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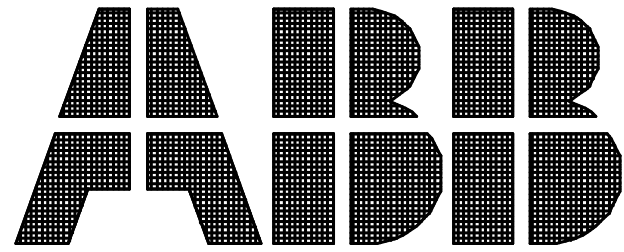
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Description : OP-PANEL & BASIC OPTIONS  
 Drawing number : 3HEA802299-001  
 Drawing version : 02  
 Date : 2009-02-20

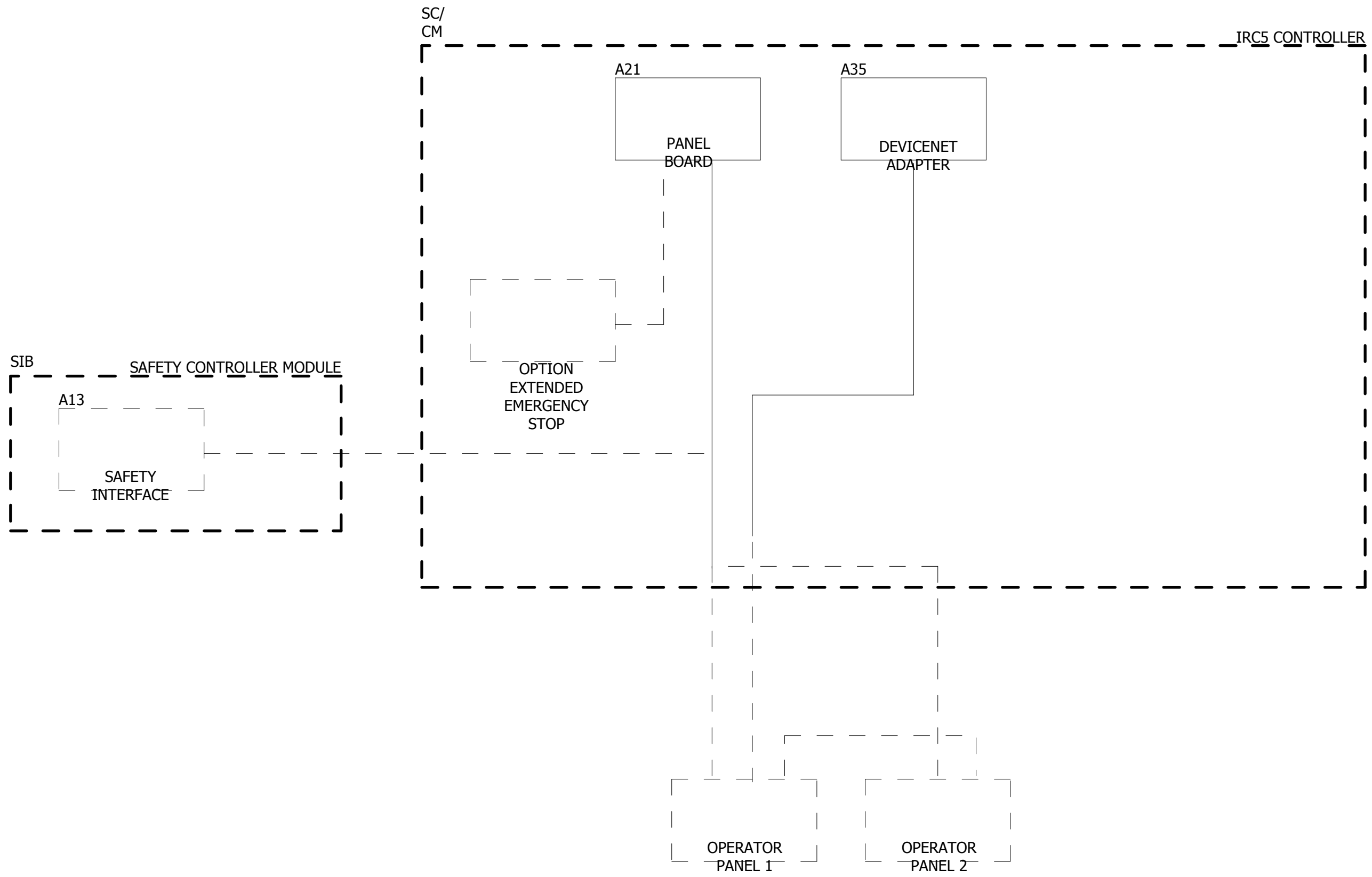
Customer :  
 Year of construction : 2009  
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Drawn by : PAW/PR  
