START & STOP LOGIC

0
Stop_Logic <Local:4:I.Data[1].8>   Start_Logic <Local:4:I.Data[1].7>   Lamp_Logic <Local:4:O.Data[0].4>

LAMP CONTROL

1
S1_Lamp_Control <Local:4:I.Data[1].9>   S3_Lamp_Control <Local:4:I.Data[1].11>   L1_Lamp_Control <Local:4:O.Data[0].5>
L2_Lamp_Control <Local:4:O.Data[0].6>
L3_Lamp_Control <Local:4:O.Data[0].7>

2
S2_Lamp_Control <Local:4:I.Data[1].10>   L4_Lamp_Control <Local:4:O.Data[0].8>
S3_Lamp_Control <Local:4:I.Data[1].11>   L5_Lamp_Control <Local:4:O.Data[0].9>

WARNING LIGHT CONTROL

3
S1_Warning_Light <Local:4:I.Data[1].12>   AmberLamp_Warning_Light <Local:4:O.Data[0].10>
S2_Warning_Light <Local:4:I.Data[1].13>
S3_Warning_Light <Local:4:I.Data[1].14>
S4_Warning_Light <Local:4:I.Data[1].15>

4
S1_Warning_Light <Local:4:I.Data[1].12>   S2_Warning_Light <Local:4:I.Data[1].13>   S3_Warning_Light <Local:4:I.Data[1].14>   S4_Warning_Light <Local:4:I.Data[1].15>   RedLamp_Warning_Light <Local:4:O.Data[0].11>

WARNING LAMP CONTROL

Rung 5:
Start_WarningLampControl <Local:4:I.Data[1].17>
AMBER_WarningLampControl <Local:4:O.Data[0].12> (L)
RED_WarningLampControl <Local:4:O.Data[0].14> (L)
GREEN_WarningLampControl <Local:4:O.Data[0].13> (L)

Rung 6:
Start_WarningLampControl <Local:4:I.Data[1].17>
GREEN_WarningLampControl <Local:4:O.Data[0].13> (U)

Rung 7:
Stop_WarningLampControl <Local:4:I.Data[1].16>
AMBER_WarningLampControl <Local:4:O.Data[0].12> (U)

Rung 8:
Stop_WarningLampControl <Local:4:I.Data[1].16>
AMBER_WarningLampControl <Local:4:O.Data[0].12>
RED_WarningLampControl <Local:4:O.Data[0].14> (U)

3-WAY - 2-LOCATIONS

Rung 9:
S1_3way2Loc <Local:4:I.Data[1].18>
S2_3way2Loc <Local:4:I.Data[1].19>
LAMP_3way2Loc <Local:4:O.Data[0].15>
S1_3way2Loc <Local:4:I.Data[1].18>
S2_3way2Loc <Local:4:I.Data[1].19>

4-WAY - 3-LOCATIONS - SIMPLIFIED

Rung 10:
S2_4way3Loc <Local:4:I.Data[1].21>
S1_4way3Loc <Local:4:I.Data[1].20>
S3_4way3Loc <Local:4:I.Data[1].22>
LAMP_4way3Loc <Local:4:O.Data[0].16>
S2_4way3Loc <Local:4:I.Data[1].21>
S1_4way3Loc <Local:4:I.Data[1].20>
S2_4way3Loc <Local:4:I.Data[1].21>
S1_4way3Loc <Local:4:I.Data[1].20>
S3_4way3Loc <Local:4:I.Data[1].22>
S2_4way3Loc <Local:4:I.Data[1].21>
S1_4way3Loc <Local:4:I.Data[1].20>

(End)