

Heavac initialisation

Generate a flag which is always high (Always_1)

Binary_schedule1 flag is connected to BACnet Binary Value 1 object.
Binary Value 1 object is referenced to the Scheduler Binary 1 object
via its List Of Object Property References.

Binary Value object must be Read / Writable and can be Commandable.

If Binary Value 1 object is commandable the priority array can be used for writing by Schedule object.

The settings of the Scheduler Binary 1:

Every day from 12:00 pm to 16:pm the Schedule sets the Binary
Value 1 active. Out of this period the Binary Value 1 is inactive.

Binary_scheduler3 flag is connected to BACnet Binary Value 2 object.
Binary Value 2 object is referenced to the Schedule Binary 3 object
via its List Of Object Property References.

Binary Value object must be Read / Writable and can be Commandable.

If Binary Value 2 object is commandable the priority array can be used.

The settings of the Scheduler Binary 3:

Everyday, every minute in the first 30 second the scheduler sets
the the Binary Value 2 active. Out of this periode the Binary Value 2 is
inactive.

Analog_scheduler2 register is connected to BACnet Analog Output 1 object.
Analog Output 1 object is referenced to a Scheduler Analog 2 object via its
List Of Object Property References.

The settings of the Scheduler Analog 2:

Everyday from 12:00 pm to 16:30 pm the scheduler writes 55.6 into
the Analog Output 1. Every wednesday before 12:00 pm and after 16:30 pm
the scheduler writes 0.00 into the Analog Output 1.

Analog_scheduler4 register is connected to BACnet Analog Output 2 object.
Analog Output 2 object is referenced to a Scheduler Analog 4 object via its
List Of Object Property References.

The settings of the Scheduler Analog 4:

Everyday 0-30 sec the scheduler writes 34.0 into the Analog Output 2.

Everyday 30-45 sec the scheduler writes 82.0 into the Analog Output 2.

Everyday 45-60 sec the scheduler writes 12.0 into the Analog Output 2.

Seite 2:

Calendar:

Calendar flag is connected to the Calendar 1 BACnet object as present value.

The settings of the Calendar object:

18th of every month the present value should be active else inactive.

Scheduler:

Calendar 1 BACnet object is connected to Schedule Binary 5 BACnet object
as an Exception Schedule.

The Shedule settings:

Weekly schedule:

Everyday from 6:00 to 18:00 should be active else inactive.

Exception schedule:

The settings of the Calendar BACnet object AND additonal settings.

18th of every month the present value should be active else

The Exception Schedule has higher priority so that these days (18th) the Exception Schedule settings are valid.

The Scheduler Binary 5 BACnet object has a reference link to Binary Value 3 BACnet object. (link via schedule List Of Object Property References)

Binary Value 3 object Present Value must be Read / Write.
The Present Value of Binary Value 3 is put to the Binary_Scheduler5 Flag in the controller.

Seite 3:

Blink

Counter counts the blink signals up to 100

Counter present value multiplied by 10 to have wider range of signal.

Counter_Cnt register is connected to the Analog Input 1 BACnet object as present value.

Analog Input 1 object is connected to Trendlog 1 BACnet object as Log Device Object Property.

The Trendlog object can only trend from BACnet objects, direct connection to PLC register or flag is not possible.

Trendlog settings:

Log Enable : Enable or disable logging
 If the Enable Log is connected to a PLC Ressource -->
the start and stop times are out of function.

Start/Stop Time Trendlog does the trending between specified period and overrides the Log Enable regarding to the specified times. (only if Log Enable is not mapped to a PLC Ressource)

(Start Time -- Stop Time don't use wildcard)
from 29/10/2007 6:00 am to 29/12/2008 11:00 pm.

Log Interval: Logging interval in hundredth of seconds
If Time Interval is 0 than the Client COV Increment is used.
the settings is 3000 which means 1 value / 30sec.

Client COV Increment: The smallest change of value after which makes a new trend entry is made

Stop When Full: True (mandatory if you trend to Flash!)
trending will be stopped when the card is full.
False you can use ring buffer in SRAM only

Buffer Size: Max ammount ot trend entries
in our example 10000.

Log Buffer:
SRAM in the PLC memory

Flash memory

M1 FLASH:/TRENDLOG

M2_FLASH:/TRENDLOG

SL0FLASH:/ TRENDLOG
SL1FLASH:/ TRENDLOG
SL2FLASH:/ TRENDLOG
SL3FLASH:/ TRENDLOG

The TRENDLOG folder will be automatically generated on the flashcard.