 Number of pages : 9  
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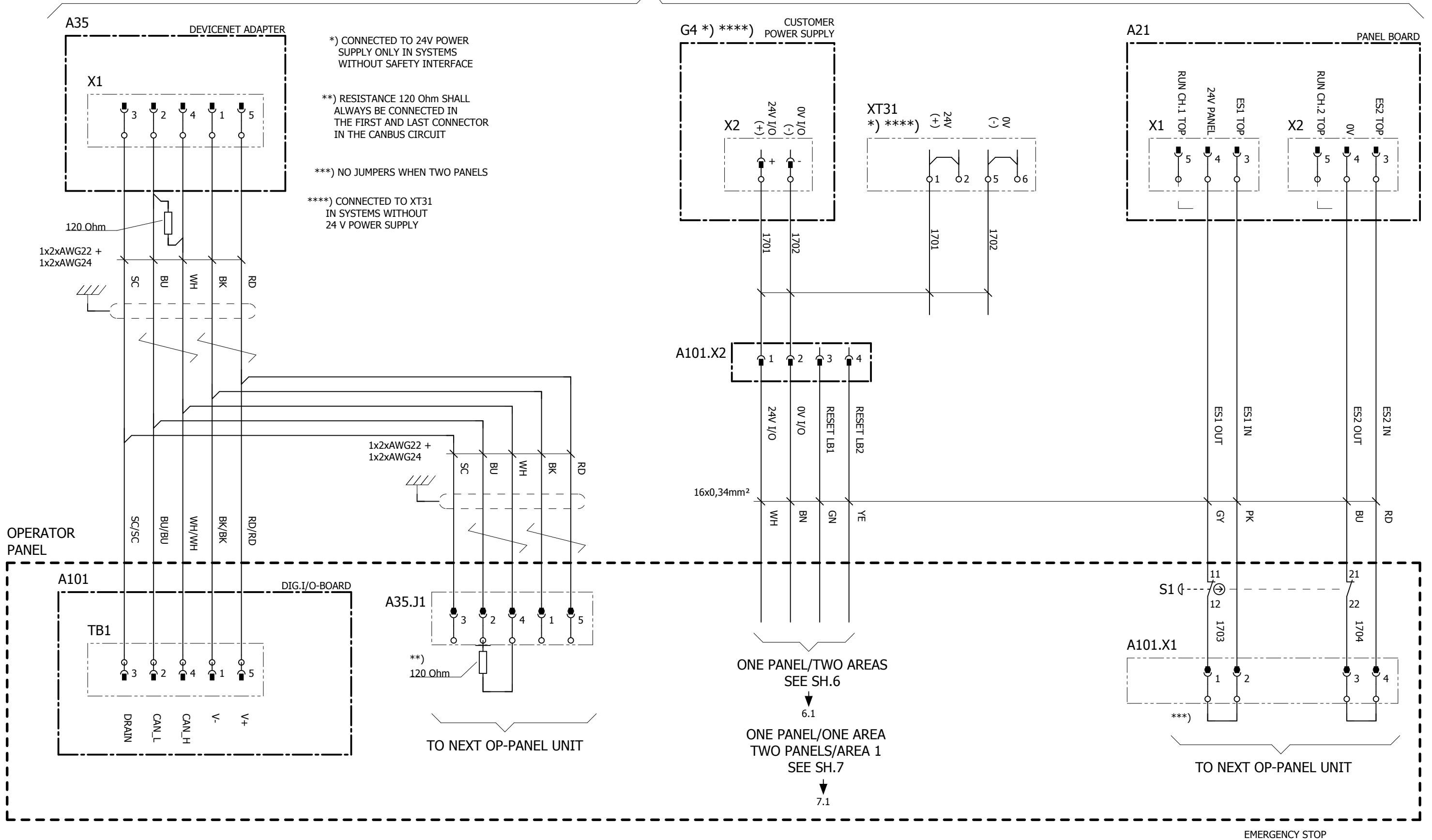


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CONNECTED WITH AWG 18 BU,  
IF NO OTHER NOTATION

SEE EL.DWGS FOR THE  
IRC5 CONTROLLER



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Latest revision:  
Rev. 02:Note \*\*\*\*) changed.Note \*\*\*\*\*) deleted.  
G6 deleted(1-6)

