

Dok. version: 0004
Datum: 2020-09-14
Mjukvara för: GreenMaster-XXL Chalmers

CPU CX8190

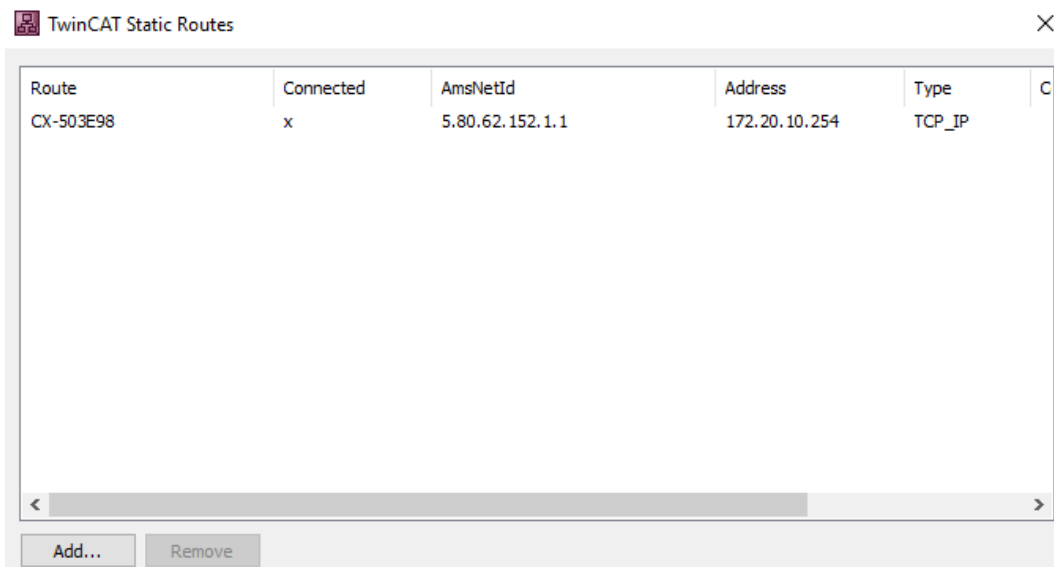
CX-503E98

AmsNetId

CX-503E98: 5.80.62.152.1.1
drift-nibe: 172.20.100.39.1.1

Routing

I instansen drift-nibe finns:



The screenshot shows the 'TwinCAT Static Routes' window. It contains a table with the following data:

Route	Connected	AmsNetId	Address	Type	C
CX-503E98	x	5.80.62.152.1.1	172.20.10.254	TCP_IP	

At the bottom of the window, there are two buttons: 'Add...' and 'Remove'.

Tagglista ADS

Inställningar

Prefix för inställningar: ADS_CTH.Tags.Settings

GM_CX8190.PLC1.ADS_CTH			
Expression	Type	Value	Comment
Tags	AdsTagsCTH		
Settings	GreenMasterSetting...		Settings for the GreenMaster unit
EN	BOOL	TRUE	Enable GreenMaster unit
ResetAlarms	BOOL	FALSE	Reset alarms
VentilationEN	BOOL	TRUE	Enable ventilation
TemperatureControlEN	BOOL	TRUE	Enable temperature ...ol (during ventilation)
Temperature_SP	LREAL	20	Temperature Set Point, C
TemperatureControl_P	LREAL	0.05	Temperature control P
TemperatureControl_I	TIME	T#2m	Temperature control I
TemperatureControl_D	TIME	T#0ms	Temperature control D
StartupHeatRecoveryTime	LTIME	LTIME#0ns	Time at startup to recover
PostFireVentilationTime	LTIME	LTIME#1m	Time to ventilate whe...urning to operation ...
SupplyFanControlMode	FANCONTROLTYPES	Pressure	Control mode (pressure or flow) for supply air
SupplyFan_SP	LREAL	320	Supply air control Set Point
SupplyFanControl_P	LREAL	0.002	Supply air control P
SupplyFanControl_I	TIME	T#2m	Supply air control I
ExtractFanControlMode	FANCONTROLTYPES	Pressure	Control mode (pressure or flow) for extract air
ExtractFan_SP	LREAL	200	Extract air control Set Point
ExtractFanControl_P	LREAL	0.002	Extract air control P
ExtractFanControl_I	TIME	T#2m	Extract air control I
SV31_M	BOOL	FALSE	Recycling control valve manual override
TF1_M	BOOL	FALSE	Supply air fan control manual override
FF1_M	BOOL	FALSE	Extract air fan control manual override
SV21_M	BOOL	FALSE	Heat supply pump control manual override
SV31_MCMD	LREAL	0	Recycling control valve manual override value
TF1_MCMD	LREAL	0	Supply air fan control manual override value
FF1_MCMD	LREAL	0	Extract air fan control manual override value
SV21_MCMD	LREAL	0	Heat supply pump con...manual override value




























