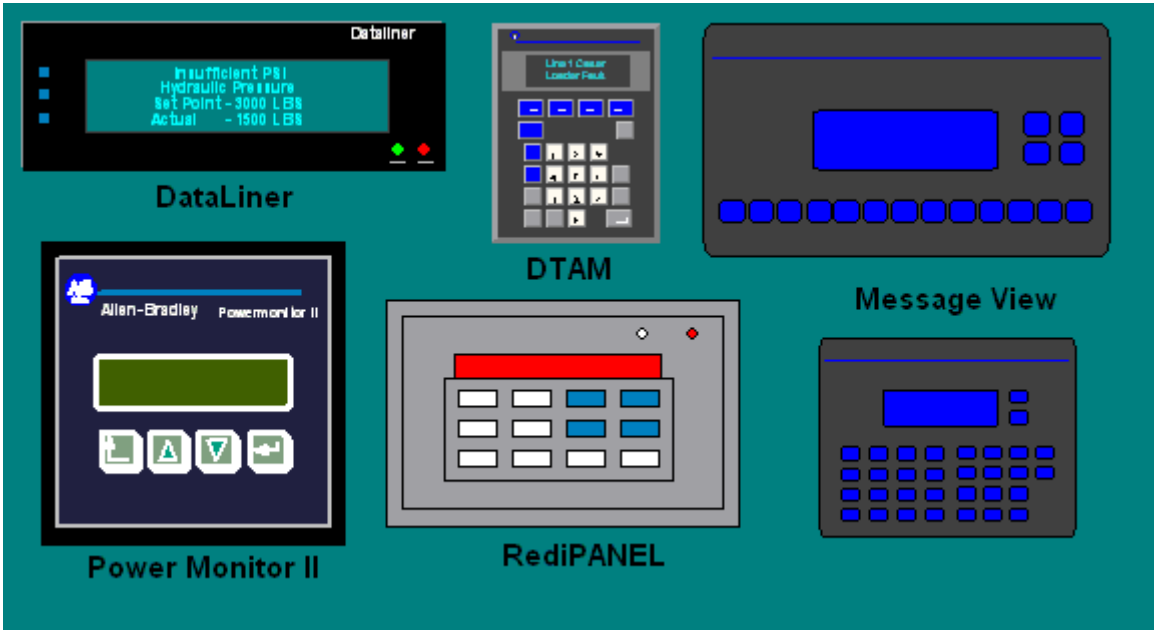
Section	Option	Selection
Properties	Display Type	Overlay
	Allow Multiple Running Copies	No
	Cache after Displaying	No
	Title Bar	Yes
	System Menu	Yes
	Minimize Button	Yes
	Maximize Button	Yes
	Size to Main Window at Runtime	No
	Show last Acquired Value	No
	Use Current Size	No (Size in Pixels: 468 x 629)
	Allow Display to be Resized	Yes: When Resized - Pan
	Use Current Position	No (Position in Pixels: 550 x 0)
	Security Code	*
	Background Color	0x808000
	Startup Command	
Behavior		

Shutdown Command	
Input Field Not Selected Text Color	0x0
Input Field Not Selected Fill Color	0xFFFFFF
Input Field Selected Text Color	0xFFFFFF
Input Field Selected Fill Color	0x0
Beep on Press of Interactive Object	No
Highlight when Cursor Passes Over Interactive Objects	Yes Highlight Color: 0x0
Highlight Color of Objects with Input Focus	0xFF00
Display On-screen Keyboard	No

2.3.11.2 Animated Display Objects

Object Name	Grouping	X	Y	Property	Expression
Group176	++Group176	346	174		
Polygon		390	181	Polygon: Color Control	0
Polygon		382	180	Polygon: Color Control	0
Polygon		374	179	Polygon: Color Control	0
Polygon		365	178	Polygon: Color Control	0
Polygon		357	176	Polygon: Color Control	0
Polygon		348	175	Polygon: Color Control	0
Group176	+-Group176				
Group177	++Group177	248	173		
Polygon		249	197	Polygon: Color Control	0
Polygon		255	194	Polygon: Color Control	0
Polygon		262	190	Polygon: Color Control	0
Polygon		269	186	Polygon: Color Control	0
Polygon		276	183	Polygon: Color Control	0
Polygon		281	180	Polygon: Color Control	0
Polygon		288	176	Polygon: Color Control	0
Polygon		294	173	Polygon: Color Control	0
Group177	+-Group177				

2.3.12 Graphics\Library\Data Displays

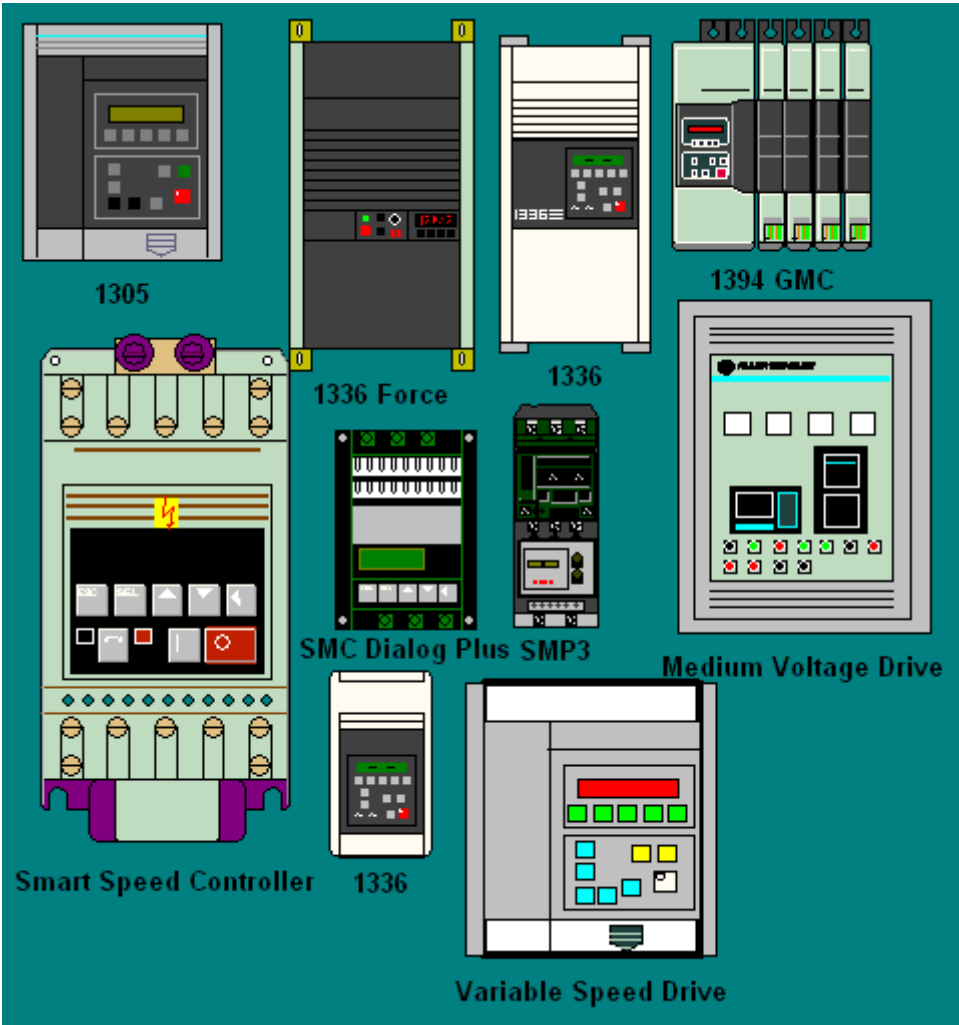


Section
Properties

Option	Selection
Display Type	Overlay
Allow Multiple Running Copies	No
Cache after Displaying	No
Title Bar	Yes
System Menu	Yes
Minimize Button	Yes
Maximize Button	No
Size to Main Window at Runtime	No
Show last Acquired Value	Yes
Use Current Size	No (Size in Pixels: 576 x 314)
Allow Display to be Resized	Yes: When Resized - Scale
Use Current Position	No (Position in Pixels: 406 x 0)
Security Code	*
Background Color	0x808000
Startup Command	
Shutdown Command	
Input Field Not Selected Text Color	0x0
Input Field Not Selected Fill Color	0xFFFFFFFF
Input Field Selected Text Color	0xFFFFFFFF
Input Field Selected Fill Color	0x800000
Beep on Press of Interactive Object	No
Highlight when Cursor Passes Over Interactive Objects	Yes Highlight Color: 0x0
Highlight Color of Objects with Input Focus	0xFF00
Display On-screen Keyboard	No

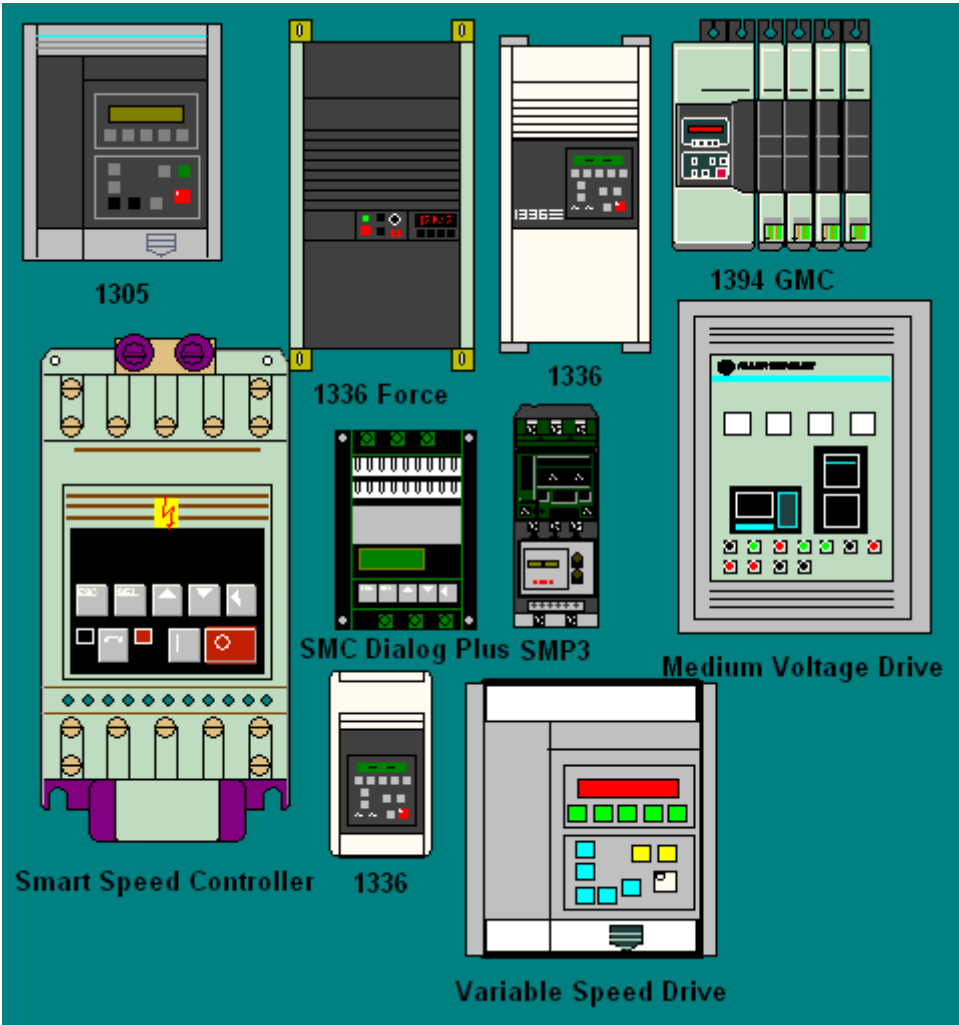
Behavior

2.3.13 Graphics\Library\Drives AB



Section	Option	Selection
Properties	Display Type	Overlay
	Allow Multiple Running Copies	No
	Cache after Displaying	No
	Title Bar	Yes
	System Menu	Yes
	Minimize Button	Yes
	Maximize Button	No
	Size to Main Window at Runtime	No
	Show last Acquired Value	Yes
	Use Current Size	No (Size in Pixels: 479 x 511)
	Allow Display to be Resized	Yes: When Resized - Scale
	Use Current Position	No (Position in Pixels: 500 x 0)
	Security Code	*
	Background Color	0x808000
	Startup Command	
	Shutdown Command	
Behavior	Input Field Not Selected Text Color	0x0
	Input Field Not Selected Fill Color	0xFFFFFF
	Input Field Selected Text Color	0xFFFFFF
	Input Field Selected Fill Color	0x800000
	Beep on Press of Interactive Object	No
	Highlight when Cursor Passes Over Interactive Objects	Yes Highlight Color: 0x0
	Highlight Color of Objects with Input Focus	0xFF00

2.3.13 Graphics\Library\Drives AB



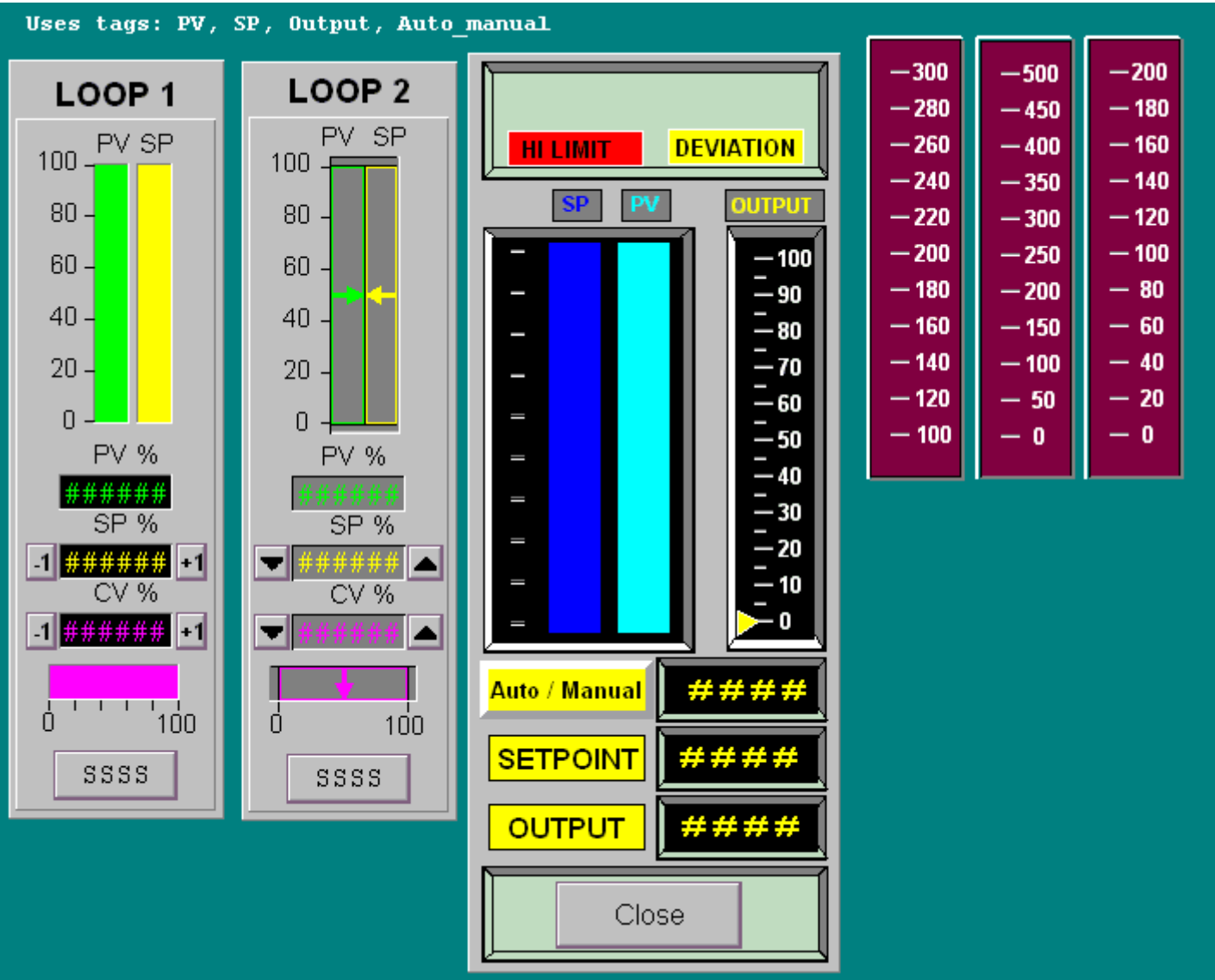
Section
Properties

Option	Selection
Display Type	Overlay
Allow Multiple Running Copies	No
Cache after Displaying	No
Title Bar	Yes
System Menu	Yes
Minimize Button	Yes
Maximize Button	No
Size to Main Window at Runtime	No
Show last Acquired Value	Yes
Use Current Size	No (Size in Pixels: 479 x 511)
Allow Display to be Resized	Yes: When Resized - Scale
Use Current Position	No (Position in Pixels: 500 x 0)
Security Code	*
Background Color	0x808000
Startup Command	
Shutdown Command	
Input Field Not Selected Text Color	0x0
Input Field Not Selected Fill Color	0xFFFFFF
Input Field Selected Text Color	0xFFFFFF
Input Field Selected Fill Color	0x800000
Beep on Press of Interactive Object	No
Highlight when Cursor Passes Over Interactive Objects	Yes Highlight Color: 0x0
Highlight Color of Objects with Input Focus	0xFF00