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**ABB** Lab/Office:  
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**OP-PANEL & BASIC OPTIONS**  
**OPTION OPERATOR PANEL,**  
**POWER SUPPLY/CAN BUS**

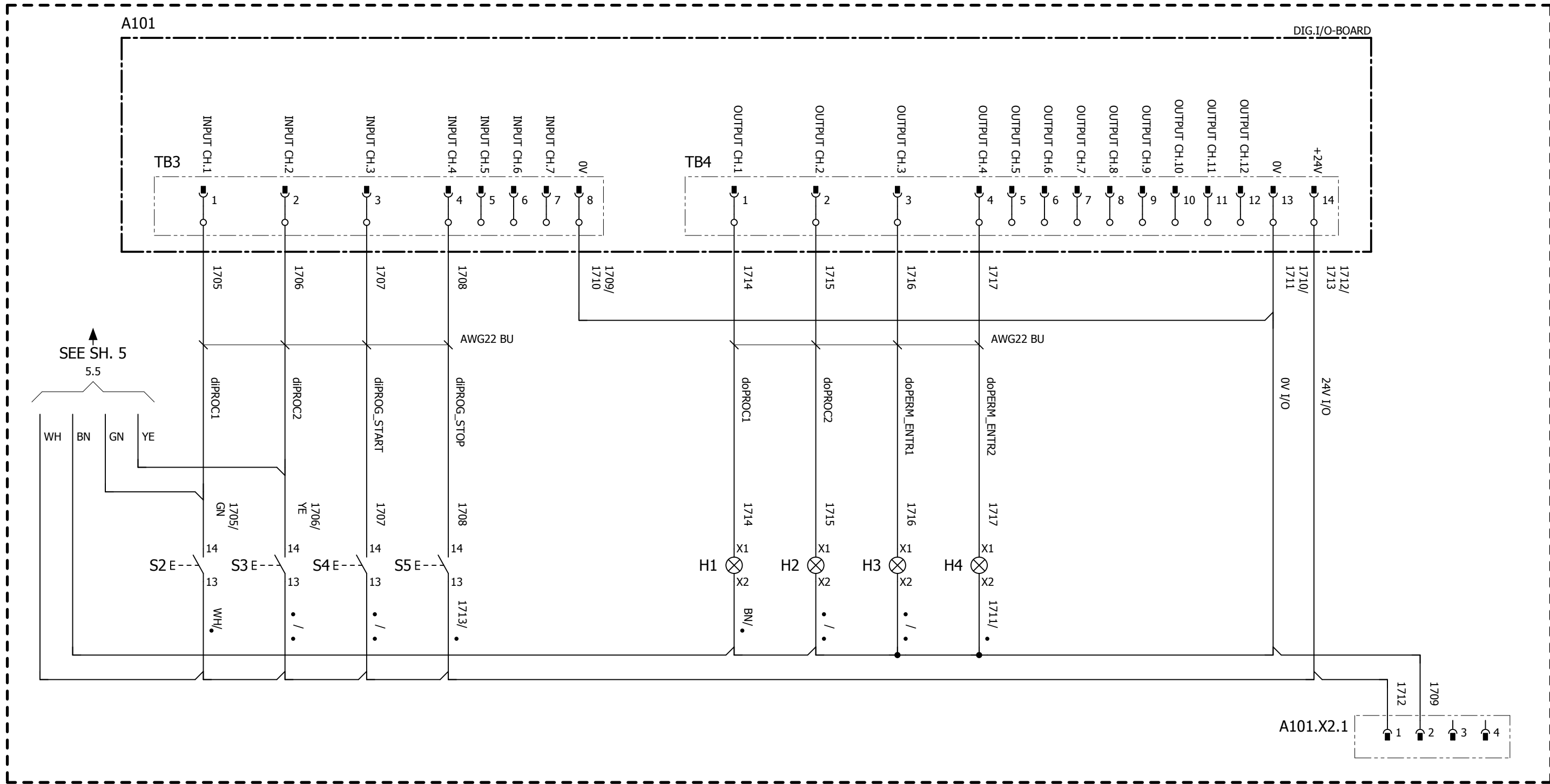
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OPERATORPANEL



ACT./DEACT.  
PROCESS 1

ACT./DEACT.  
PROCESS 2

PROG.  
STOP

PROG.  
START

IND.  
PROCESS 1  
ACT.

IND.  
PROCESS 2  
ACT.

