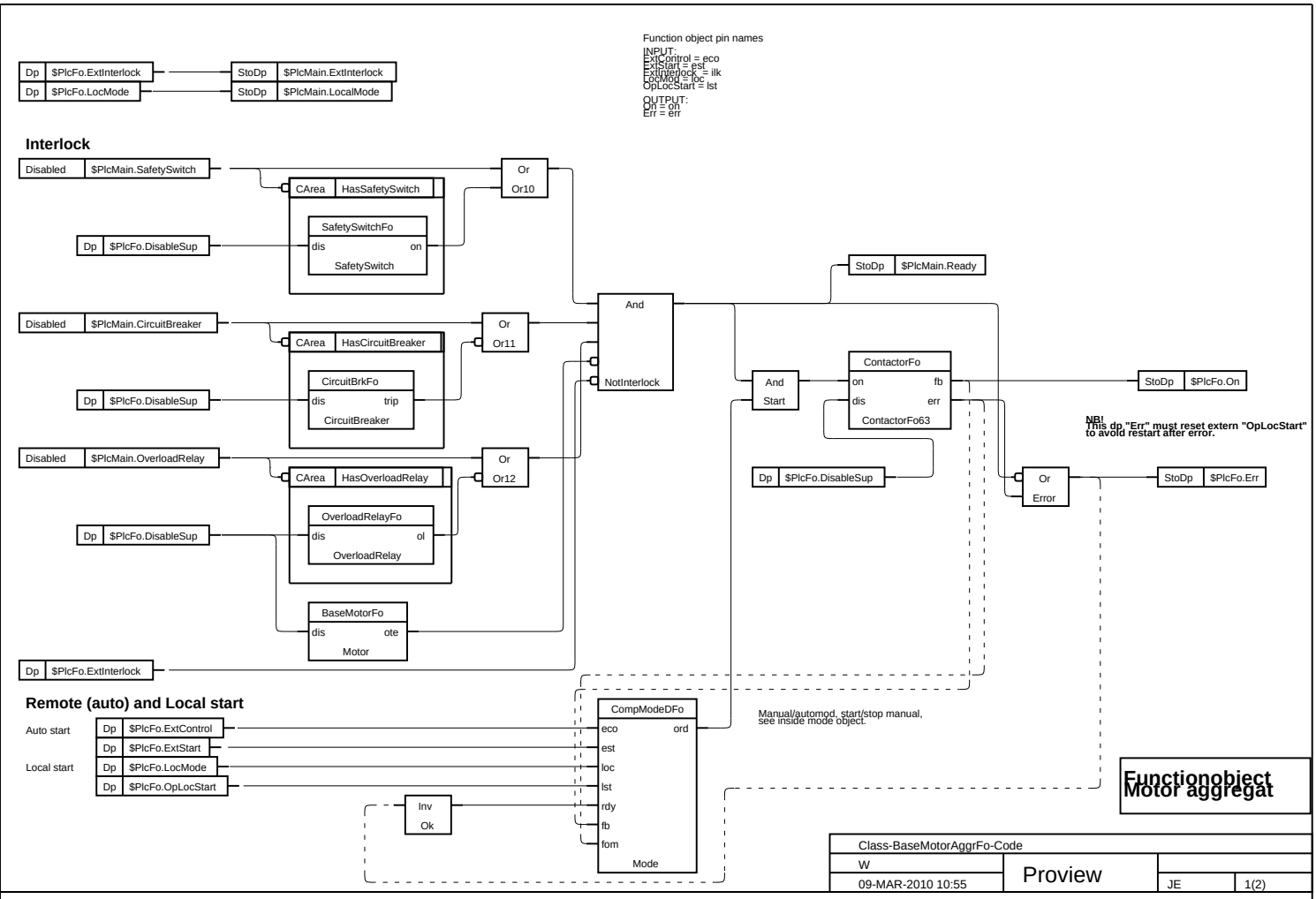
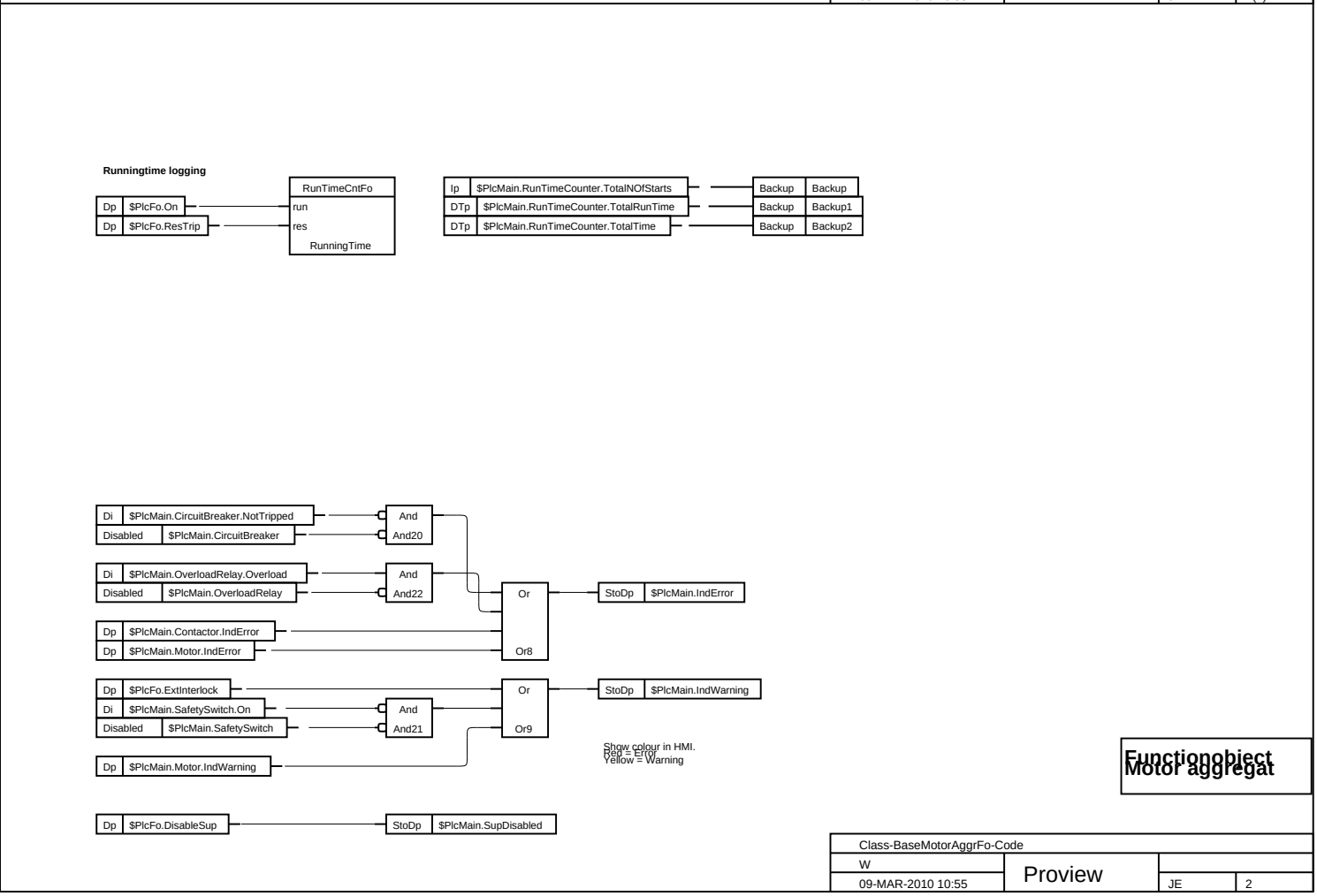

Function object pin names
INPUT:
ExtControl = eco
ExtStart = est
ExtInterlock = ilk
LocMod = loc
OpLocStart = lst
OUTPUT:
On = on
Err = err
Dp $PlcFo.ExtInterlock
StoDp $PlcMain.ExtInterlock
Dp $PlcFo.LocMode
StoDp $PlcMain.LocalMode
Interlock
Disabled $PlcMain.SafetySwitch
CArea HasSafetySwitch
SafetySwitchFo
dis on
SafetySwitch
Or
Or10
Dp $PlcFo.DisableSup
Disabled $PlcMain.CircuitBreaker
CArea HasCircuitBreaker
CircuitBrkFo
dis trip
CircuitBreaker
Or
Or11
Dp $PlcFo.DisableSup
Disabled $PlcMain.OverloadRelay
CArea HasOverloadRelay
OverloadRelayFo
dis ol
OverloadRelay
Or
Or12
Dp $PlcFo.DisableSup
BaseMotorFo
dis ote
Motor
Dp $PlcFo.ExtInterlock
And
NotInterlock
StoDp $PlcMain.Ready
And
Start
ContactorFo
on fb
dis err
ContactorFo63
StoDp $PlcFo.On
NB!
This dp "Err" must reset extern "OpLocStart"
to avoid restart after error.
Dp $PlcFo.DisableSup
Or
Error
StoDp $PlcFo.Err
Remote (auto) and Local start
Auto start
Dp $PlcFo.ExtControl
Dp $PlcFo.ExtStart
Local start
Dp $PlcFo.LocMode
Dp $PlcFo.OpLocStart