Behavior

2.3.14 Graphics\Library\Face Plates

LOOP



2.3.14.1 Display Settings

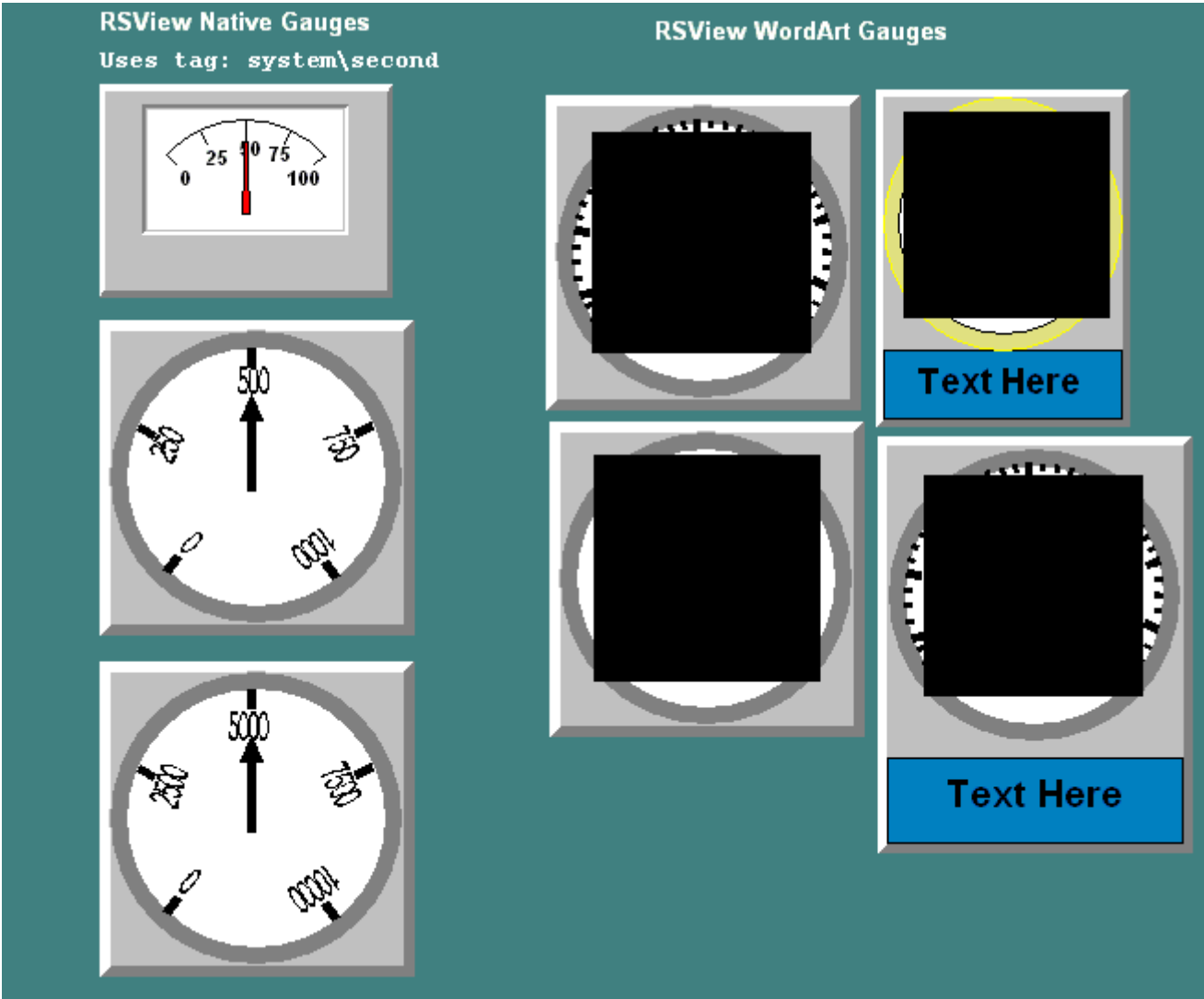
Section	Option	Selection
Properties	Display Type	Overlay
	Allow Multiple Running Copies	No
	Cache after Displaying	No
	Title Bar	Yes "LOOP"
	System Menu	Yes
	Minimize Button	No
	Maximize Button	No
	Size to Main Window at Runtime	No
	Show last Acquired Value	No
	Use Current Size	No (Size in Pixels: 705 x 567)
	Allow Display to be Resized	No
	Use Current Position	No (Position in Pixels: 495 x 0)
	Security Code	*
	Background Color	0x808000
Behavior	Startup Command	
	Shutdown Command	

Input Field Not Selected Text Color	0x0
Input Field Not Selected Fill Color	0xC0C0C0
Input Field Selected Text Color	0xC0C0C0
Input Field Selected Fill Color	0xC0C0C0
Beep on Press of Interactive Object	No
Highlight when Cursor Passes Over Interactive Objects	Yes Highlight Color: 0x0
Highlight Color of Objects with Input Focus	0xFF00
Display On-screen Keyboard	No

2.3.14.2 Animated Display Objects

Object Name	Grouping	X	Y	Property	Expression
Group56	++Group56	5	33		
Rectangle		55	94	Rectangle: Fill Control	PV
Rectangle		80	94	Rectangle: Fill Control	SP
Rectangle		29	384	Rectangle: Fill Control	CV
NumericDisplay1		37	274	Numeric Display	PV
NumericDisplay2		37	314	Numeric Display	SP
NumericDisplay3		36	354	Numeric Display	CV
Button1		31	433	Button Toggle	auto_manual
Label1		47	437	Label: Status	auto_manual
Button2		15	313	Button: "-1": Touch Control: Release Action	SP=SP-1
Button3		102	313	Button: "+1": Touch Control: Release Action	SP=SP+1
Button4		102	353	Button: "+1": Touch Control: Release Action	CV=CV+1
Button5		15	353	Button: "-1": Touch Control: Release Action	CV=CV-1
Group56	+ -Group56				
Group63	++Group63	140	34		
NumericDisplay4		172	275	Numeric Display	PV
NumericDisplay5		172	314	Numeric Display	SP
NumericDisplay6		172	355	Numeric Display	CV
Arrow		192	95	Arrow	PV
Arrow		162	385	Arrow	CV
Arrow		212	95	Arrow	SP
Button6		166	435	Button Toggle	auto_manual
Label2		182	439	Label: Status	auto_manual
Button7		147	314	Button: Touch Control: Release Action	SP=SP-1
Button8		236	314	Button: Touch Control: Release Action	SP=SP+1
Button9		236	354	Button: Touch Control: Release Action	CV=CV+1
Button10		147	354	Button: Touch Control: Release Action	CV=CV-1
Group63	+ -Group63				
Group112	++Group112	271	29		
Rectangle		357	138	Rectangle: Fill Control	PV
Rectangle		317	138	Rectangle: Fill Control	SP
Polygon		427	352	Polygon: Vertical Position	Output
NumericDisplay7		399	389	Numeric Display	auto_manual
NumericDisplay8		394	428	Numeric Display	SP
NumericDisplay9		395	468	Numeric Display	Output
Button11		322	509	Button: "Close": Touch Control: Release Action	abort
Group112	+ -Group112				

2.3.15 Graphics\Library\Gauges



2.3.15.1 Display Settings

Section	Option	Selection
Properties	Display Type	Overlay
	Allow Multiple Running Copies	Yes
	Cache after Displaying	No
	Title Bar	Yes
	System Menu	Yes
	Minimize Button	Yes
	Maximize Button	Yes
	Size to Main Window at Runtime	No
	Show last Acquired Value	No
	Use Current Size	No (Size in Pixels: 653 x 542)
	Allow Display to be Resized	Yes: When Resized - Pan
	Use Current Position	No (Position in Pixels: 550 x 0)
	Security Code	*
	Background Color	0x808040
	Startup Command	
	Shutdown Command	
Behavior	Input Field Not Selected Text Color	0x0
	Input Field Not Selected Fill Color	0xA4A0A0
	Input Field Selected Text Color	0xFFFFF

Input Field Selected Fill Color	0x800000
Beep on Press of Interactive Object	No
Highlight when Cursor Passes Over Interactive Objects	Yes Highlight Color: 0xFFFFFFFF
Highlight Color of Objects with Input Focus	0xFF00
Display On-screen Keyboard	No

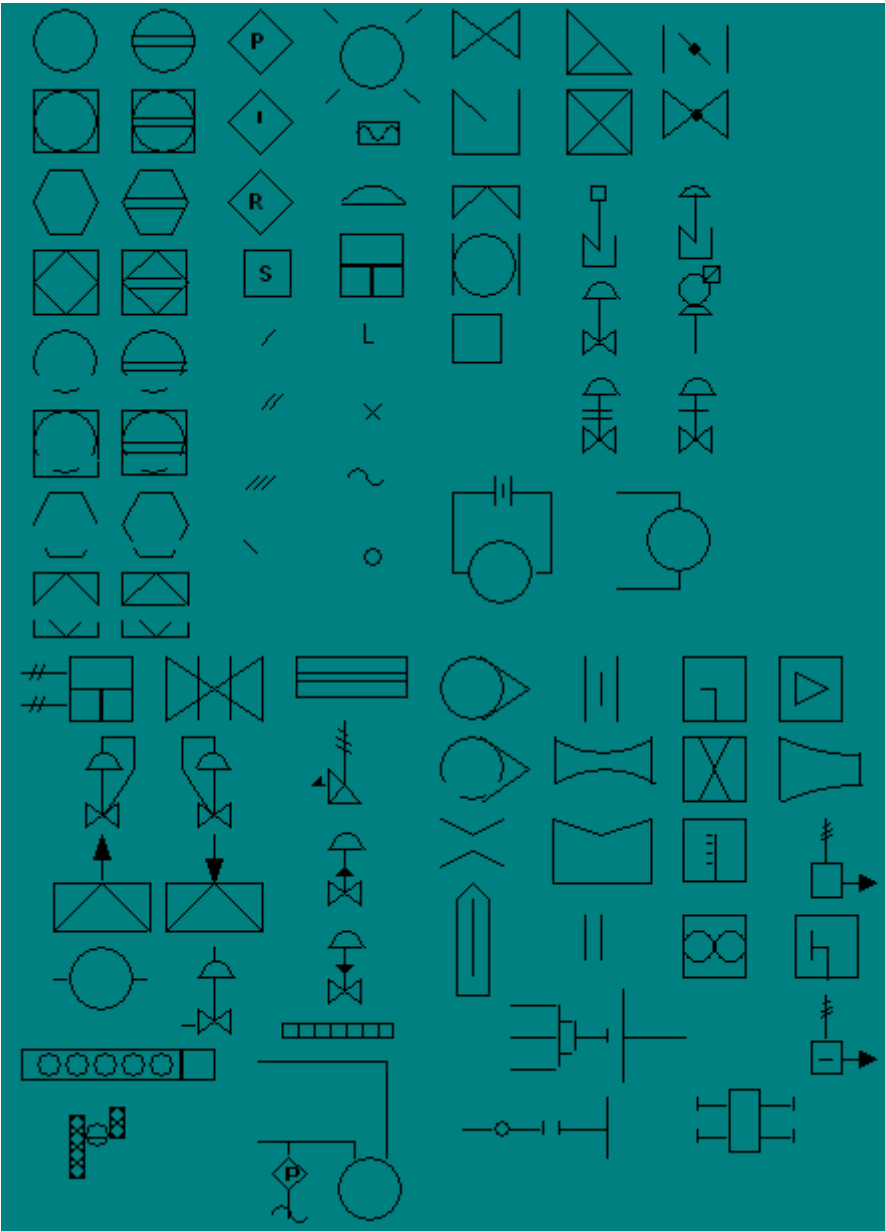
2.3.15.2 Animated Display Objects

Object Name	Grouping	X	Y	Property	Expression
Group4	++Group4	474	47		
Polygon		538	75	Polygon: Rotation Control	system\second
Group4	+-Group4				
Group7	++Group7	297	227		
Polygon		375	262	Polygon: Rotation Control	system\second
Group7	+-Group7				
Group17	++Group17	53	172		
Polygon		129	212	Polygon: Rotation Control	system\second
Group17	+-Group17				
Group26	++Group26	53	357		
Polygon		129	397	Polygon: Rotation Control	system\second
Group26	+-Group26				
Group30	++Group30	295	50		
Polygon		373	85	Polygon: Rotation Control	system\second
Group30	+-Group30				
Group37	++Group37	475	235		
Polygon		553	271	Polygon: Rotation Control	system\second
Group37	+-Group37				
Group44	++Group44	53	44		
Polygon		130	63	Polygon: Rotation Control	system\second
Group44	+-Group44				

2.3.15.3 Database Tags Used by the Component

Tag Name	Tag Type	Tag Description
system\second	Analog	Seconds (0 - 59)

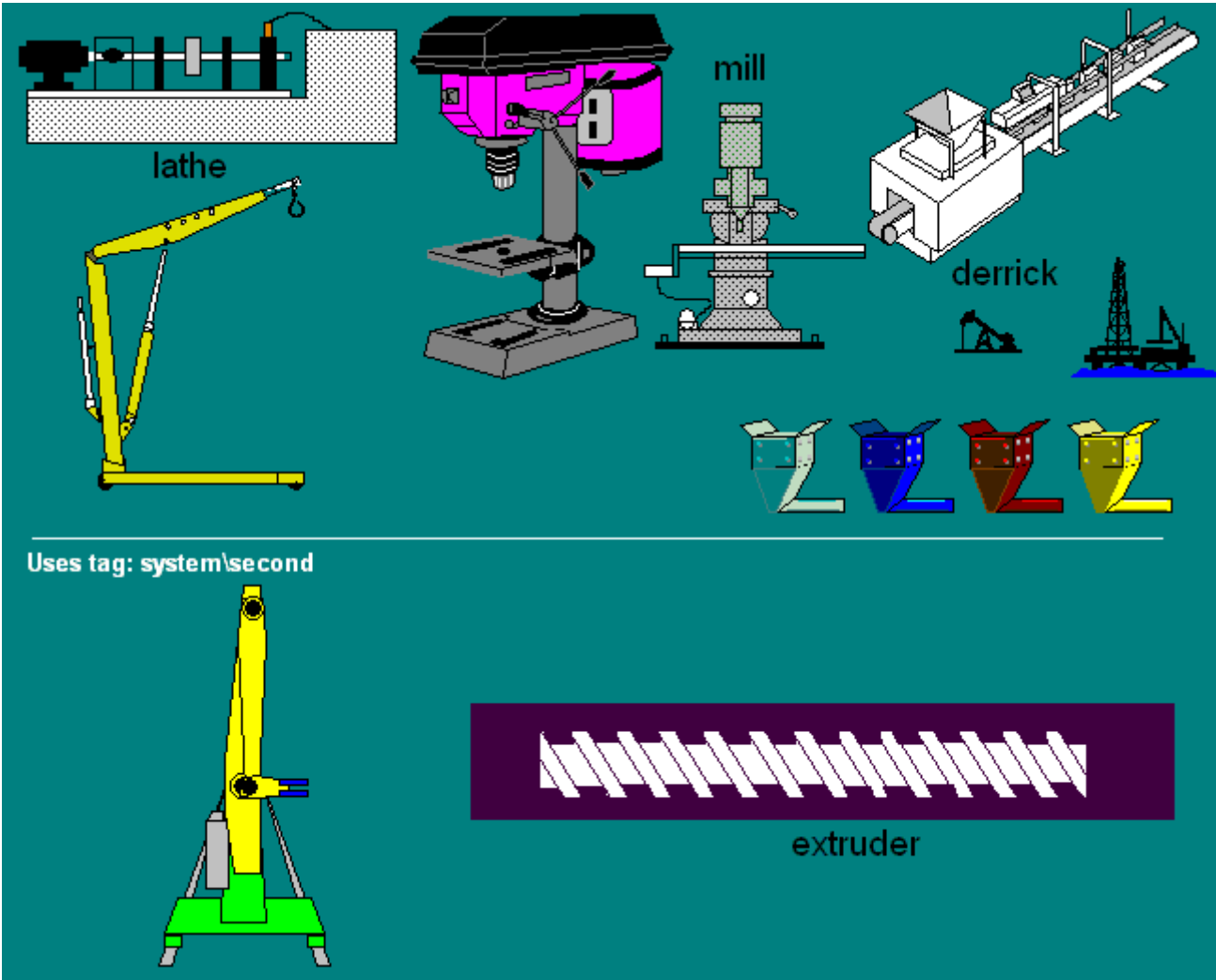
2.3.16 Graphics\Library\ISA symbols



Section	Option	Selection
Properties	Display Type	Overlay
	Allow Multiple Running Copies	No
	Cache after Displaying	No
	Title Bar	Yes
	System Menu	Yes
	Minimize Button	Yes
	Maximize Button	Yes
	Size to Main Window at Runtime	No
	Show last Acquired Value	No
	Use Current Size	No (Size in Pixels: 443 x 614)
	Allow Display to be Resized	Yes: When Resized - Pan
	Use Current Position	No (Position in Pixels: 557 x 0)
	Security Code	*
	Background Color	0x808000
	Startup Command	
	Shutdown Command	
Behavior	Input Field Not Selected Text Color	0x0
	Input Field Not Selected Fill Color	0xC0C0C0

Input Field Selected Text Color	0xFFFFFFFF
Input Field Selected Fill Color	0x800000
Beep on Press of Interactive Object	No
Highlight when Cursor Passes Over Interactive Objects	Yes Highlight Color: 0x0
Highlight Color of Objects with Input Focus	0xFF00
Display On-screen Keyboard	No