ENTR.  
PERM.  
AREA 1

ENTR.  
PERM.  
AREA 2

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OP-PANEL & BASIC OPTIONS  
OPTION OPERATOR PANEL, CONTROL  
DEVICES -ONE PANEL/TWO AREAS

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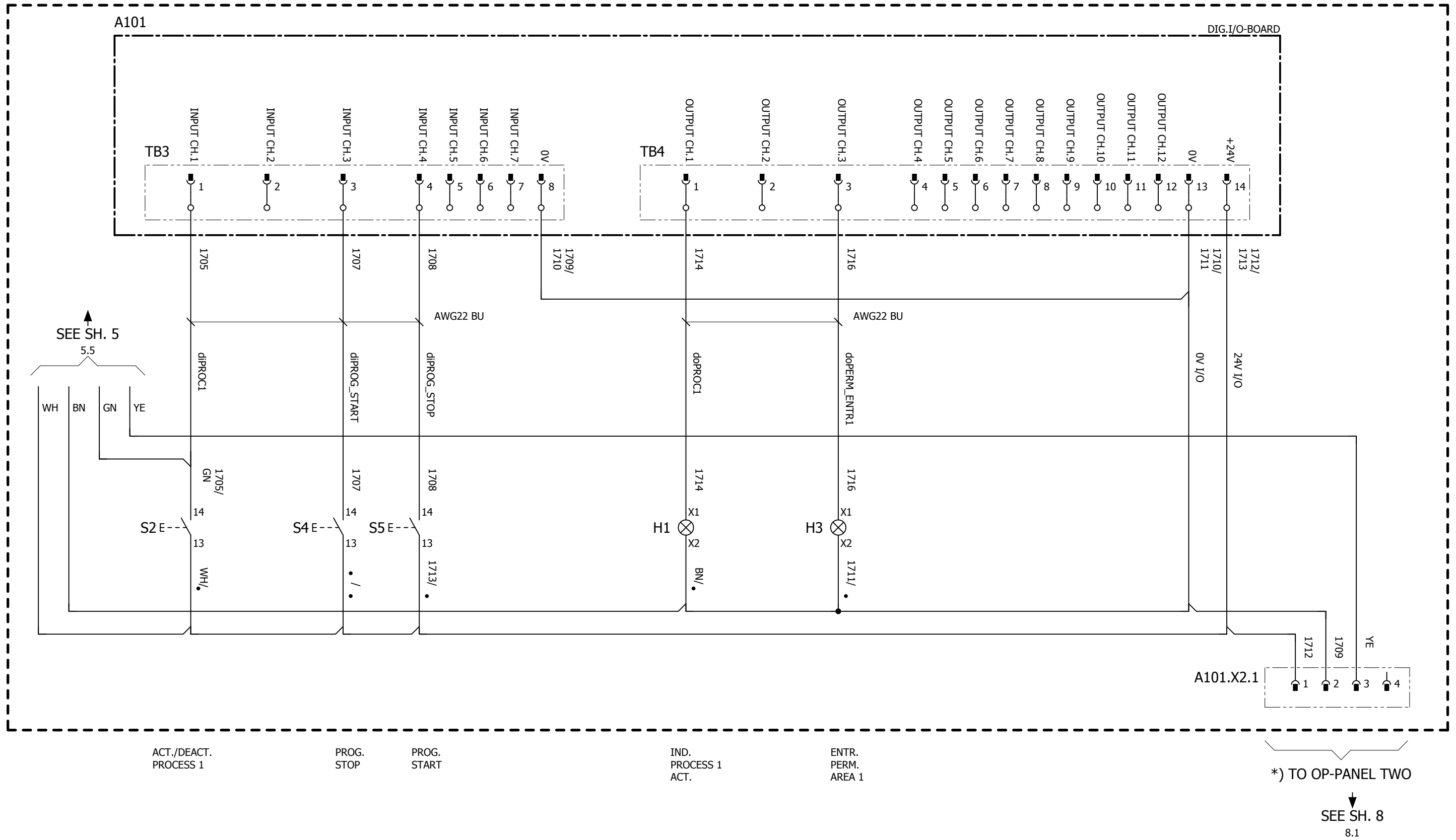
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CONNECTED WITH AWG 18 BU,  
IF NO OTHER NOTATION

\*) ONLY WHEN  
TWO PANELS/TWO AREAS

OPERATORPANEL 1



ACT./DEACT.  
PROCESS 1

PROG.  
STOP

PROG.  
START

IND.  
PROCESS 1  
ACT.