Inv
Ok
CompModeDFo
eco ord
est
loc
lst
rdy
fb
fom
Mode
Manual/automod, start/stop manual,
see inside mode object.
Functionobject
Motor aggregat
Class-BaseMotorAggrFo-Code
W
09-MAR-2010 10:55
Proview
JE
1(2)


Runningtime logging
Dp $PlcFo.On
Dp $PlcFo.ResTrip
RunTimeCntFo
run
res
RunningTime
Ip $PlcMain.RunTimeCounter.TotalNOfStarts
DTp $PlcMain.RunTimeCounter.TotalRunTime
DTp $PlcMain.RunTimeCounter.TotalTime
Backup Backup
Backup Backup1
Backup Backup2
Di $PlcMain.CircuitBreaker.NotTripped
Disabled $PlcMain.CircuitBreaker
And
And20
Di $PlcMain.OverloadRelay.Overload
Disabled $PlcMain.OverloadRelay
And
And22
Or
Or8
StoDp $PlcMain.IndError
Dp $PlcMain.Contactor.IndError
Dp $PlcMain.Motor.IndError
Dp $PlcFo.ExtInterlock
Di $PlcMain.SafetySwitch.On
Disabled $PlcMain.SafetySwitch
And
And21
Or
Or9
StoDp $PlcMain.IndWarning
Dp $PlcMain.Motor.IndWarning
Show colour in HMI.
Red = Error
Yellow = Warning
Dp $PlcFo.DisableSup
StoDp $PlcMain.SupDisabled
Functionobject
Motor aggregat
Class-BaseMotorAggrFo-Code
W
09-MAR-2010 10:55
Proview
JE
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