2.3.17 Graphics\Library\Machines



2.3.17.1 Display Settings

Section	Option	Selection
Properties	Display Type	Overlay
	Allow Multiple Running Copies	No
	Cache after Displaying	No
	Title Bar	Yes
	System Menu	Yes
	Minimize Button	Yes
	Maximize Button	Yes
	Size to Main Window at Runtime	No
	Show last Acquired Value	No
	Use Current Size	No (Size in Pixels: 646 x 520)
	Allow Display to be Resized	Yes: When Resized - Pan
	Use Current Position	No (Position in Pixels: 488 x 0)
	Security Code	*
	Background Color	0x808000
	Startup Command	
	Shutdown Command	
	Input Field Not Selected Text Color	0x0
	Input Field Not Selected Fill Color	0xC0C0C0
	Input Field Selected Text Color	0xFFFFF
	Input Field Selected Fill Color	0x800000
Behavior	Beep on Press of Interactive Object	No

Highlight when Cursor Passes Over Interactive Objects	Yes Highlight Color: 0x0
Highlight Color of Objects with Input Focus	0xFF00
Display On-screen Keyboard	No

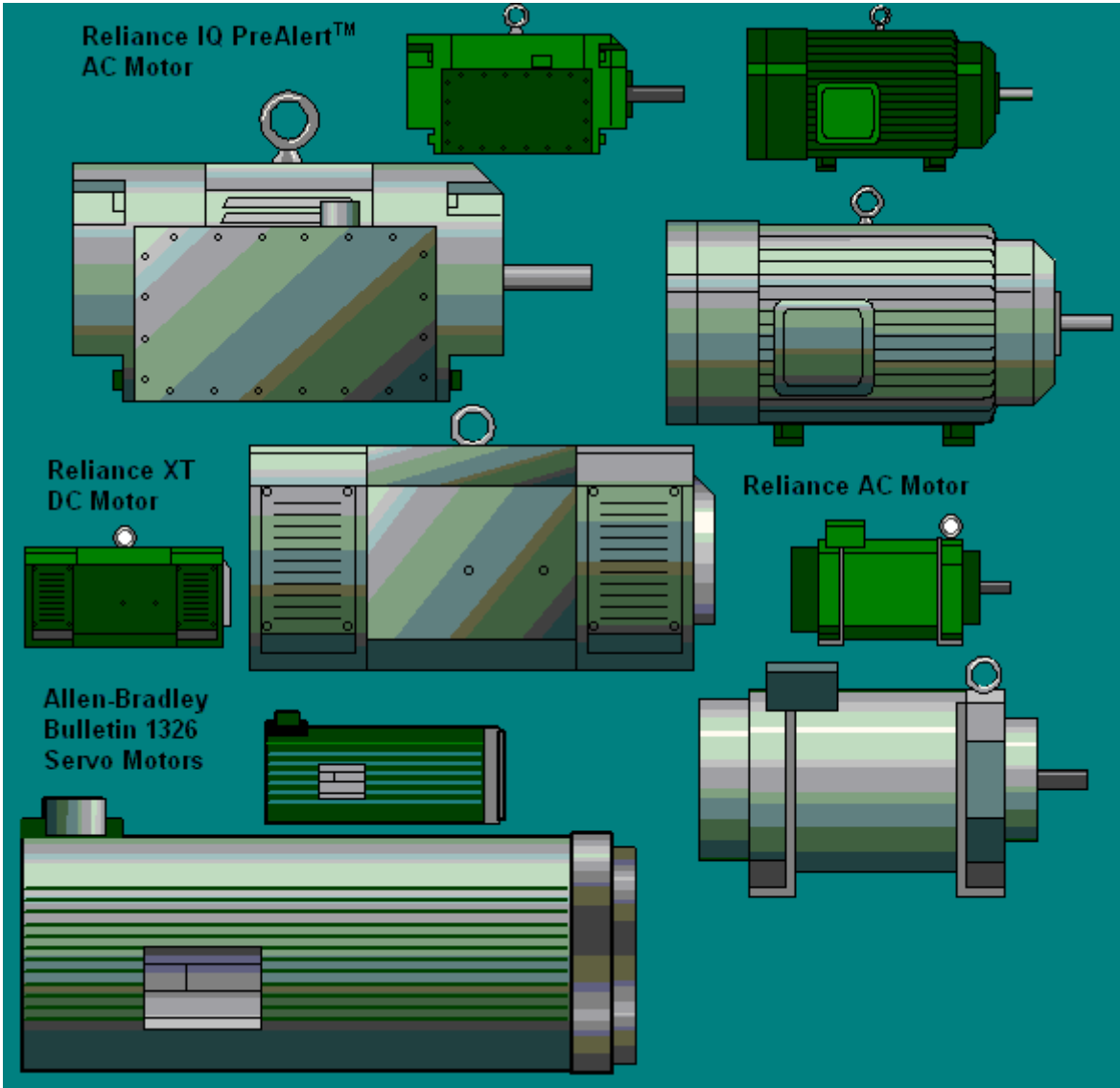
2.3.17.2 Animated Display Objects

Object Name	Grouping	X	Y	Property	Expression
Group69	++Group69	249	372		
Group68	++Group68	276	382		
Group68		276	382	Group: Horizontal Position	system\second
Group68	+-Group68				
Group69	+ -Group69				
Group78	++Group78	83	309		
Group77	++Group77	86	309		
Group76	++Group76	118	309		
Group73	++Group73	125	315		
Group73		125	315	Group: Horizontal Position	sind(system\second) * 100
				Group: Vertical Position	cosd(system\second) * 100
Group73	+-Group73				
Group75	++Group75	126	410		
Group75		126	410	Group: Horizontal Position	sind(system\second) * 200
Group75	+-Group75				
Group76	+-Group76				
Group77	+-Group77				
Group78	+ -Group78				

2.3.17.3 Database Tags Used by the Component

Tag Name	Tag Type	Tag Description
system\second	Analog	Seconds (0 - 59)

2.3.18 Graphics\Library\Motors Reliance



Section
Properties

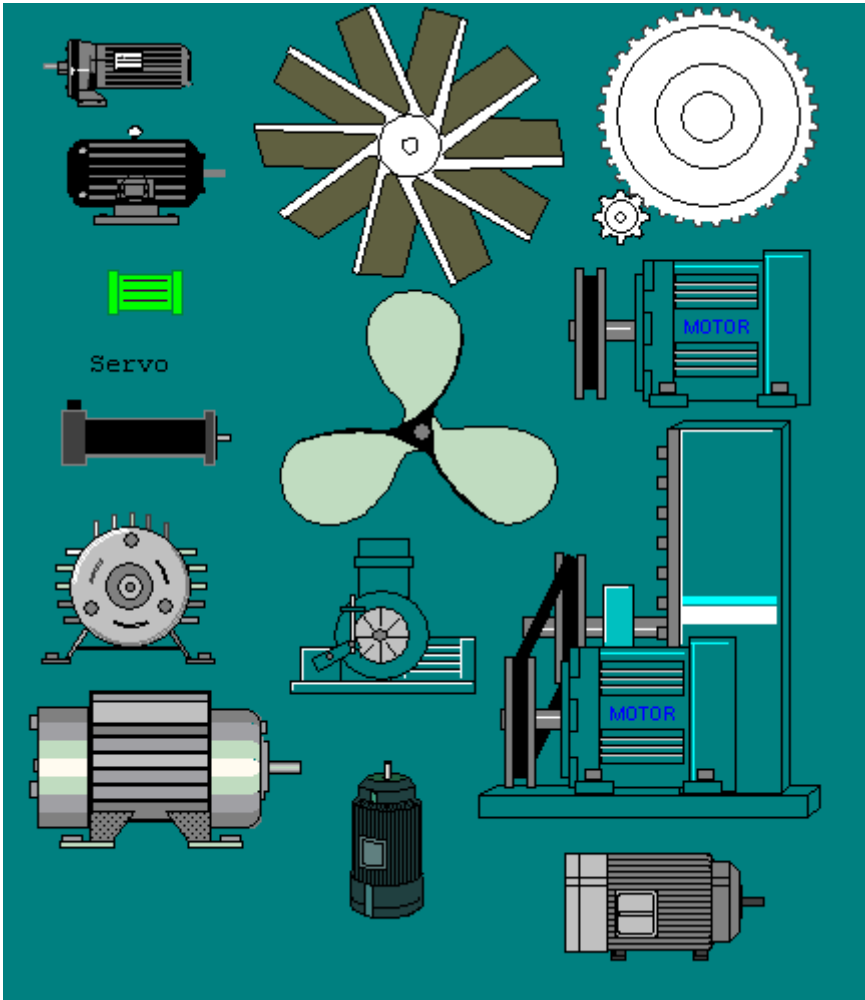
- Option**
- Display Type
 - Allow Multiple Running Copies
 - Cache after Displaying
 - Title Bar
 - System Menu
 - Minimize Button
 - Maximize Button
 - Size to Main Window at Runtime
 - Show last Acquired Value
 - Use Current Size
 - Allow Display to be Resized
 - Use Current Position
 - Security Code
 - Background Color
 - Startup Command
 - Shutdown Command
 - Input Field Not Selected Text Color
 - Input Field Not Selected Fill Color
 - Input Field Selected Text Color
 - Input Field Selected Fill Color

- Selection**
- Replace
 - No
 - No
 - Yes
 - Yes
 - Yes
 - No
 - No
 - Yes
 - No (Size in Pixels: 583 x 566)
 - Yes: When Resized - Scale
 - No (Position in Pixels: 400 x 0)
 - *
 - 0x808000
 -
 -
 -
 - 0x0
 - 0xC0C0C0
 - 0xFFFFFFFF
 - 0x800000

Behavior

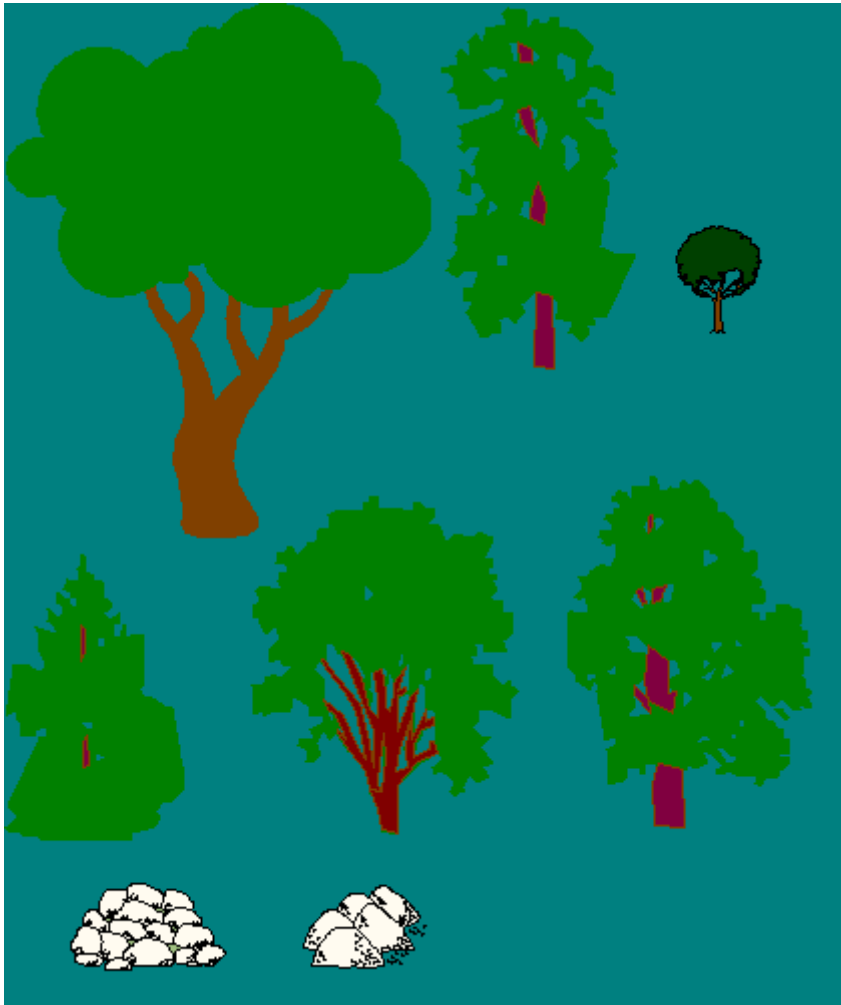
Beep on Press of Interactive Object	No
Highlight when Cursor Passes Over Interactive Objects	Yes Highlight Color: 0x0
Highlight Color of Objects with Input Focus	0xFF00
Display On-screen Keyboard	No

2.3.19 Graphics\Library\Motors



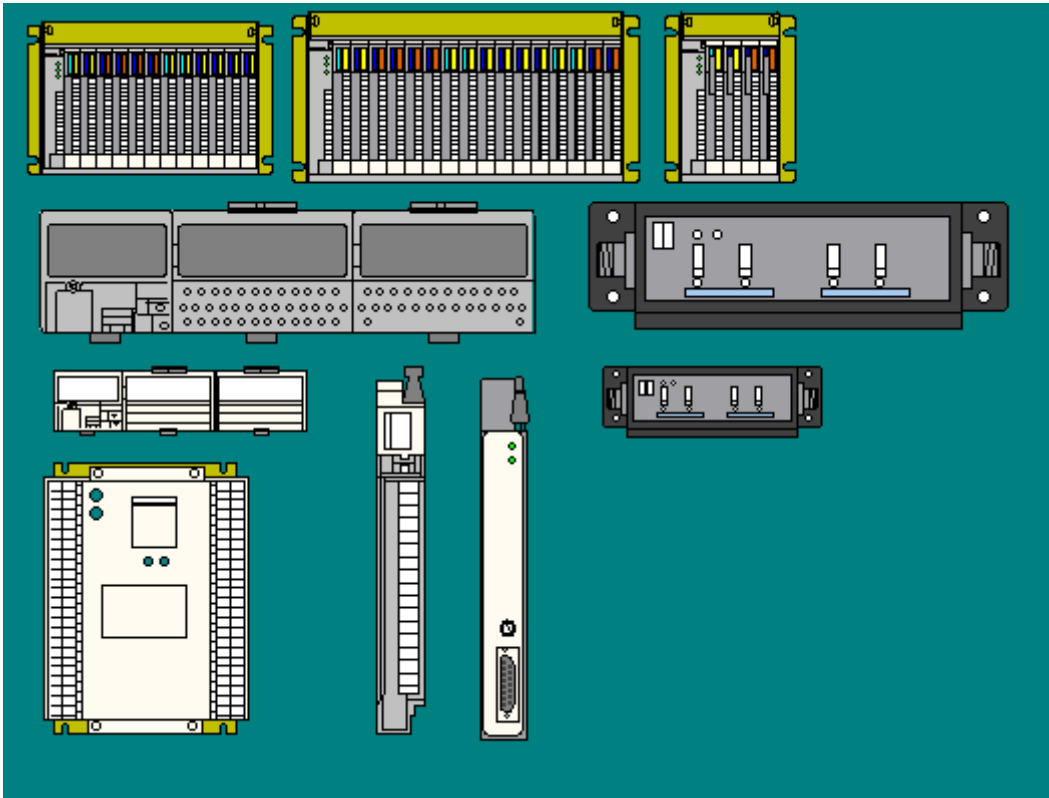
Section Properties	Option	Selection
	Display Type	Overlay
	Allow Multiple Running Copies	No
	Cache after Displaying	No
	Title Bar	Yes
	System Menu	Yes
	Minimize Button	Yes
	Maximize Button	Yes
	Size to Main Window at Runtime	No
	Show last Acquired Value	No
	Use Current Size	No (Size in Pixels: 431 x 499)
	Allow Display to be Resized	Yes: When Resized - Pan
	Use Current Position	No (Position in Pixels: 808 x 0)
	Security Code	*
	Background Color	0x808000
Behavior	Startup Command	
	Shutdown Command	
	Input Field Not Selected Text Color	0x0
	Input Field Not Selected Fill Color	0xFFFFF
	Input Field Selected Text Color	0xFFFFF
	Input Field Selected Fill Color	0x0
	Beep on Press of Interactive Object	No
	Highlight when Cursor Passes Over Interactive Objects	Yes Highlight Color: 0x0
	Highlight Color of Objects with Input Focus	0xFF00

2.3.20 Graphics\Library\Nature - Trees



Section	Option	Selection
Properties	Display Type	Overlay
	Allow Multiple Running Copies	No
	Cache after Displaying	No
	Title Bar	Yes
	System Menu	Yes
	Minimize Button	Yes
	Maximize Button	No
	Size to Main Window at Runtime	No
	Show last Acquired Value	Yes
	Use Current Size	No (Size in Pixels: 419 x 501)
	Allow Display to be Resized	Yes: When Resized - Scale
	Use Current Position	No (Position in Pixels: 593 x 0)
	Security Code	*
	Background Color	0x808000
	Startup Command	
	Shutdown Command	
Behavior	Input Field Not Selected Text Color	0x0
	Input Field Not Selected Fill Color	0xC0C0C0
	Input Field Selected Text Color	0xFFFFFFFF
	Input Field Selected Fill Color	0x800000
	Beep on Press of Interactive Object	No
	Highlight when Cursor Passes Over Interactive Objects	Yes Highlight Color: 0x0
	Highlight Color of Objects with Input Focus	0xFF00