ENTR.  
PERM.  
AREA 1

\*) TO OP-PANEL TWO

SEE SH. 8  
8.1

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OP-PANEL & BASIC OPTIONS  
OPT.OP-PANEL,CONTROL DEVICE,-ONE  
PANEL/ONE AREA,-TWO PANELS/AREA1

Status:  
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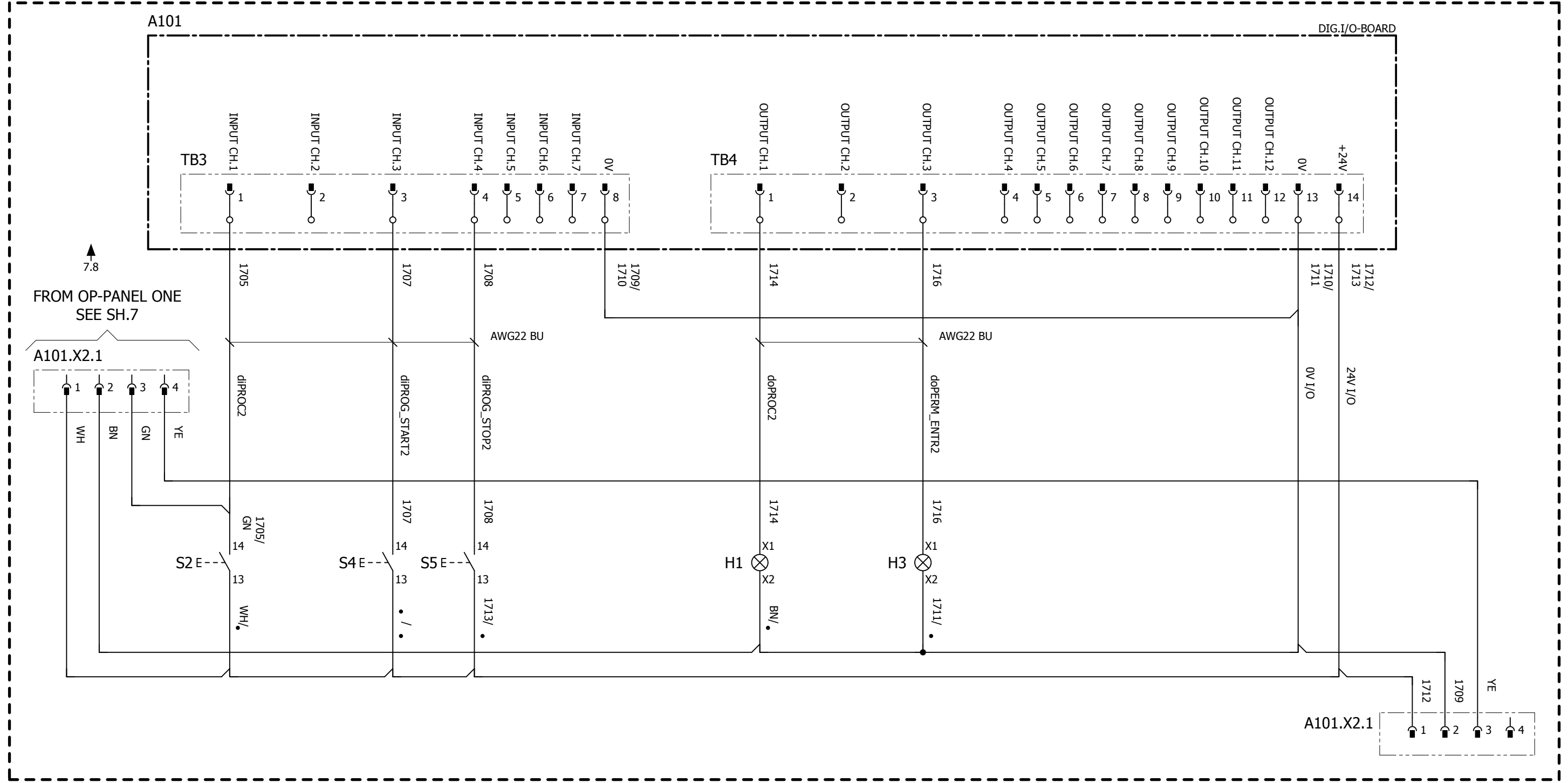
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OPERATORPANEL 2



ACT./DEACT.  
PROCESS 2

PROG.  
STOP

PROG.  
START

IND.  
PROCESS 2  
ACT.