Status

Prefix för status: ADS_CTH.Tags.Status

GM_CX8190.PLC1.ADS_CTH			
Expression	Type	Value	Comment
Tags	AdsTagsCTH		
Settings	GreenMasterSetting...		Settings for the GreenMaster unit
Status	GreenMasterStatus...		Status for the GreenMaster unit
CentralFire_AL	BOOL	TRUE	Central fire alarm activated
Fire_AL	BOOL	TRUE	Fire alarm activated
Fuse_AL	BOOL	TRUE	Fuse alarm activated
ServiceSupplyAir_AL	BOOL	FALSE	Service alarm for supply air sensors activated
TF1_AL	BOOL	TRUE	Supply air fan alarm
FF1_AL	BOOL	TRUE	Extract air fan alarm
P1_V1	BOOL	FALSE	Circulation pump running
P1_AL	BOOL	FALSE	Circulation pump alarm
P2_V1	BOOL	TRUE	Circulation pump running
P2_AL	BOOL	FALSE	Circulation pump alarm
Eff_V	LREAL	0.582847626977...	Efficiency (GT41-GT31)/(GT42-GT31)
P1_CMD	BOOL	FALSE	Circulation pump activated
P2_CMD	BOOL	TRUE	Circulation pump activated
ST702_CMD	BOOL	TRUE	Extract air damper open
ST701_ST21_CMD	BOOL	TRUE	Supply air damper open
GT42_V	LREAL	150	Extract air temperature
GT31_V	LREAL	17.89	Outdoor air temperature
GT81_V	LREAL	19.340000000000...	Freeze protection temperature
GT11_V	LREAL	20.03	Supply air (after heating)
GT43_V	LREAL	21.519999999999...	Exhaust air temperatur
GT21_V	LREAL	18.260000000000...	Recycling control
GT44_V	LREAL	20.28	Recycling control
GT45_V	LREAL	20.299999999999...	Recycling control
GT46_V	LREAL	18.010000000000...	Recycling control
GT41_V	LREAL	18.659999999999...	Recycling control
GF31_V	LREAL	4631.835061586...	Supply air flow
GF41_V	LREAL	5306.544614867...	Extract air flow
GP11_V	LREAL	318.9247397529...	Supply air pressure
GP12_V	LREAL	201.2128327203...	Extract air pressure
GP81_V	LREAL	129.1681239521...	Supply air filter pressure
GP82_V	LREAL	0.275715597509...	Extract air filter pressure
GP83_V	LREAL	4.856993240500...	Heact exchanger pressure
SV31_CMD	LREAL	100	Recycling control valve
TF1_CMD	LREAL	68.15752983093...	Supply air fan control
FF1_CMD	LREAL	71.588534116745	Extract air fan control
SV21_CMD	LREAL	0	Heat supply pump control

Tidkanaler

Prefix för tidkanaler: ADS_CTH.Schedule

GM_CX8190.PLC1.ADS_CTH			
Expression	Type	Value	Comment
 Tags	AdsTagsCTH		
 Settings	GreenMasterSetting...		Settings for the GreenMaster unit
 Status	GreenMasterStatus...		Status for the GreenMaster unit
 Schedule	ARRAY [0..7] OF Ti...		Operating schedule for the GreenMaster unit
 Schedule[0]	TimeChannelSettings		
 EN	BOOL	FALSE	Enables this time channel *)
 OnHour	UINT	0	Hour value of the switch-on time on the day
 OnMinute	UINT	0	Minute value of the switch-on time on the day
 OffHour	UINT	0	Hour value of the switch-off time on the day
 OffMinute	UINT	0	Minute value of the switch-off time on the day
 AllDays	BOOL	FALSE	Selects switch-on on all days
 Monday	BOOL	FALSE	-----
 Tuesday	BOOL	FALSE	
 Wednesday	BOOL	FALSE	
 Thursday	BOOL	FALSE	Selects switch-on on the respective day of th...
 Friday	BOOL	FALSE	
 Saturday	BOOL	FALSE	
 Sunday	BOOL	FALSE	-----
 SingleShot	BOOL	FALSE	Resets EN after the on/off cycle is complete
 Q	BOOL	FALSE	Current state of Result of the time channel
 Schedule[1]	TimeChannelSettings		
 Schedule[2]	TimeChannelSettings		
 Schedule[3]	TimeChannelSettings		
 Schedule[4]	TimeChannelSettings		
 Schedule[5]	TimeChannelSettings		
 Schedule[6]	TimeChannelSettings		
 Schedule[7]	TimeChannelSettings		