2.3.21 Graphics\Library\PLC IO Racks



Section
Properties

Option	Selection
Display Type	Overlay
Allow Multiple Running Copies	No
Cache after Displaying	No
Title Bar	Yes
System Menu	Yes
Minimize Button	Yes
Maximize Button	No
Size to Main Window at Runtime	No
Show last Acquired Value	Yes
Use Current Size	No (Size in Pixels: 523 x 398)
Allow Display to be Resized	Yes: When Resized - Scale
Use Current Position	No (Position in Pixels: 532 x 0)
Security Code	*
Background Color	0x808000

Behavior

Startup Command	
Shutdown Command	
Input Field Not Selected Text Color	0x0
Input Field Not Selected Fill Color	0xFFFFFF
Input Field Selected Text Color	0xFFFFFF
Input Field Selected Fill Color	0x800000
Beep on Press of Interactive Object	No
Highlight when Cursor Passes Over Interactive Objects	Yes Highlight Color: 0x0
Highlight Color of Objects with Input Focus	0xFF00
Display On-screen Keyboard	No

2.3.22 Graphics\Library\PPGgfx

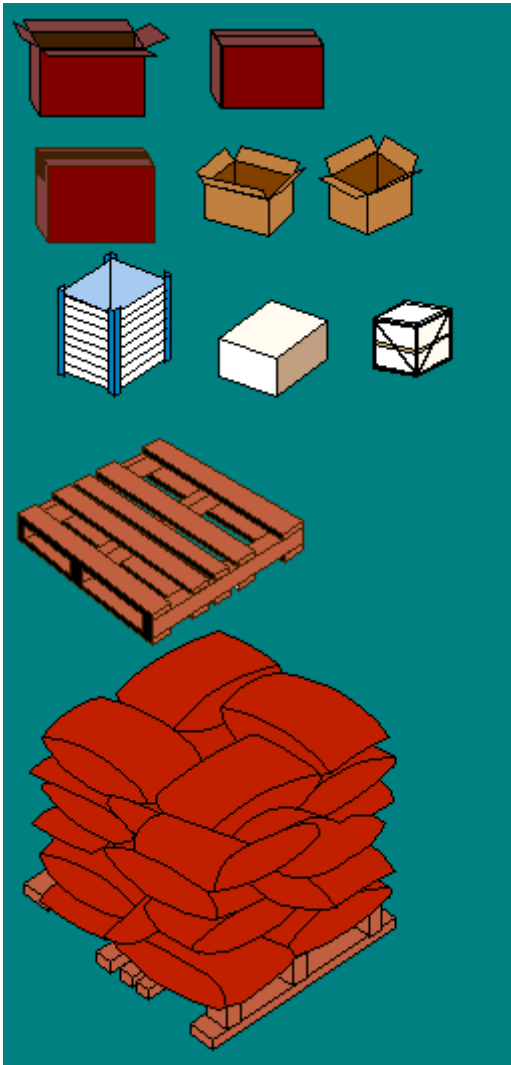


Section
Properties

Option	Selection
Display Type	Replace
Allow Multiple Running Copies	No
Cache after Displaying	No
Title Bar	Yes
System Menu	Yes
Minimize Button	Yes
Maximize Button	No
Size to Main Window at Runtime	No
Show last Acquired Value	Yes
Use Current Size	No (Size in Pixels: 840 x 525)
Allow Display to be Resized	Yes: When Resized - Scale
Use Current Position	Yes
Security Code	*
Background Color	0xFFFFFFFF
Startup Command	
Shutdown Command	
Input Field Not Selected Text Color	0x0
Input Field Not Selected Fill Color	0xFFFFFFFF
Input Field Selected Text Color	0x0
Input Field Selected Fill Color	0xFFFFFFFF
Beep on Press of Interactive Object	No
Highlight when Cursor Passes Over Interactive Objects	Yes Highlight Color: 0x0
Highlight Color of Objects with Input Focus	0xFF00
Display On-screen Keyboard	No

Behavior

2.3.23 Graphics\Library\Package

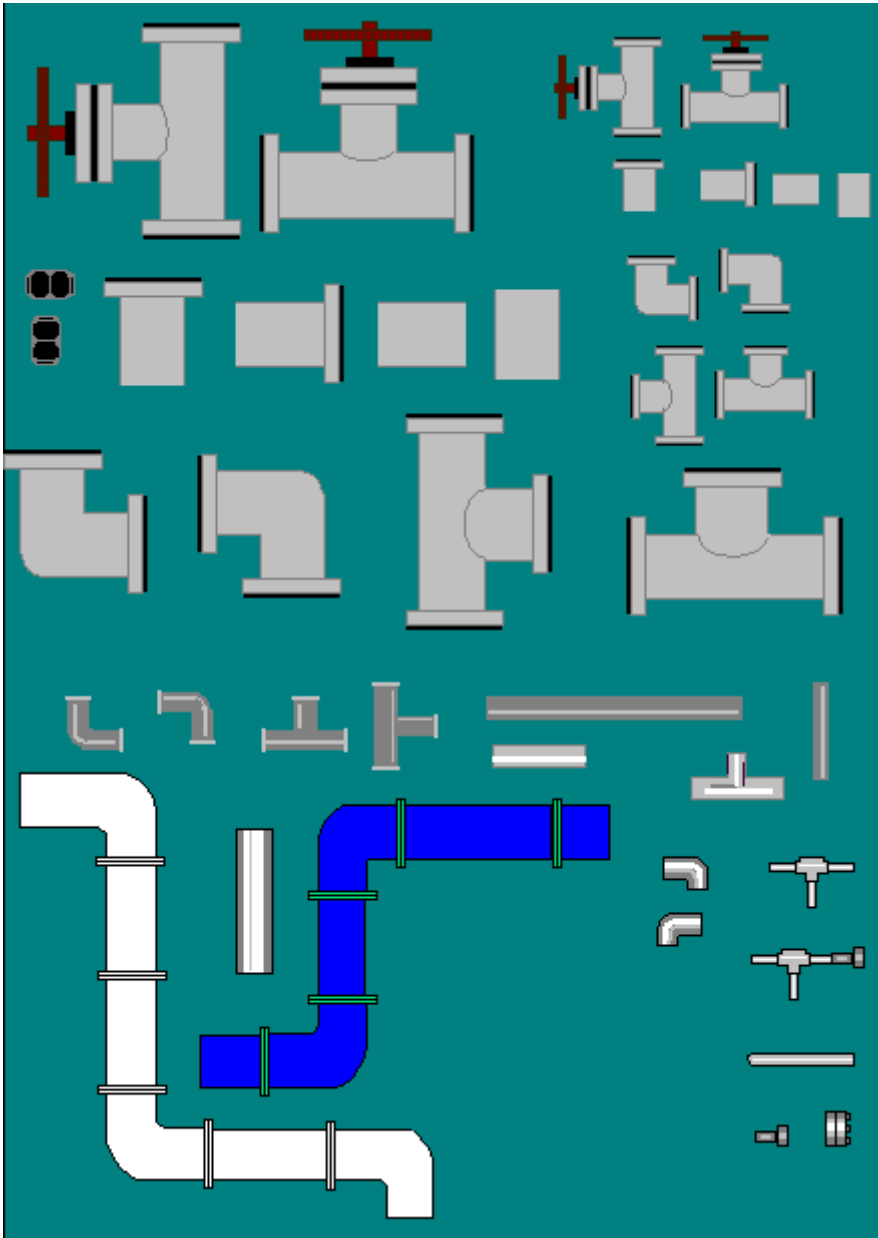


Section	Option	Selection
Properties	Display Type	Overlay
	Allow Multiple Running Copies	No
	Cache after Displaying	No
	Title Bar	Yes
	System Menu	Yes
	Minimize Button	Yes
	Maximize Button	Yes
	Size to Main Window at Runtime	No
	Show last Acquired Value	No
	Use Current Size	No (Size in Pixels: 254 x 531)
	Allow Display to be Resized	Yes: When Resized - Pan
	Use Current Position	No (Position in Pixels: 800 x 0)
	Security Code	*
	Background Color	0x808000
	Startup Command	
	Shutdown Command	
Behavior	Input Field Not Selected Text Color	0x0
	Input Field Not Selected Fill Color	0xFFFFFFFF
	Input Field Selected Text Color	0xFFFFFFFF
	Input Field Selected Fill Color	0x0
	Beep on Press of Interactive Object	No

Yes Highlight Color: 0x0

Highlight when Cursor Passes Over Interactive Objects	
Highlight Color of Objects with Input Focus	0xFF00
Display On-screen Keyboard	No

2.3.24 Graphics\Library\Pipes 1



Section
Properties

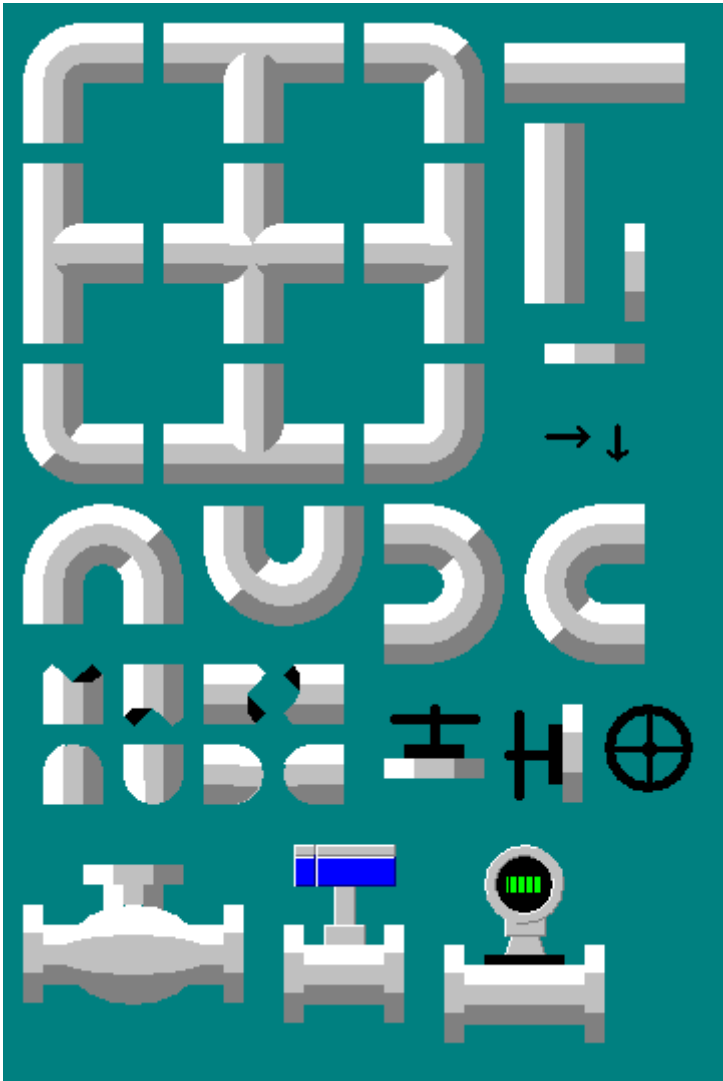
- Option**
- Display Type
 - Allow Multiple Running Copies
 - Cache after Displaying
 - Title Bar
 - System Menu
 - Minimize Button
 - Maximize Button
 - Size to Main Window at Runtime
 - Show last Acquired Value
 - Use Current Size
 - Allow Display to be Resized
 - Use Current Position
 - Security Code
 - Background Color
 - Startup Command
 - Shutdown Command
 - Input Field Not Selected Text Color
 - Input Field Not Selected Fill Color

- Selection**
- Overlay
 - No
 - No
 - Yes
 - Yes
 - Yes
 - Yes
 - No
 - No
 - No (Size in Pixels: 438 x 618)
 - Yes: When Resized - Scale
 - No (Position in Pixels: 548 x 0)
 - *
 - 0x808000
 -
 -
 - 0x0
 - 0xFFFFF

Behavior

Input Field Selected Text Color	0xFFFFFFFF
Input Field Selected Fill Color	0x808000
Beep on Press of Interactive Object	No
Highlight when Cursor Passes Over Interactive Objects	Yes Highlight Color: 0x0
Highlight Color of Objects with Input Focus	0xFF00
Display On-screen Keyboard	No

2.3.25 Graphics\Library\Pipes 2



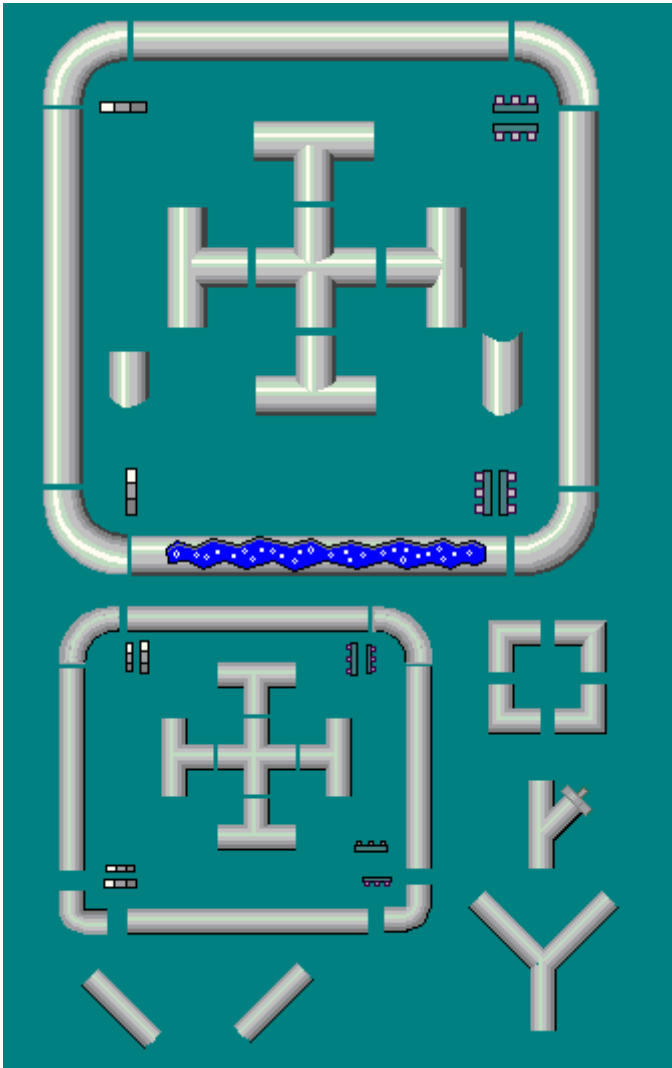
Section
Properties

Option	Selection
Display Type	Overlay
Allow Multiple Running Copies	No
Cache after Displaying	No
Title Bar	Yes
System Menu	Yes
Minimize Button	Yes
Maximize Button	No
Size to Main Window at Runtime	No
Show last Acquired Value	Yes
Use Current Size	No (Size in Pixels: 361 x 540)
Allow Display to be Resized	Yes: When Resized - Scale
Use Current Position	No (Position in Pixels: 637 x 0)
Security Code	*
Background Color	0x808000
Startup Command	
Shutdown Command	
Input Field Not Selected Text Color	0x0
Input Field Not Selected Fill Color	0xFFFFFFFF
Input Field Selected Text Color	0xFFFFFFFF
Input Field Selected Fill Color	0x808000
Beep on Press of Interactive Object	No
	Yes Highlight Color: 0x0

Behavior

Highlight when Cursor Passes Over Interactive Objects	
Highlight Color of Objects with Input Focus	0xFF00
Display On-screen Keyboard	No

2.3.26 Graphics\Library\Pipes 3



2.3.26.1 Display Settings

Section	Option	Selection
Properties	Display Type	Overlay
	Allow Multiple Running Copies	No
	Cache after Displaying	No
	Title Bar	Yes
	System Menu	Yes
	Minimize Button	Yes
	Maximize Button	No
	Size to Main Window at Runtime	No
	Show last Acquired Value	Yes
	Use Current Size	No (Size in Pixels: 335 x 533)
	Allow Display to be Resized	Yes: When Resized - Scale
	Use Current Position	No (Position in Pixels: 650 x 0)
	Security Code	*
	Background Color	0x808000
	Startup Command	
	Shutdown Command	
Behavior	Input Field Not Selected Text Color	0x0
	Input Field Not Selected Fill Color	0xC0C0C0
	Input Field Selected Text Color	0xFFFFFFFF
	Input Field Selected Fill Color	0x800000

Beep on Press of Interactive Object	No
Highlight when Cursor Passes Over Interactive Objects	Yes Highlight Color: 0x0
Highlight Color of Objects with Input Focus	0xFF00
Display On-screen Keyboard	No