ENTR.  
PERM.  
AREA 2

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OP-PANEL & BASIC OPTIONS  
OPTION OPERATOR PANEL, CONTROL  
DEVICES - TWO PANELS/AREA 2

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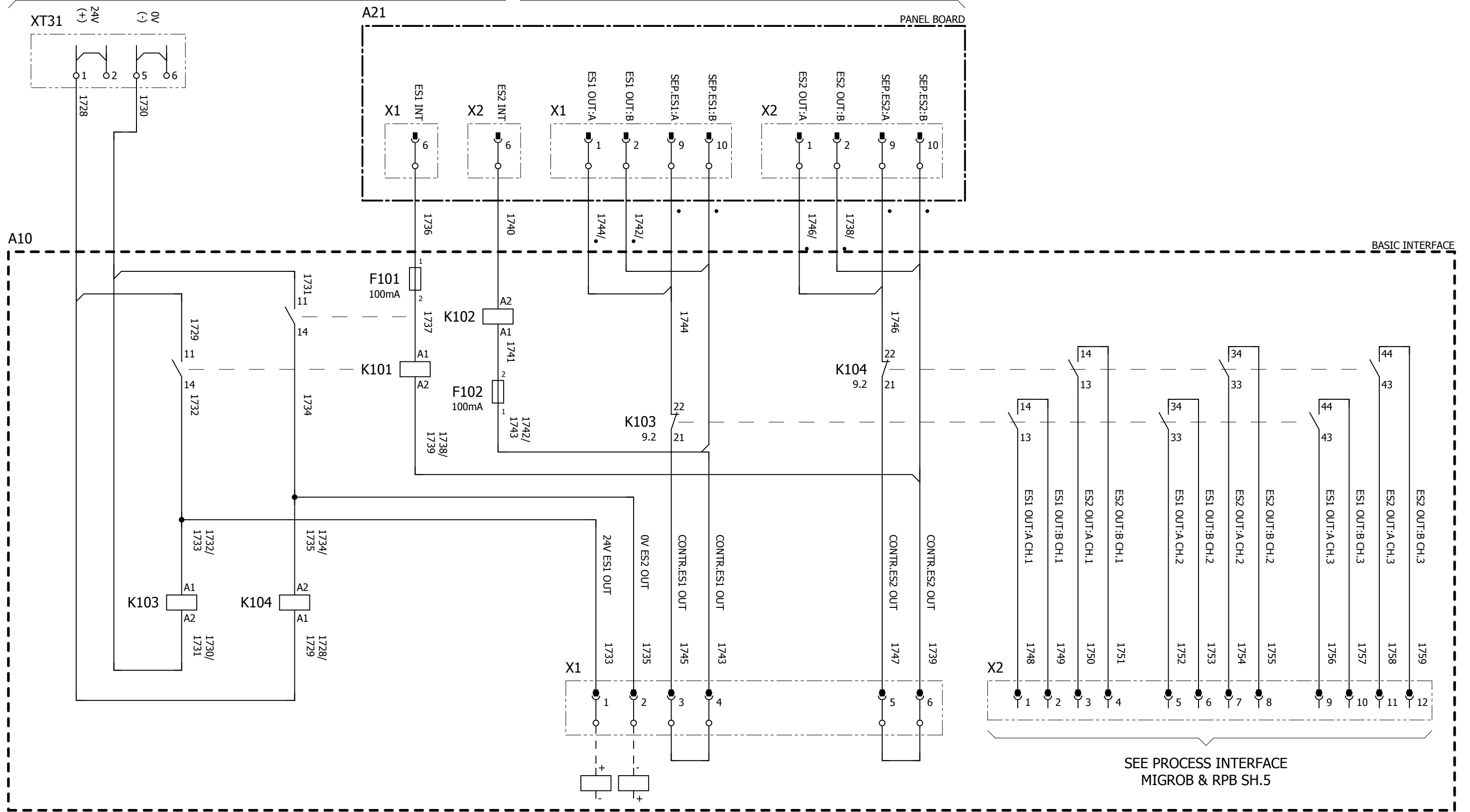
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SEE EL.DWGS FOR THE IRC5 CONTROLLER



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| 44 - 43 9.8 | 44 - 43 9.8 |

Latest revision:  
Rev. 02:G4 deleted.XT31 added(1-2)

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OP-PANEL & BASIC OPTIONS  
OPTION EXTENDED EMERGENCY STOP

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