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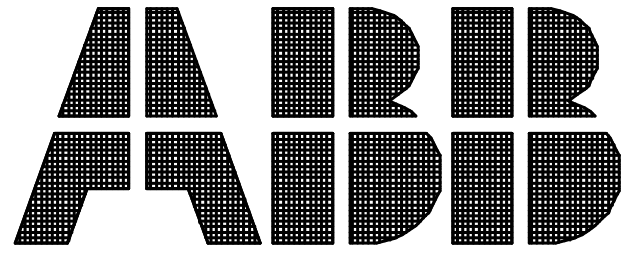
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Latest revision: Rev.1 Sheet 7 and 8 was changed.			Lab/Office: DMRO SE/RDE2	SERVICE DIAGRAM WELDGUIDE IV COPYRIGHT PAGE	Status: Approved	Plant: = Location: + Sublocation: +	Document no. 3HAC054912-001	Rev. Ind 01	Page 1 Next 2 Total 10
Prepared by, date: TS, 2018	Approved by, date: SÖ, 2018-09-06								



Description : SERVICE DIAGRAM WELDGUIDE IV  
 Drawing number : 3HAC054912-001  
 Drawing version : 01  
 Date : 2018-09-06

Customer :  
 Year of construction :

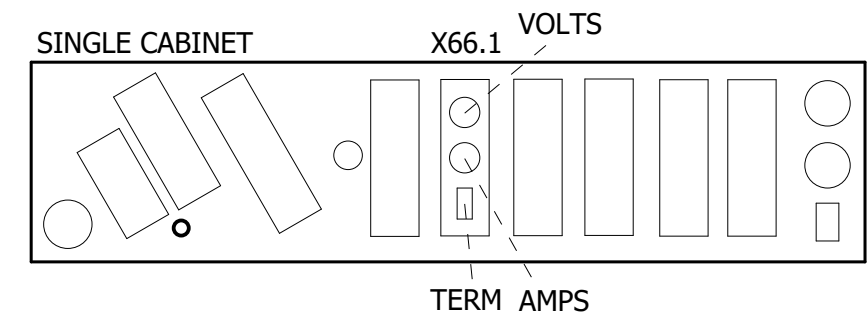