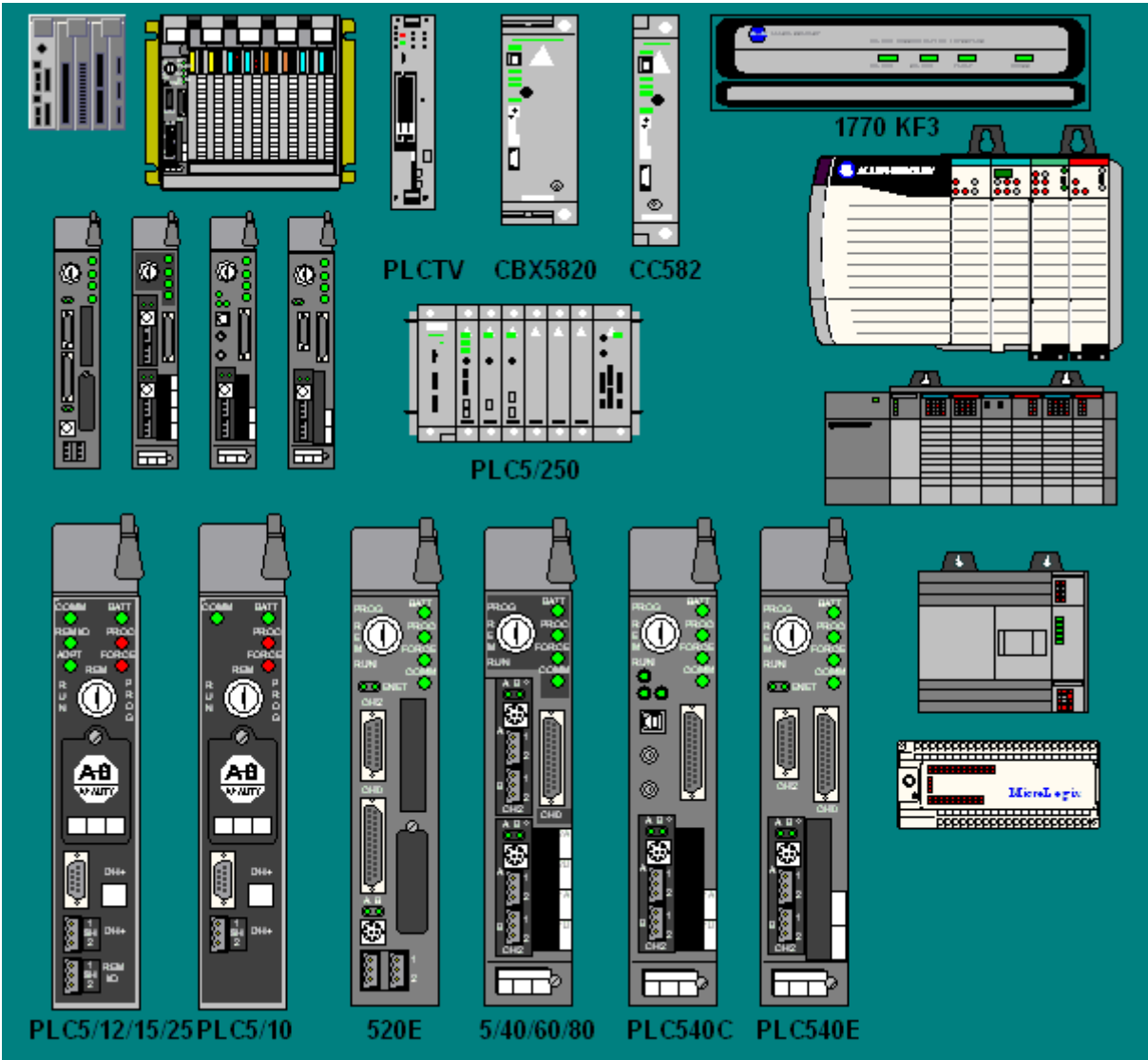
2.3.26.2 Animated Display Objects

Object Name	Grouping	X	Y	Property	Expression
Group40	++Group40	81	266		
Group38	++Group38	85	271		
Group38		85	271	Group: Visibility Control	System\blinkfast =1
Group38	+-Group38				
Group39	++Group39	95	271		
Group39		95	271	Group: Visibility Control	System\blinkfast =1
Group39	+-Group39				
Group40	+-Group40				

2.3.26.3 Database Tags Used by the Component

Tag Name	Tag Type	Tag Description
System\blinkfast	Digital	Changes every 100 ms

2.3.27 Graphics\Library\Plc



Section
Properties

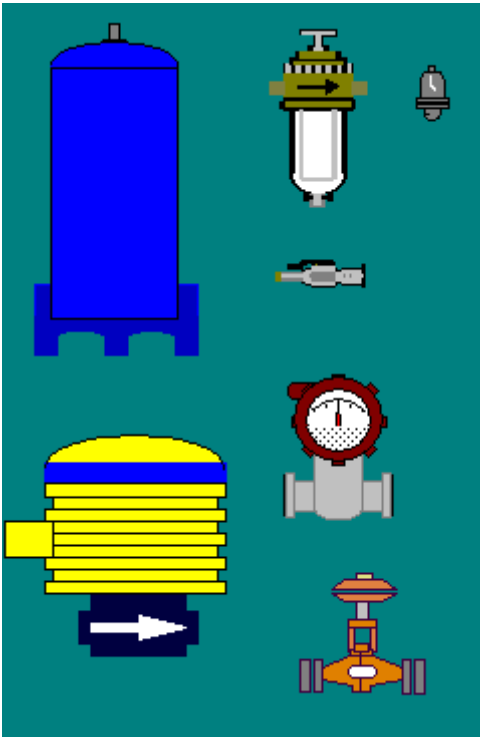
- Option**
- Display Type
 - Allow Multiple Running Copies
 - Cache after Displaying
 - Title Bar
 - System Menu
 - Minimize Button
 - Maximize Button
 - Size to Main Window at Runtime
 - Show last Acquired Value
 - Use Current Size
 - Allow Display to be Resized
 - Use Current Position
 - Security Code
 - Background Color
 - Startup Command
 - Shutdown Command
 - Input Field Not Selected Text Color
 - Input Field Not Selected Fill Color
 - Input Field Selected Text Color
 - Input Field Selected Fill Color
 - Beep on Press of Interactive Object

- Selection**
- Overlay
 - No
 - No
 - Yes
 - Yes
 - Yes
 - Yes
 - No
 - No
 - No (Size in Pixels: 603 x 556)
 - Yes: When Resized - Pan
 - No (Position in Pixels: 404 x 0)
 - *
 - 0x808000
 -
 -
 - 0x0
 - 0xA0A0A0
 - 0xFFFFFFFF
 - 0xFFFFFFFF
 - No

Behavior

Highlight when Cursor Passes Over Interactive Objects	Yes Highlight Color: 0x0
Highlight Color of Objects with Input Focus	0xFF00
Display On-screen Keyboard	No

2.3.28 Graphics\Library\Pneumatic



Section
Properties

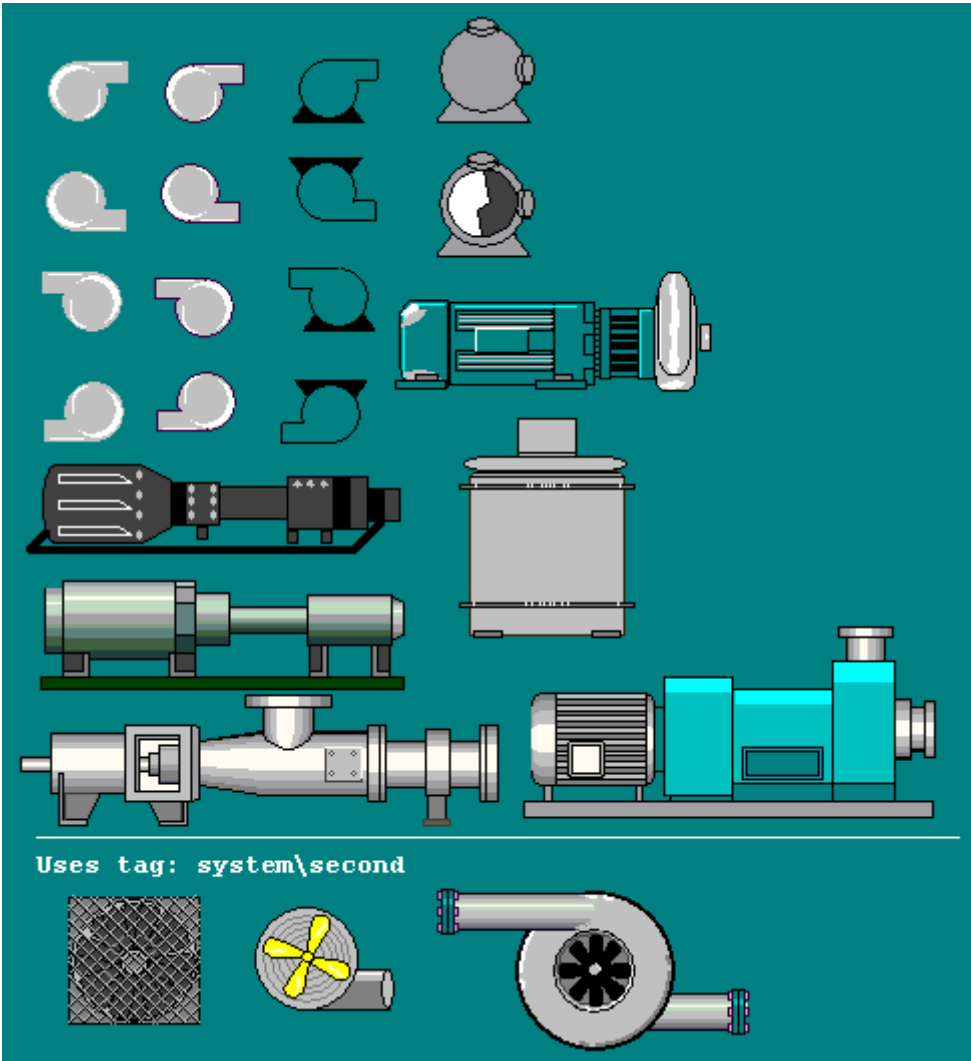
Option	Selection
Display Type	Overlay
Allow Multiple Running Copies	No
Cache after Displaying	No
Title Bar	Yes
System Menu	Yes
Minimize Button	Yes
Maximize Button	Yes
Size to Main Window at Runtime	No
Show last Acquired Value	No
Use Current Size	No (Size in Pixels: 240 x 367)
Allow Display to be Resized	Yes: When Resized - Pan
Use Current Position	No (Position in Pixels: 747 x 0)
Security Code	*
Background Color	0x808000

Behavior

Startup Command	
Shutdown Command	
Input Field Not Selected Text Color	0x0
Input Field Not Selected Fill Color	0xFFFFF
Input Field Selected Text Color	0xFFFFF
Input Field Selected Fill Color	0xFFFFF
Beep on Press of Interactive Object	No
Highlight when Cursor Passes Over Interactive Objects	Yes Highlight Color: 0x0
Highlight Color of Objects with Input Focus	0xFF00
Display On-screen Keyboard	No

2.3.29 Graphics\Library\Pumps

Mouse Graphics Display



2.3.29.1 Display Settings

Section	Option	Selection
Properties	Display Type	Overlay
	Allow Multiple Running Copies	No
	Cache after Displaying	No
	Title Bar	Yes "Mouse Graphics Display"
	System Menu	Yes
	Minimize Button	Yes
	Maximize Button	Yes
	Size to Main Window at Runtime	No
	Show last Acquired Value	No
	Use Current Size	Yes
	Allow Display to be Resized	Yes: When Resized - Pan
	Use Current Position	No (Position in Pixels: 720 x 0)
	Security Code	*
	Background Color	0x808000
	Startup Command	
	Shutdown Command	
Behavior	Input Field Not Selected Text Color	0x0
	Input Field Not Selected Fill Color	0xA0A0A0

Input Field Selected Text Color	0xFFFFFFFF
Input Field Selected Fill Color	0x800000
Beep on Press of Interactive Object	No
Highlight when Cursor Passes Over Interactive Objects	Yes Highlight Color: 0x0
Highlight Color of Objects with Input Focus	0xFF00
Display On-screen Keyboard	No

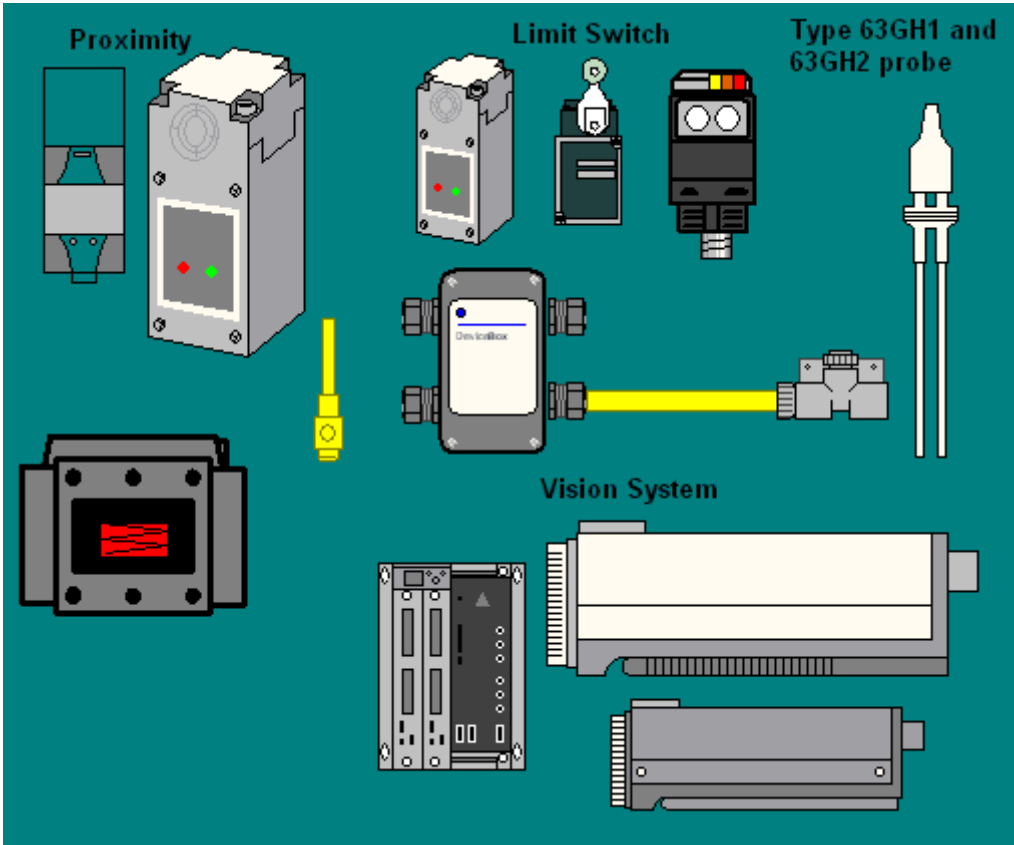
2.3.29.2 Animated Display Objects

Object Name	Grouping	X	Y	Property	Expression
Group39	++Group39	33	445		
Group30	++Group30	36	449		
Group30		36	449	Group: Visibility Control	system\blinkfast=0
Group30	+-Group30				
Group31	++Group31	37	450		
Group31		37	450	Group: Visibility Control	system\blinkfast=0
Group31	+-Group31				
Group39	+ -Group39				
Group48	++Group48	126	451		
Group47	++Group47	130	455		
Group47		130	455	Group: Rotation Control	system\blinkfast
Group47	+-Group47				
Group48	+ -Group48				
Group121	++Group121	217	442		
Group112	++Group112	275	462		
Group111	++Group111	277	464		
Group108	++Group108	278	465		
Group108		278	465	Group: Visibility Control	system\blinkfast=0
Group108	+-Group108				
Group110	++Group110	283	468		
Group110		283	468	Group: Visibility Control	system\blinkfast=1
Group110	+-Group110				
Group111	+-Group111				
Group112	+-Group112				
Group121	+ -Group121				

2.3.29.3 Database Tags Used by the Component

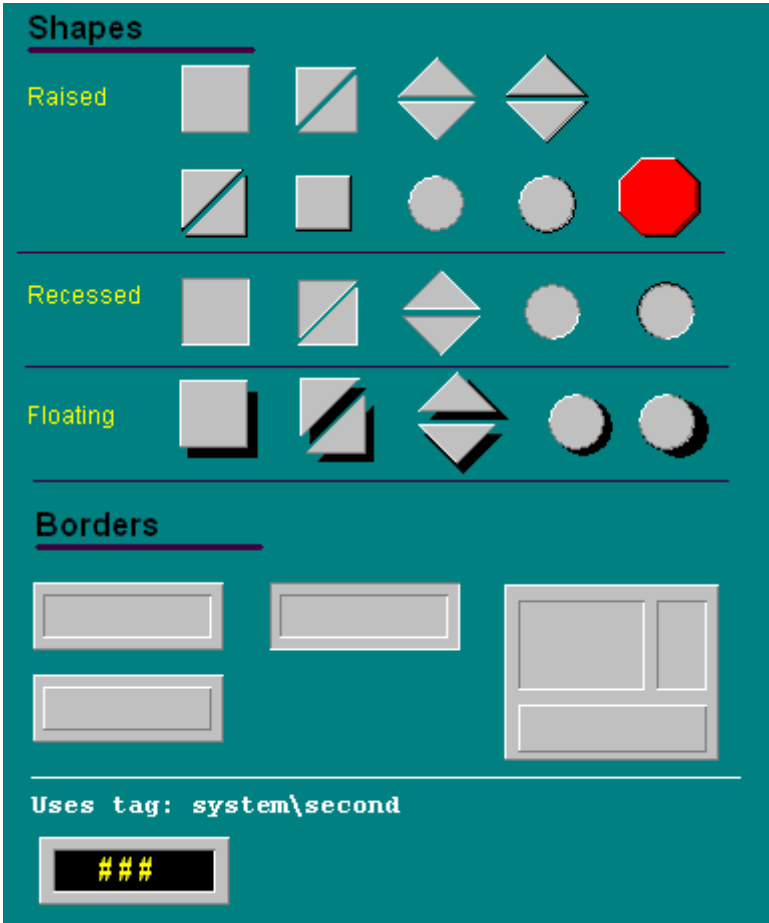
Tag Name	Tag Type	Tag Description
system\blinkfast	Digital	Changes every 100 ms

2.3.30 Graphics\Library\Sensors



Section	Option		Selection
	Display Type		Overlay
Properties	Allow Multiple Running Copies		No
	Cache after Displaying		No
	Title Bar		Yes
	System Menu		Yes
	Minimize Button		Yes
	Maximize Button		No
	Size to Main Window at Runtime		No
	Show last Acquired Value		Yes
	Use Current Size		No (Size in Pixels: 506 x 421)
	Allow Display to be Resized		Yes: When Resized - Scale
	Use Current Position		No (Position in Pixels: 600 x 0)
	Security Code		*
	Background Color		0x808000
Behavior	Startup Command		
	Shutdown Command		
	Input Field Not Selected Text Color		0x0
	Input Field Not Selected Fill Color		0xFFFFFFFF
	Input Field Selected Text Color		0xFFFFFFFF
	Input Field Selected Fill Color		0x800000
	Beep on Press of Interactive Object		No
	Highlight when Cursor Passes Over Interactive Objects		Yes Highlight Color: 0x0
	Highlight Color of Objects with Input Focus		0xFF00
	Display On-screen Keyboard		No

2.3.31 Graphics\Library\Shapes and borders



2.3.31.1 Display Settings

Section	Option	Selection
Properties	Display Type	Overlay
	Allow Multiple Running Copies	No
	Cache after Displaying	No
	Title Bar	Yes
	System Menu	Yes
	Minimize Button	Yes
	Maximize Button	Yes
	Size to Main Window at Runtime	No
	Show last Acquired Value	No
	Use Current Size	No (Size in Pixels: 383 x 461)
	Allow Display to be Resized	Yes: When Resized - Pan
	Use Current Position	No (Position in Pixels: 600 x 0)
	Security Code	*
	Background Color	0x808000
	Startup Command	
	Shutdown Command	
	Input Field Not Selected Text Color	0x0
	Input Field Not Selected Fill Color	0xFFFFFFFF
	Input Field Selected Text Color	0xFFFFFFFF
	Input Field Selected Fill Color	0xFFFFFFFF
Behavior	Beep on Press of Interactive Object	No
	Highlight when Cursor Passes Over Interactive Objects	No
	Highlight Color of Objects with Input Focus	0xFF00

2.3.31.2 Animated Display Objects

Object Name	Grouping	X	Y	Property	Expression
Group57	++Group57	18	416		
NumericDisplay1		47	423	Numeric Display	system\second
Group57	+ -Group57				

2.3.31.3 Database Tags Used by the Component

Tag Name	Tag Type	Tag Description
system\second	Analog	Seconds (0 - 59)

2.3.32 Graphics\Library\Signals

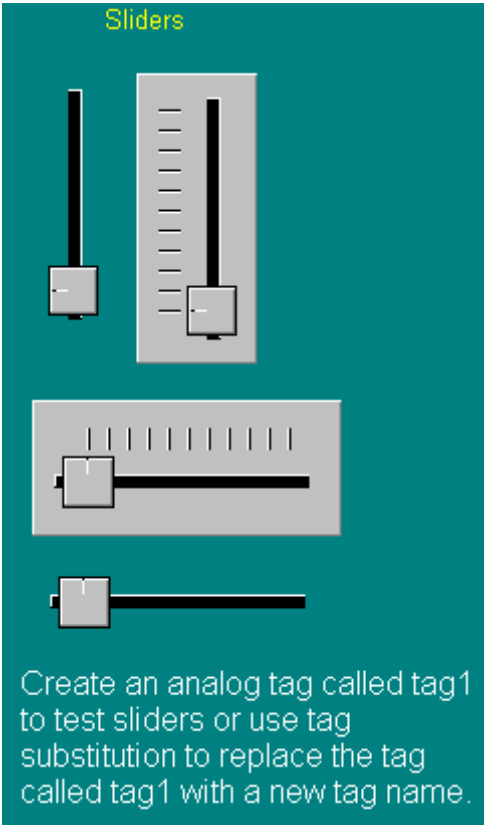


Section
Properties

Option	Selection
Display Type	Replace
Allow Multiple Running Copies	No
Cache after Displaying	No
Title Bar	Yes
System Menu	Yes
Minimize Button	Yes
Maximize Button	No
Size to Main Window at Runtime	No
Show last Acquired Value	Yes
Use Current Size	No (Size in Pixels: 840 x 525)
Allow Display to be Resized	Yes: When Resized - Scale
Use Current Position	Yes
Security Code	*
Background Color	0xFFFFFFFF
Startup Command	
Shutdown Command	
Input Field Not Selected Text Color	0x0
Input Field Not Selected Fill Color	0xFFFFFFFF
Input Field Selected Text Color	0x0
Input Field Selected Fill Color	0xFFFFFFFF
Beep on Press of Interactive Object	No
Highlight when Cursor Passes Over Interactive Objects	Yes Highlight Color: 0x0
Highlight Color of Objects with Input Focus	0xFF00
Display On-screen Keyboard	No

Behavior

2.3.33 Graphics\Library\Sliders



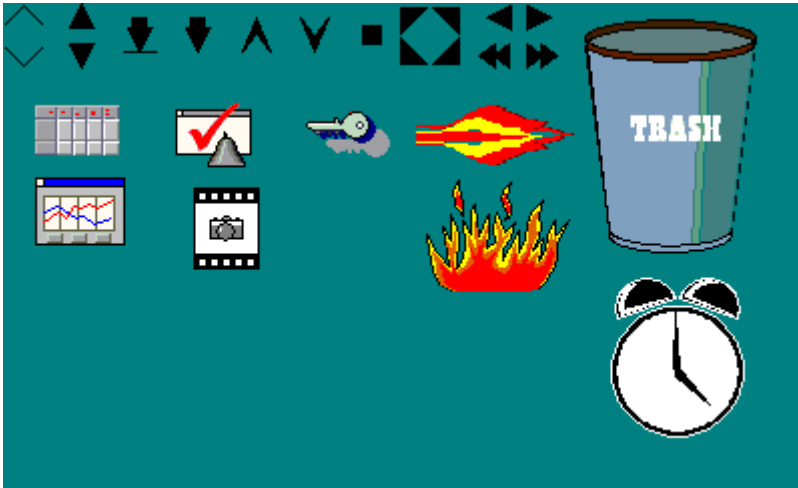
2.3.33.1 Display Settings

Section	Option	Selection
Properties	Display Type	Overlay
	Allow Multiple Running Copies	No
	Cache after Displaying	No
	Title Bar	Yes
	System Menu	Yes
	Minimize Button	Yes
	Maximize Button	No
	Size to Main Window at Runtime	No
	Show last Acquired Value	No
	Use Current Size	No (Size in Pixels: 241 x 411)
	Allow Display to be Resized	Yes: When Resized - Pan
	Use Current Position	No (Position in Pixels: 744 x 0)
	Security Code	*
	Background Color	0x808000
	Startup Command	
	Shutdown Command	
Behavior	Input Field Not Selected Text Color	0x0
	Input Field Not Selected Fill Color	0xFFFFFFFF
	Input Field Selected Text Color	0x0
	Input Field Selected Fill Color	0x808000
	Beep on Press of Interactive Object	No
	Highlight when Cursor Passes Over Interactive Objects	Yes Highlight Color: 0x0
	Highlight Color of Objects with Input Focus	0xFF00
	Display On-screen Keyboard	No

2.3.33.2 Animated Display Objects

Object Name	Grouping	X	Y	Property	Expression
Group4	++Group4	23	43		
Group3	++Group3	23	131		
Group3		23	131	Group: Vertical Slider	tag1
Group3	+-Group3				
Group4	+-Group4				
Group21	++Group21	67	35		
Group8	++Group8	92	141		
Group8		92	141	Group: Vertical Slider	tag1
Group8	+-Group8				
Group21	+-Group21				
Group38	++Group38	15	198		
Group25	++Group25	30	226		
Group25		30	226	Group: Horizontal Slider	tag1
Group25	+-Group25				
Group38	+-Group38				
Group42	++Group42	24	286		
Group41	++Group41	28	286		
Group41		28	286	Group: Horizontal Slider	tag1
Group41	+-Group41				
Group42	+-Group42				

2.3.34 Graphics\Library\Symbols



Section

Properties

Option

- Display Type
- Allow Multiple Running Copies
- Cache after Displaying
- Title Bar
- System Menu
- Minimize Button
- Maximize Button
- Size to Main Window at Runtime
- Show last Acquired Value
- Use Current Size
- Allow Display to be Resized
- Use Current Position
- Security Code
- Background Color

Selection

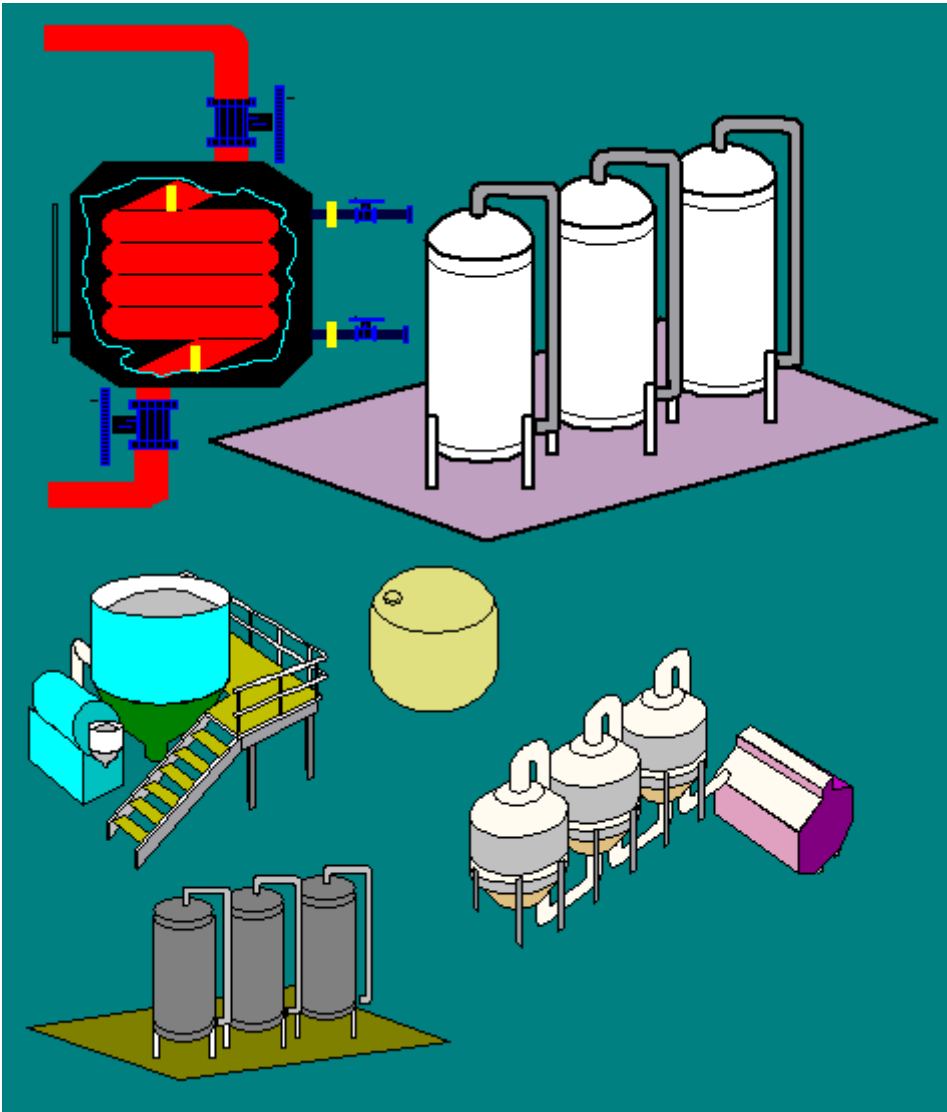
- Overlay
- No
- No
- Yes
- Yes
- Yes
- Yes
- No
- No
- No (Size in Pixels: 398 x 243)
- Yes: When Resized - Pan
- No (Position in Pixels: 600 x 0)
- *
- 0x808000

Behavior

- Startup Command
- Shutdown Command
- Input Field Not Selected Text Color
- Input Field Not Selected Fill Color
- Input Field Selected Text Color
- Input Field Selected Fill Color
- Beep on Press of Interactive Object
- Highlight when Cursor Passes Over Interactive Objects
- Highlight Color of Objects with Input Focus
- Display On-screen Keyboard

-
-
- 0x0
- 0xA0A0A0
- 0xFFFFFFFF
- 0x800000
- No
- Yes Highlight Color: 0x0
- 0xFF00
- No

2.3.35 Graphics\Library\Tanks 2



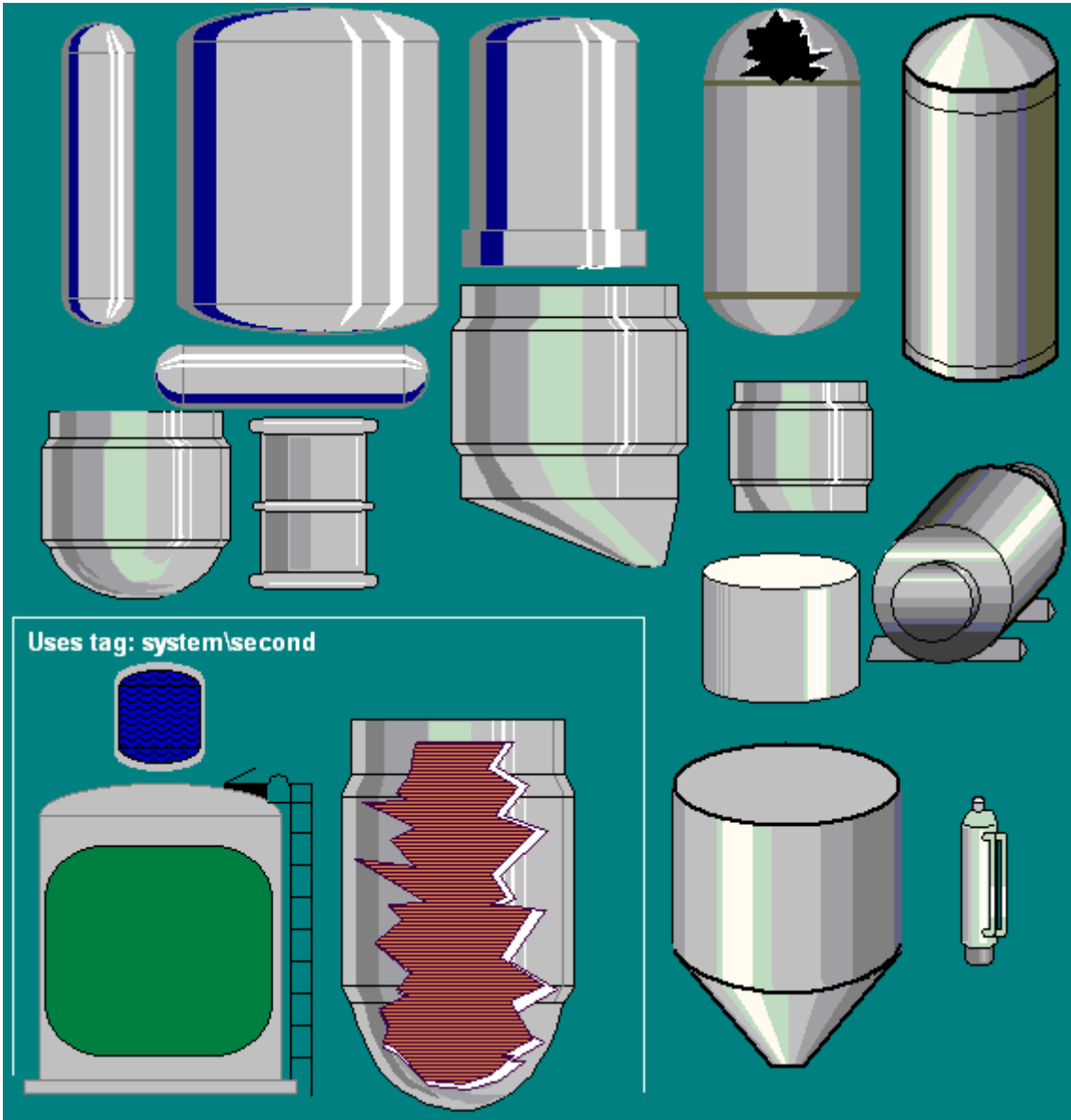
Section
Properties

Option	Selection
Display Type	Overlay
Allow Multiple Running Copies	No
Cache after Displaying	No
Title Bar	Yes
System Menu	Yes
Minimize Button	Yes
Maximize Button	No
Size to Main Window at Runtime	No
Show last Acquired Value	Yes
Use Current Size	No (Size in Pixels: 473 x 555)
Allow Display to be Resized	Yes: When Resized - Scale
Use Current Position	No (Position in Pixels: 500 x 0)
Security Code	*
Background Color	0x808000
Startup Command	
Shutdown Command	
Input Field Not Selected Text Color	0x0
Input Field Not Selected Fill Color	0xC0C0C0
Input Field Selected Text Color	0xFFFFF
Input Field Selected Fill Color	0x800000
Beep on Press of Interactive Object	No

Behavior

Highlight when Cursor Passes Over Interactive Objects	Yes Highlight Color: 0x0
Highlight Color of Objects with Input Focus	0xFF00
Display On-screen Keyboard	No

2.3.36 Graphics\Library\Tanks



2.3.36.1 Display Settings

Section Properties	Option	Selection
	Display Type	Overlay
	Allow Multiple Running Copies	No
	Cache after Displaying	No
	Title Bar	Yes
	System Menu	Yes
	Minimize Button	Yes
	Maximize Button	Yes
	Size to Main Window at Runtime	No
	Show last Acquired Value	No
	Use Current Size	Yes
	Allow Display to be Resized	Yes: When Resized - Pan
	Use Current Position	No (Position in Pixels: 541 x 0)
	Security Code	*
	Background Color	0x808000
Behavior	Startup Command	
	Shutdown Command	
	Input Field Not Selected Text Color	0x0

Input Field Not Selected Fill Color	0xFFFFFFFF
Input Field Selected Text Color	0xFFFFFFFF
Input Field Selected Fill Color	0xFFFFFFFF
Beep on Press of Interactive Object	No
Highlight when Cursor Passes Over Interactive Objects	Yes Highlight Color: 0x0
Highlight Color of Objects with Input Focus	0xFF00
Display On-screen Keyboard	No

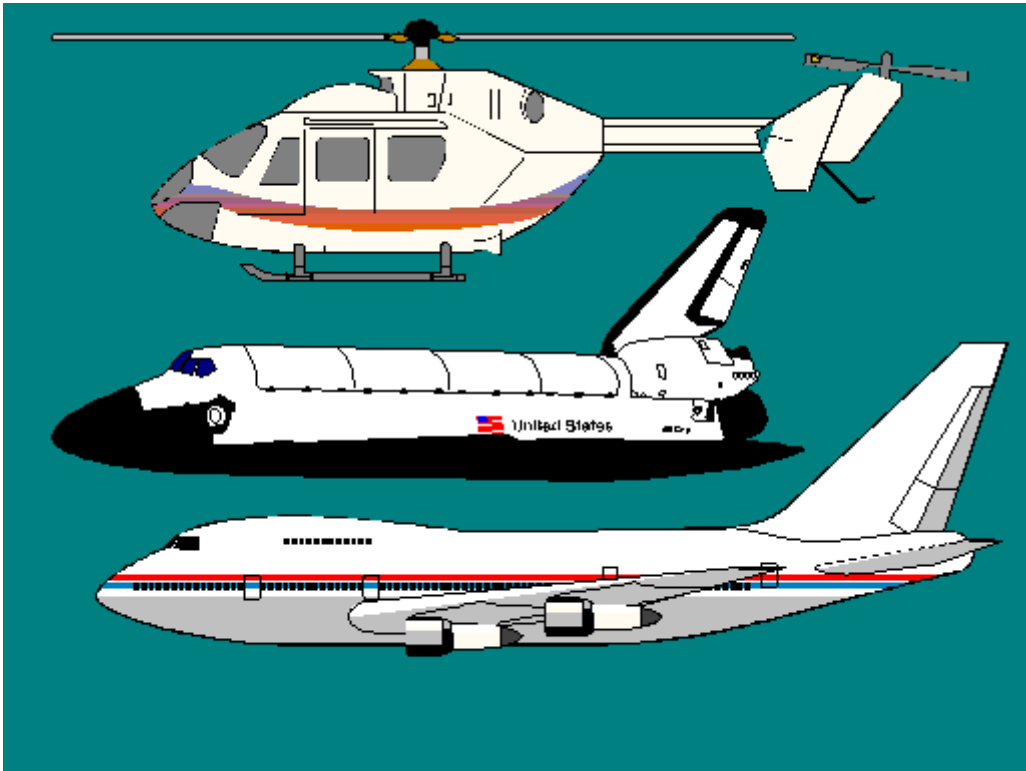
2.3.36.2 Animated Display Objects

Object Name	Grouping	X	Y	Property	Expression
Group3	++Group3	59	349		
Group2	++Group2	61	353		
Group2		61	353	Group: Fill Control	system\second
Group2	+-Group2				
Group3	+ -Group3				
Group20	++Group20	179	379		
Polygon		187	392	Polygon: Fill Control	system\second
Group20	+ -Group20				

2.3.36.3 Database Tags Used by the Component

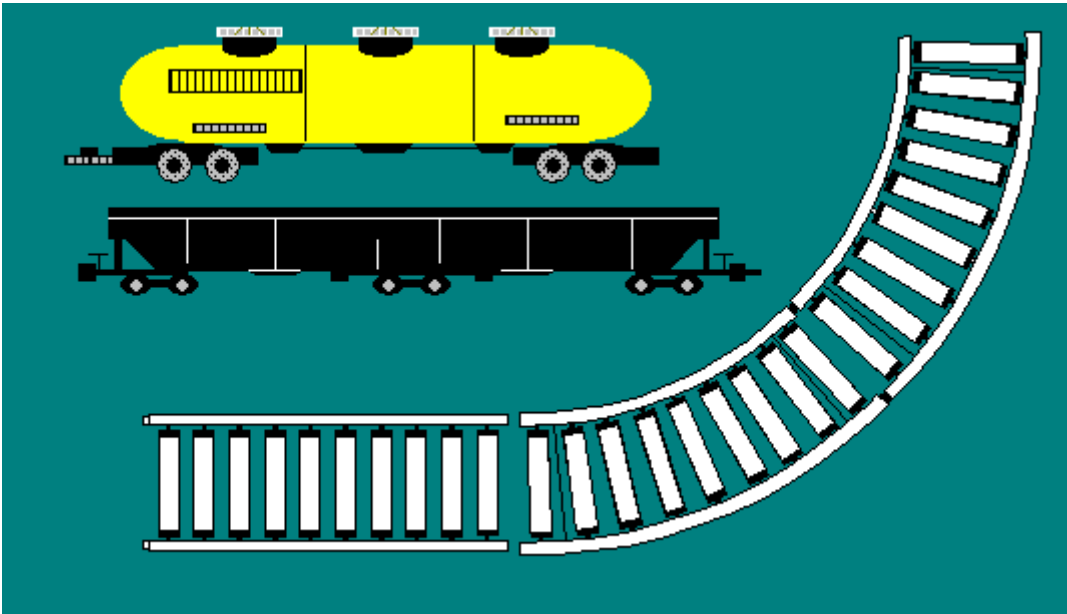
Tag Name	Tag Type	Tag Description
system\second	Analog	Seconds (0 - 59)

2.3.37 Graphics\Library\Transportation - Aircraft



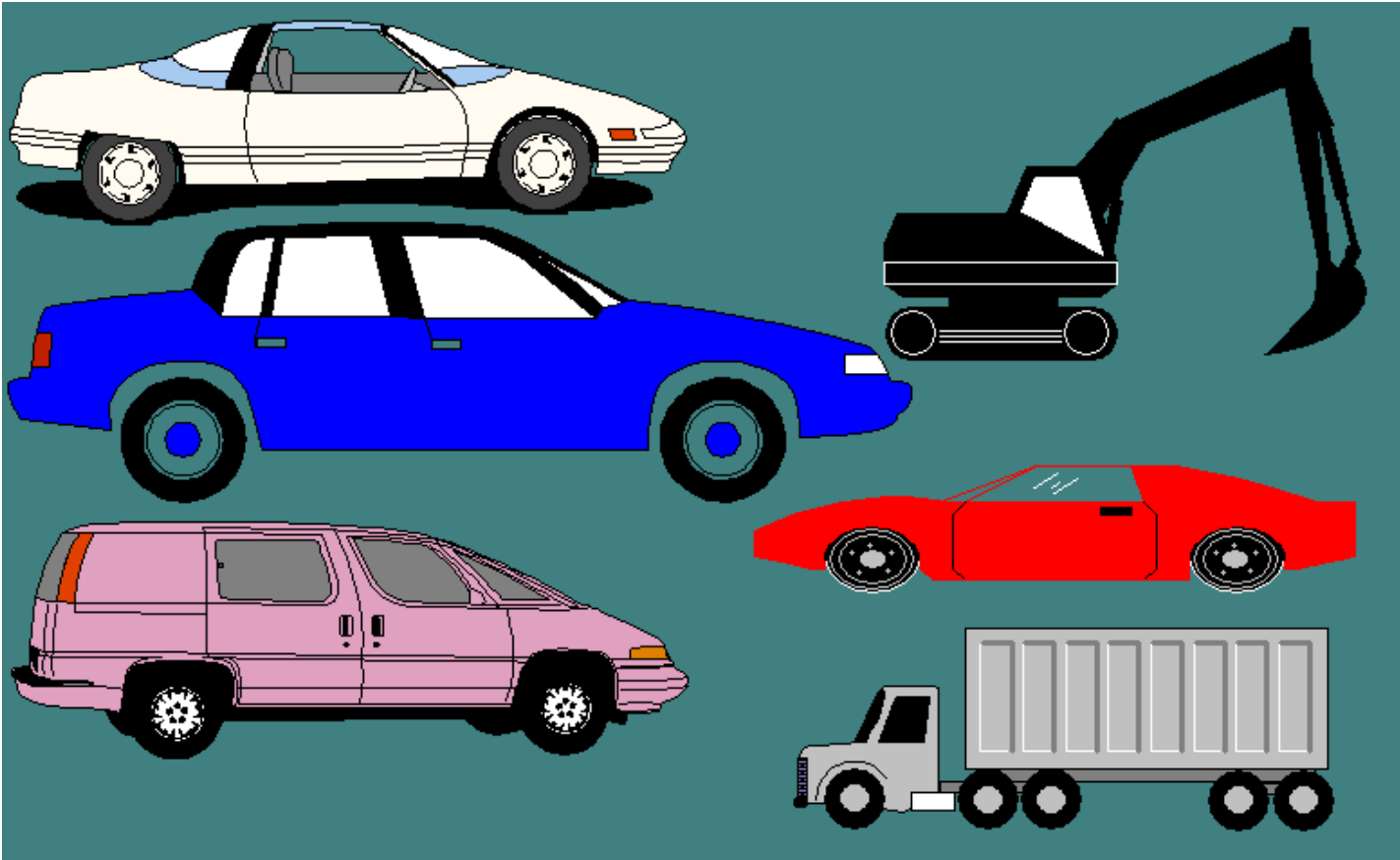
Section Properties	Option	Selection
	Display Type	Overlay
	Allow Multiple Running Copies	No
	Cache after Displaying	No
	Title Bar	Yes
	System Menu	Yes
	Minimize Button	Yes
	Maximize Button	No
	Size to Main Window at Runtime	No
	Show last Acquired Value	Yes
	Use Current Size	No (Size in Pixels: 512 x 384)
	Allow Display to be Resized	Yes: When Resized - Scale
	Use Current Position	No (Position in Pixels: 498 x 0)
	Security Code	*
	Background Color	0x808000
Behavior	Startup Command	
	Shutdown Command	
	Input Field Not Selected Text Color	0x0
	Input Field Not Selected Fill Color	0xC0C0C0
	Input Field Selected Text Color	0xFFFFFFFF
	Input Field Selected Fill Color	0x800000
	Beep on Press of Interactive Object	No
	Highlight when Cursor Passes Over Interactive Objects	Yes Highlight Color: 0x0
	Highlight Color of Objects with Input Focus	0xFF00
	Display On-screen Keyboard	No

2.3.38 Graphics\Library\Transportation - Trains



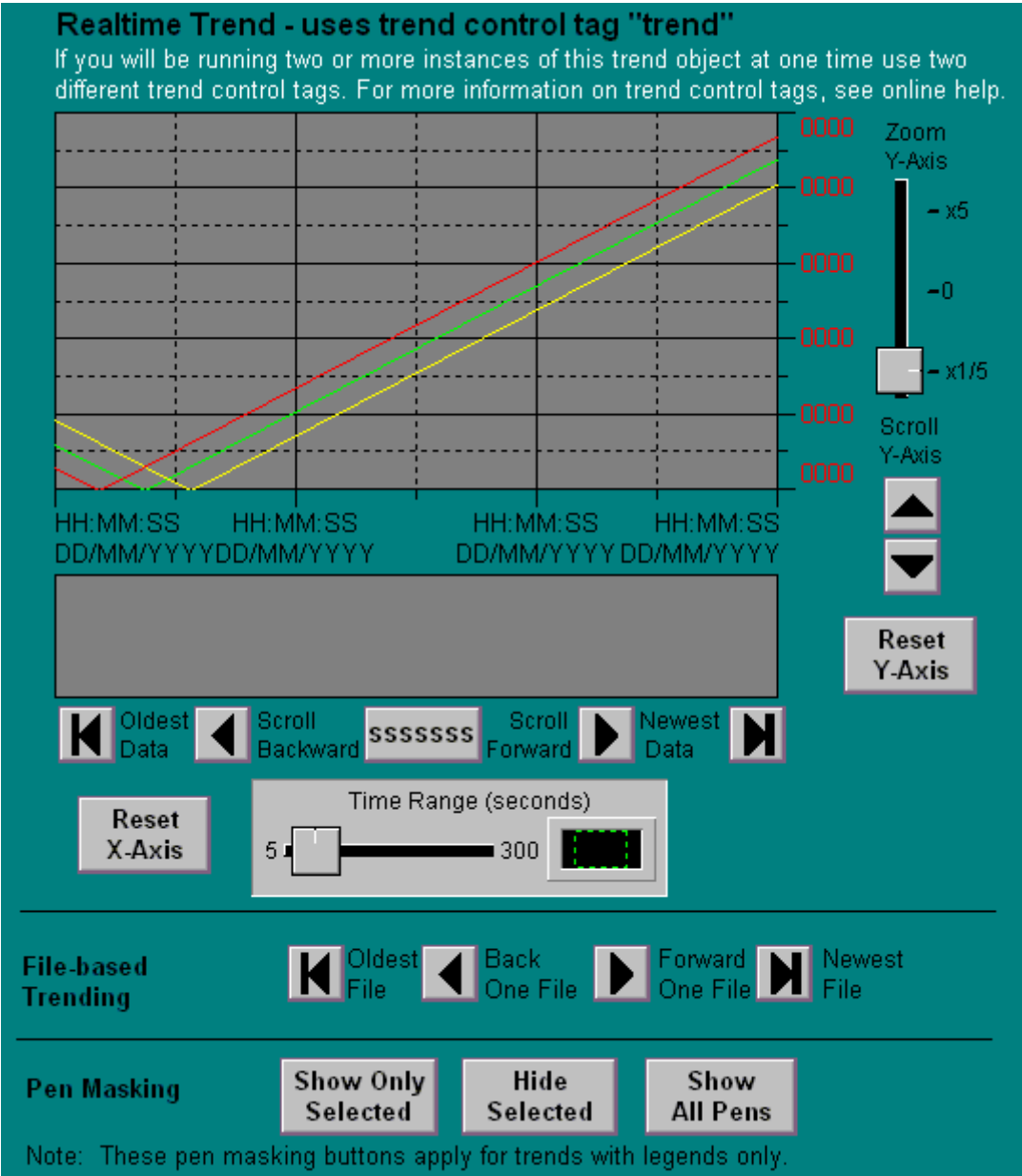
Section	Option	Selection
Properties	Display Type	Overlay
	Allow Multiple Running Copies	No
	Cache after Displaying	No
	Title Bar	Yes
	System Menu	Yes
	Minimize Button	No
	Maximize Button	Yes
	Size to Main Window at Runtime	No
	Show last Acquired Value	No
	Use Current Size	No (Size in Pixels: 533 x 306)
	Allow Display to be Resized	Yes: When Resized - Scale
	Use Current Position	No (Position in Pixels: 449 x 0)
	Security Code	*
	Background Color	0x808000
Behavior	Startup Command	
	Shutdown Command	
	Input Field Not Selected Text Color	0x0
	Input Field Not Selected Fill Color	0xA0A0A0
	Input Field Selected Text Color	0xFFFFFF
	Input Field Selected Fill Color	0xFFFFFF
	Beep on Press of Interactive Object	Yes
	Highlight when Cursor Passes Over Interactive Objects	Yes Highlight Color: 0x800000
	Highlight Color of Objects with Input Focus	0xFF8000
	Display On-screen Keyboard	No

2.3.39 Graphics\Library\Transportation - Vehicles



Section	Option		Selection	
	Properties	Display Type	Overlay	No
Behavior		Allow Multiple Running Copies		No
		Cache after Displaying		No
		Title Bar		Yes
		System Menu		Yes
		Minimize Button		Yes
		Maximize Button		No
		Size to Main Window at Runtime		No
		Show last Acquired Value		Yes
		Use Current Size		No (Size in Pixels: 777 x 478)
		Allow Display to be Resized		Yes: When Resized - Scale
		Use Current Position		No (Position in Pixels: 227 x 0)
		Security Code		*
		Background Color		0x808040
		Startup Command		
		Shutdown Command		
		Input Field Not Selected Text Color		0x0
		Input Field Not Selected Fill Color		0xC0C0C0
		Input Field Selected Text Color		0xFFFFFFFF
		Input Field Selected Fill Color		0x800000
		Beep on Press of Interactive Object		No
		Highlight when Cursor Passes Over Interactive Objects		Yes Highlight Color: 0x0
		Highlight Color of Objects with Input Focus		0xFF00
		Display On-screen Keyboard		No

2.3.40 Graphics\Library\Trends



2.3.40.1 Display Settings

Section	Option	Selection
Properties	Display Type	Overlay
	Allow Multiple Running Copies	No
	Cache after Displaying	No
	Title Bar	Yes
	System Menu	Yes
	Minimize Button	Yes
	Maximize Button	Yes
	Size to Main Window at Runtime	No
	Show last Acquired Value	No
	Use Current Size	No (Size in Pixels: 536 x 616)
	Allow Display to be Resized	Yes: When Resized - Pan
	Use Current Position	No (Position in Pixels: 448 x 0)
	Security Code	*
	Background Color	0x808000
	Startup Command	
	Shutdown Command	
Behavior		

Input Field Not Selected Text Color	0xFF00
Input Field Not Selected Fill Color	0x0
Input Field Selected Text Color	0xFFFF00
Input Field Selected Fill Color	0x0
Beep on Press of Interactive Object	No
Highlight when Cursor Passes Over Interactive Objects	Yes Highlight Color: 0xFFFFFF
Highlight Color of Objects with Input Focus	0xFF00
Display On-screen Keyboard	No

2.3.40.2 Animated Display Objects

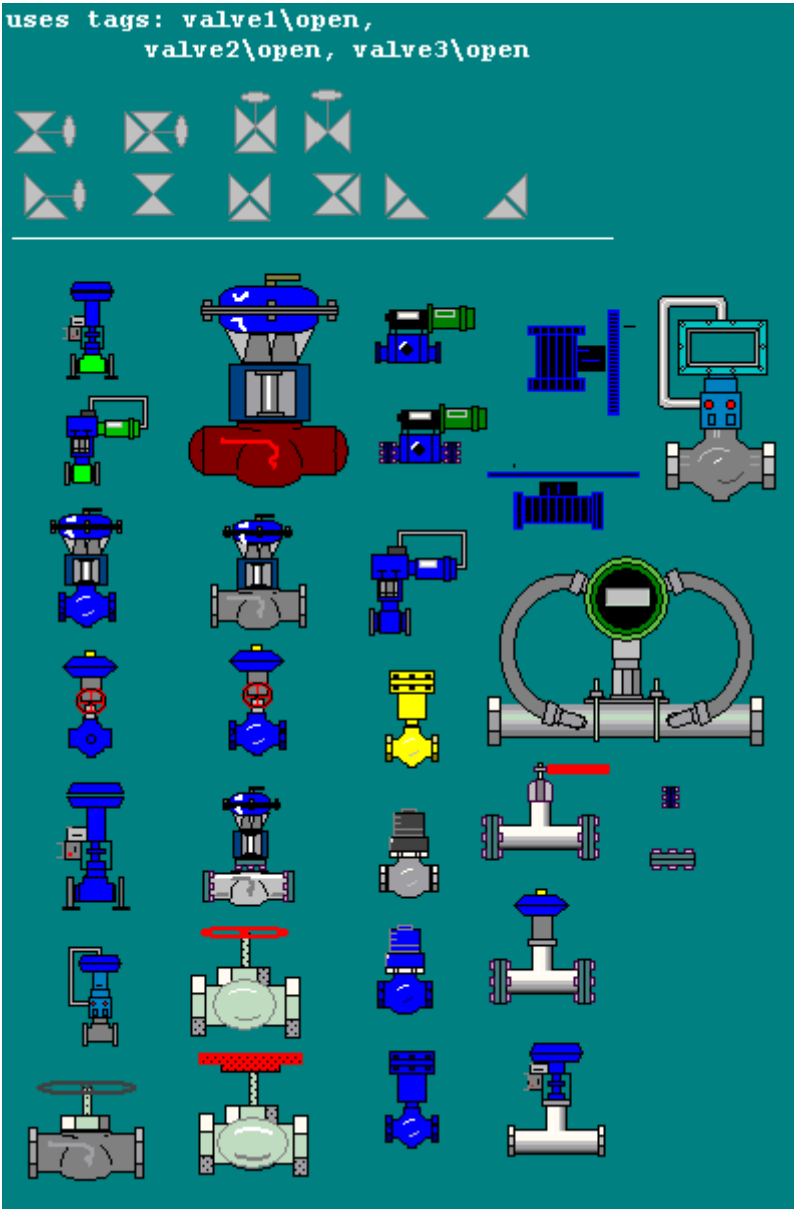
Object Name	Grouping	X	Y	Property	Expression
Group19	++Group19	28	57		
Trend		28	57	Trend: Control Tag	trend
				Trend: Pen1	system\second
				Trend: Pen2	system\minute
				Trend: Pen3	system\hour
Group8	++Group8	131	406		
Group4	++Group4	152	431		
Group4		152	431	Group: Horizontal Slider	trend\timerange
Group4	+-Group4				
Group7	++Group7	286	426		
NumericInput1		300	433	Numeric Input	trend\timerange
Group7	+-Group7				
Group8	+-Group8				
Group15	++Group15	458	60		
Group12	++Group12	458	92		
Group11	++Group11	458	180		
Group11		458	180	Group: Vertical Slider	trend\ymag
Group11	+-Group11				
Group12	+-Group12				
Group15	+-Group15				
Group16	++Group16	460	214		
Button1		462	248	Button: Touch Control: Press Action	trend\yoffset = trend\yoffset + 10
Button2		462	280	Button: Touch Control: Press Action	trend\yoffset = trend\yoffset - 10
Group16	+-Group16				
Button3		441	321	Button: "Reset Y-Axis": Touch Control: Press Action	trend\yoffset=0 trend\ymag=0
Group18	++Group18	30	368		
Button4		381	368	Button: Touch Control: Press Action	trend\starttime = trend\Newesttime
Button5		302	368	Button: Touch Control: Press Action	trend\starttime = trend\starttime + trend\timerange
Button6		101	368	Button: Touch Control: Press Action	trend\starttime = trend\starttime - trend\timerange
Button7		30	368	Button: Touch Control: Press Action	trend\starttime = trend\oldesttime + trend\timerange
Group17	++Group17	190	368		
Button8		190	368	Button Toggle	trend\paused
				Button Toggle: Touch Control: Press Action	Toggle trend\paused
Label1		193	376	Label: Status	trend\Paused
Group17	+-Group17				
Group18	+-Group18				

5/5/2019				Graphics_Library_Trends.html	
Button9		40	415	Button: "Reset X-Axis": Touch Control: Press Action	trend\TimeRange = 60
Group19	+-Group19				
Group20	++Group20	150	492		
Button10		395	493	Button: Touch Control: Press Action	trend\Currentfile = trend\CurrentFile + trend\NewestFile
Button11		310	493	Button: Touch Control: Press Action	trend\currentfile = trend\currentfile + 1
Button12		220	493	Button: Touch Control: Press Action	trend\currentfile = trend\currentfile - 1
Button13		150	493	Button: Touch Control: Press Action	trend\currentfile = trend\currentfile + trend\oldestfile
Group20	+-Group20				
Group21	++Group21	146	552		
Button14		146	552	Button: "Show Only Selected": Touch Control: Press Action	trend\penmask = 1 << (trend\currentpen - 1)
Button15		241	552	Button: "Hide Selected": Touch Control: Press Action	trend\penmask = trend\penmask & ~(1 << (trend\currentpen - 1))
Button16		337	552	Button: "Show All Pens": Touch Control: Press Action	trend\penmask = 65535
Group21	+-Group21				

2.3.40.3 Database Tags Used by the Component

Tag Name	Tag Type	Tag Description
system\hour	Analog	Hour of day (0 - 23)
system\minute	Analog	Minutes (0 - 59)
system\second	Analog	Seconds (0 - 59)
trend\currentfile	Analog	Current datalog file displayed by trend.
trend\currentpen	Analog	Current trend pen selected.
trend\NewestFile	Analog	Offset to the newest data log file.
trend\Newesttime	Analog	Time of newest data available to trend
trend\oldestfile	Analog	Offset to the oldest data log file.
trend\oldesttime	Analog	Time of oldest data available to trend.
trend\paused	Digital	Pause trend display at current time
trend\penmask	Analog	Enable/disable display of trend pens
trend\starttime	Analog	Current start time of the trend.
trend\timerange	Analog	Time range in seconds of trend display
trend\ymag	Analog	Magnification of trend Y axis.
trend\yoffset	Analog	Offset of trend Y axis.

2.3.41 Graphics\Library\Valves



2.3.41.1 Display Settings

Section	Option	Selection
Properties	Display Type	Overlay
	Allow Multiple Running Copies	No
	Cache after Displaying	No
	Title Bar	Yes
	System Menu	Yes
	Minimize Button	Yes
	Maximize Button	Yes
	Size to Main Window at Runtime	No
	Show last Acquired Value	No
	Use Current Size	No (Size in Pixels: 396 x 604)
	Allow Display to be Resized	Yes: When Resized - Pan
	Use Current Position	No (Position in Pixels: 663 x 0)
	Security Code	*
	Background Color	0x808000
	Startup Command	
	Shutdown Command	
Behavior		

Input Field Not Selected Text Color	0x0
Input Field Not Selected Fill Color	0xFFFFFFFF
Input Field Selected Text Color	0xFFFFFFFF
Input Field Selected Fill Color	0xFFFFFFFF
Beep on Press of Interactive Object	No
Highlight when Cursor Passes Over Interactive Objects	Yes Highlight Color: 0x0
Highlight Color of Objects with Input Focus	0xFF00
Display On-screen Keyboard	No

2.3.41.2 Animated Display Objects

Object Name	Grouping	X	Y	Property	Expression
Group3	++Group3	116	44		
Group1	++Group1	116	51		
Polygon		126	51	Polygon: Color Control	valve2\open1 OR valve2\open2
Polygon		116	51	Polygon: Color Control	valve2\open2
Polygon		116	64	Polygon: Color Control	valve2\open1
Group1	+-Group1				
Group3	+-Group3				
Group6	++Group6	61	54		
Group4	++Group4	61	54		
Polygon		64	54	Polygon: Color Control	valve2\open1 OR valve2\open2
Polygon		64	64	Polygon: Color Control	valve2\open2
Polygon		61	54	Polygon: Color Control	valve2\open1
Group4	+-Group4				
Group6	+-Group6				
Group9	++Group9	11	85		
Group7	++Group7	11	85		
Group7		11	85	Group: Color Control	valve1\open
Group7	+-Group7				
Group9	+-Group9				
Group12	++Group12	6	54		
Group10	++Group10	6	54		
Group10		6	54	Group: Color Control	valve1\open
Group10	+-Group10				
Group12	+-Group12				
Group15	++Group15	151	43		
Group13	++Group13	151	53		
Group13		151	53	Group: Color Control	valve1\open
Group13	+-Group13				
Group15	+-Group15				
Group17	++Group17	113	85		
Group16	++Group16	113	85		
Polygon		123	85	Polygon: Color Control	valve2\open1 OR valve2\open2
Polygon		113	85	Polygon: Color Control	valve2\open2
Polygon		113	98	Polygon: Color Control	valve2\open1
Group16	+-Group16				
Group17	+-Group17				
Group19	++Group19	155	85		
Group18	++Group18	155	85		
Polygon		155	85	Polygon: Color Control	valve2\open1 OR valve2\open2
Polygon		155	95	Polygon: Color Control	valve2\open2
Polygon		168	85	Polygon: Color Control	valve2\open1

Graphics_Library_Valves.html

file:///C:/Users/usuario/Desktop/TFM2/TFM-Dispermix-Programa/Disp_Html/Graphics_Library_Valves.html

3.1 Alarms\Alarm Setup

3.1.1 Setup

Option	Selection
Primary Path	c:\practicas\motorleds\dispermix\ALMLOG\
Generate alarms when approaching normal operating range	No
Use RSView32 6.0 Log File Format	No
Use long file names (if supported)	Yes

3.1.2 File Management

Start New Files	When to Start New Files	Delete Oldest Files	Number	Units
Periodic rate	Daily (Changed at Midnight)	No		

3.1.3 Severities

Severity	Log to File	Log to Printer	Internal Bell	External Bell
Severity 1	X			
Severity 2	X			
Severity 3	X			
Severity 4	X			
Severity 5	X			
Severity 6	X			
Severity 7	X			
Severity 8	X			
Out of Alarm	X			
Acknowledged	X			
Fault	X			
Suppression	X			

3.1.4 User Messages

Message Type	Message Format
Into Alarm message to disk	\11d \8t InAlm Tag \40n \15v \10u \10l
Into Alarm message to printer	\11d \8t InAlm Tag \40n \15v \10u \10l
Out of Alarm message to disk	\11d \8t OutAl Tag \40n \10l
Out of Alarm message to printer	\11d \8t OutAl Tag \40n \10l
Acknowledged message to disk	\11d \8t Acked Tag \40n
Acknowledged message to printer	\11d \8t Acked Tag \40n
Into Fault message to disk	\11d \8t InFlt Tag \40n \15v
Into Fault message to printer	\11d \8t InFlt Tag \40n \15v
Out of Fault message to disk	\11d \8t OutFI Tag \40n \15v
Out of Fault message to printer	\11d \8t OutFI Tag \40n \15v
Suppress On message to disk	\11d \8t SupOn Tag \40n
Suppress On message to printer	\11d \8t SupOn Tag \40n
Suppress Off message to disk	\11d \8t SupOf Tag \40n
Suppress Off message to printer	\11d \8t SupOf Tag \40n

4.1.1 Data Log\Data Log Setup\RSVIEW

4.1.1.1 Setup

Option	Selection
Model Name	RSVIEW
Model Description	Untitled datalog model
Log file identifier string	
Use long file names (if supported)	Yes
Database Storage Format	dBase IV (Wide)
Number of Digits (including decimal point)	17
Digits after decimal point	8
String value width	255
Log milliseconds in separate field	Yes

4.1.1.2 Paths

Option	Selection
Primary logging path	c:\practicas\motorleds\dispermix\DLGLOG
Primary logging path is	Relative to project

4.1.1.3 File Management

Start New Files	When to Start New Files	Delete Oldest Files	Number	Units
Periodic rate	Hourly	No		

4.1.1.4 LogTriggers

Option	Selection
Trigger type	Periodic rate
Interval	1 Tenths

4.1.1.5 Database Tags Used by the Component

Tag Name	Tag Type	Tag Description
Variables_de_control\Densidad	Analog	Densidad de la mezcla
Variables_de_control\TempAct	Analog	Temperatura actual de la mezcla.
Variables_de_control\ViscosidadActual	Analog	Viscosidad actual.

5.1.1 Logic and Control\Derived Tags\DTE

Derived Tag file

5.1.1.1 Derived Tags Setup

Option	Selection
Description	Derived Tag file
Evaluation	Periodic
Evaluation Interval	1.000000 (Seconds)

5.1.1.2 Derived Tags Information

	Tag Name	Expression	Description
1	Variables_de_control\desbordamiento	if (Variables_de_control\AlturaLiquido>1900) then 1 else 0	

5.1.1.3 Database Tags Used by the Component

Tag Name	Tag Type	Tag Description
Variables_de_control\AlturaLiquido	Analog	Altura de la mezcla actual.
Variables_de_control\desbordamiento	Digital	Desbordamiento del tanque de mezcla

5.2.1 Logic and Control\Events\EVE

Event file

5.2.1.1 Event Detector Setup

Option	Selection
Description	Event file
Evaluation	Periodic
Evaluation Interval	1.000000 (Seconds)

5.2.1.2 Event Detector Information

	Enabled	Action	Expression	Description
1	Yes	TocaTecho	if (Variables_de_control\desbordamientocontacto=1) then ((Variables_de_control\Marcha=0) && (Variables_de_control\SetaMotor=0) && (Variables_de_control\REVMotor=0) && (Variables_de_control\FWMotor=0) && (Variables_de_control\Verter=0) && (Variables_de_control\Valvula=0) && (Variables_de_control\Bomba=0) && (SalidasDigitales\PistonBajada=0) && (SalidasDigitales\Pistonsubida=0) && (Variables_de_control\Velocidad=0) && (Variables_de_control\ParodeProceso=1) && (Variables_de_control\ParoEmergencia=1)) else 0	

5.2.1.3 Database Tags Used by the Component

Tag Name	Tag Type	Tag Description
SalidasDigitales\PistonBajada	Digital	Descenso del pistón
SalidasDigitales\Pistonsubida	Digital	Ascenso del pistón
Variables_de_control\Bomba	Digital	Variable empleada en automatico para activar la bomba
Variables_de_control\desbordamientocontacto	Digital	Se a activado el sensor de desbordamiento
Variables_de_control\FWMotor	Digital	Indicación del sentido de giro del motor en automatico como forward
Variables_de_control\Marcha	Digital	Marcha del motor en automático
Variables_de_control\ParodeProceso	Digital	Paro del proceso una vez pulsado vertir.
Variables_de_control\ParoEmergencia	Digital	Paro total de la máquina/Puesta en posición inicial.
Variables_de_control\REVMotor	Digital	Indicación del sentido de giro del motor en modo automático como reverse.
Variables_de_control\SetaMotor	Digital	Activación de la seta del motor en modo automático.
Variables_de_control\Valvula	Digital	Indicación de la posición de la valvula.
Variables_de_control\Velocidad	Analog	Velocidad que tiene actualmente el motor.
Variables_de_control\Verter	Digital	Se desea verter la mezcla.

5.3.1 Logic and Control\Macro\Macro

Description

!==== Macro File created 07/26/18 =====
! Macros are lists of commands, with one command per line
! See Help or the manual for a list of commands and their parameters
!=====

Datalogon RSVIEW

5.3.2 Logic and Control\Macro\Out

Description

!==== Macro File created 07/27/18 =====
! Macros are lists of commands, with one command per line
! See Help or the manual for a list of commands and their parameters
!=====

Datalogoff RSVIEW