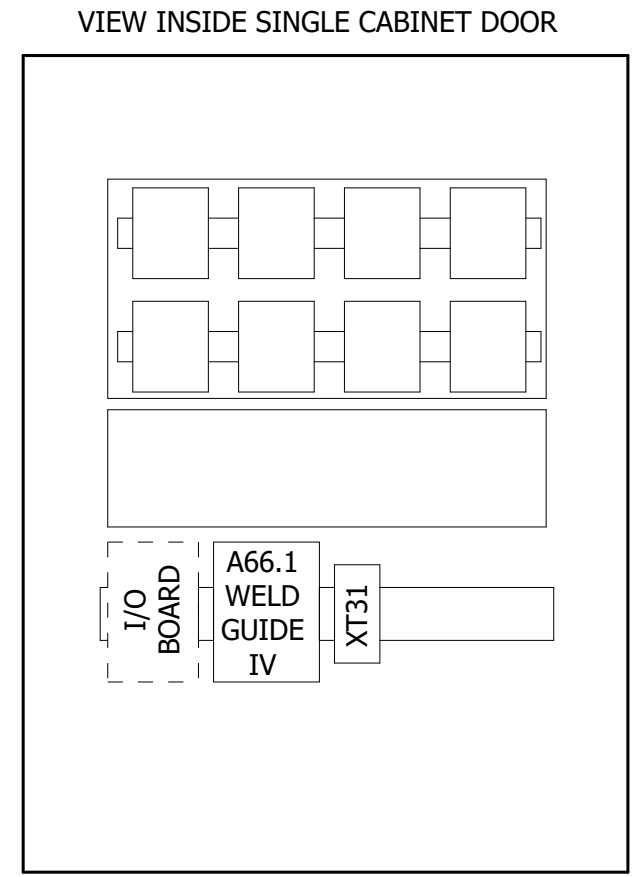
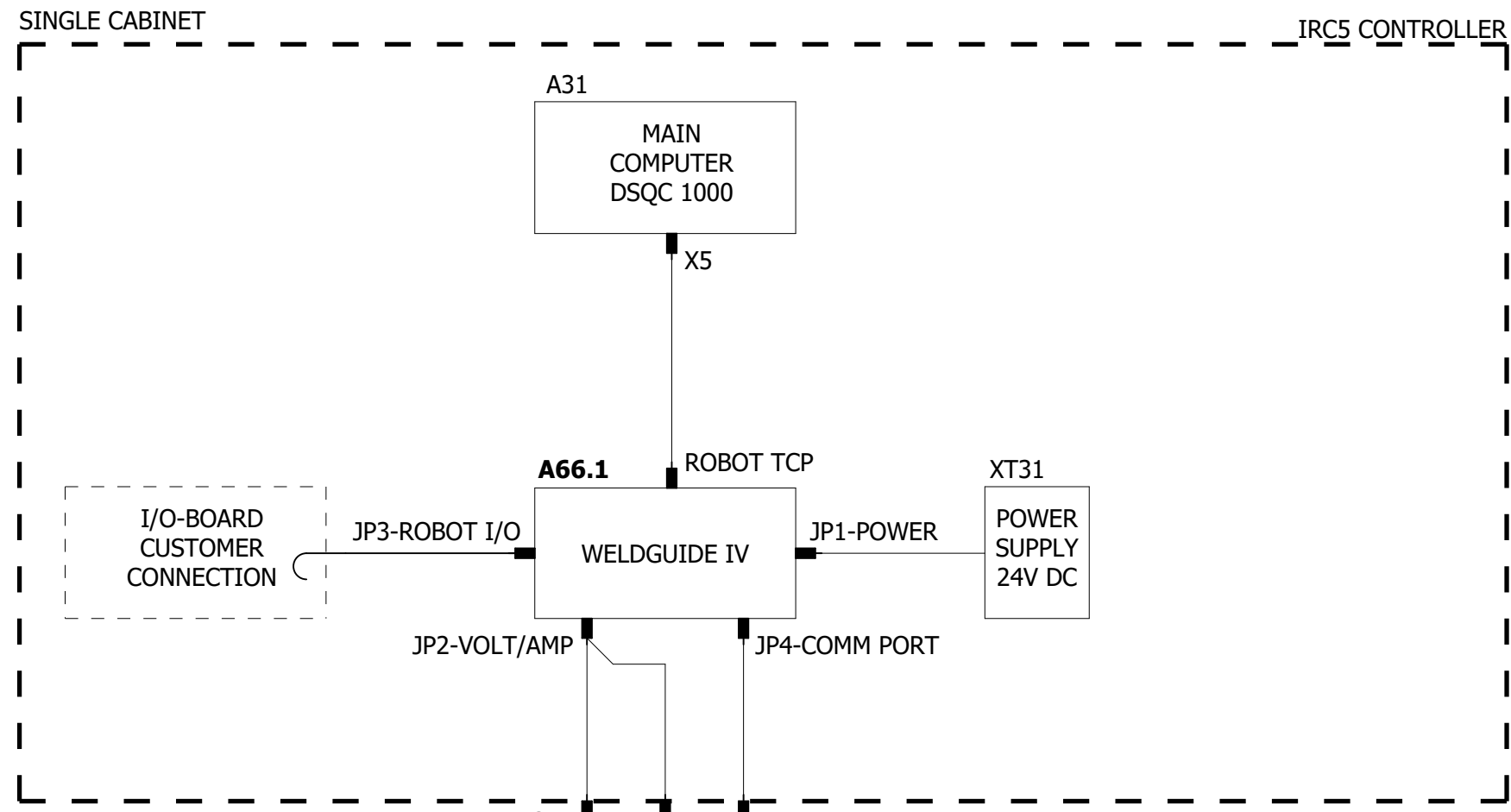
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 Number of pages : 10

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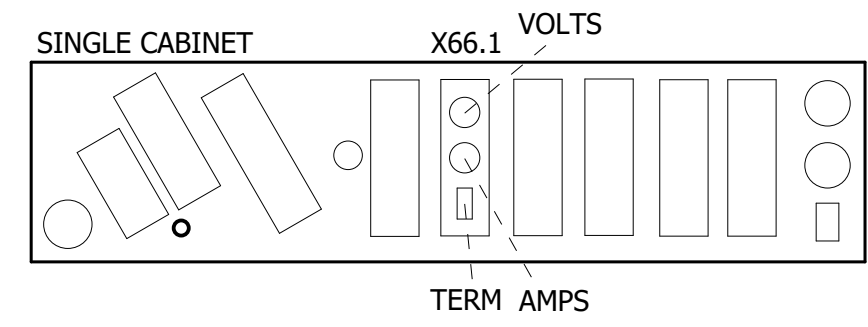
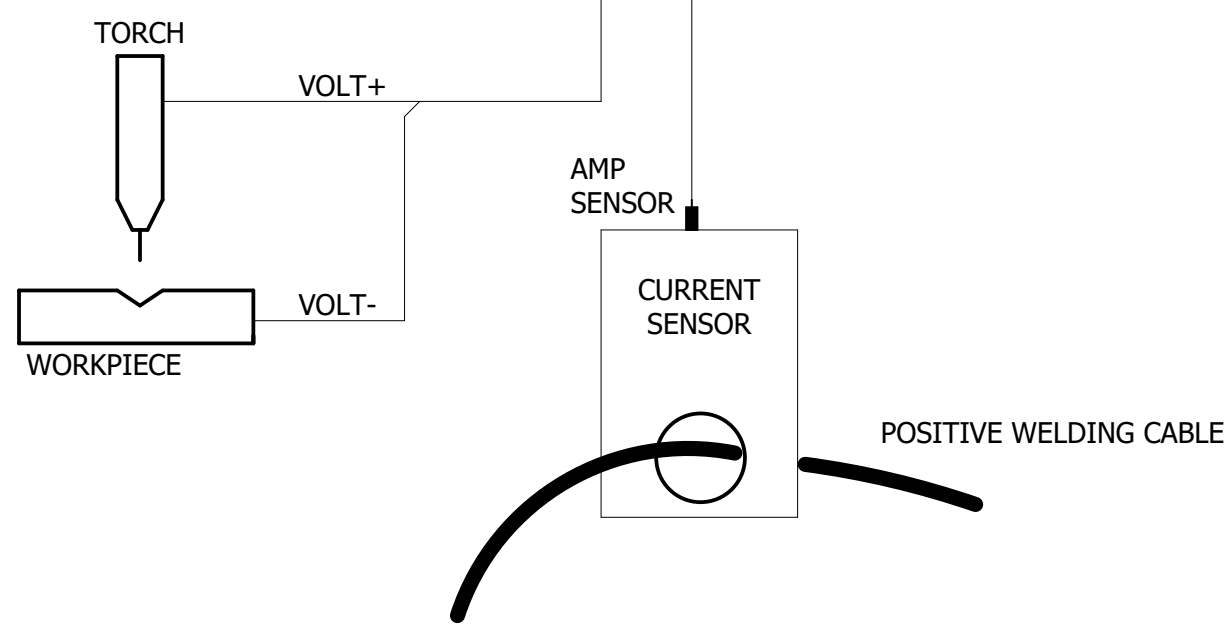
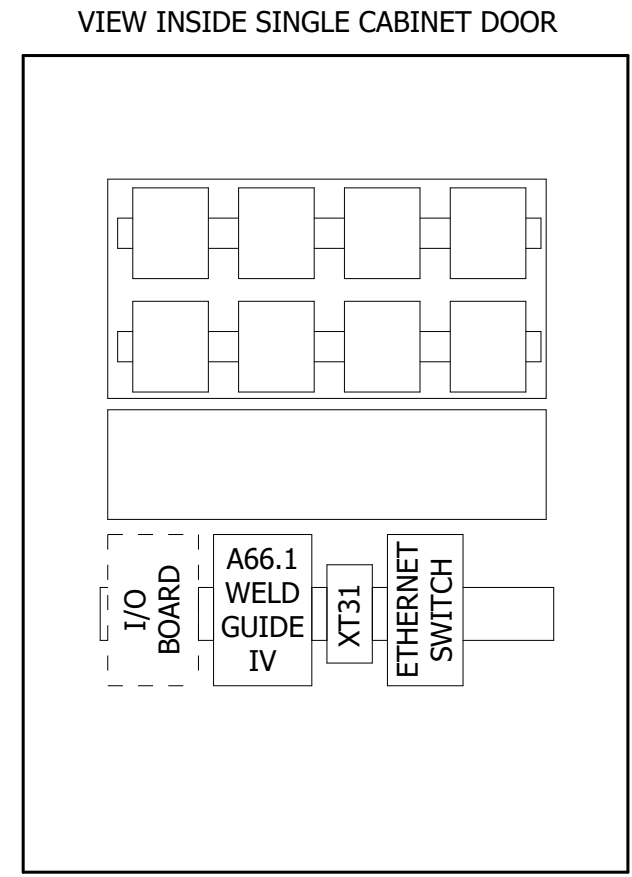
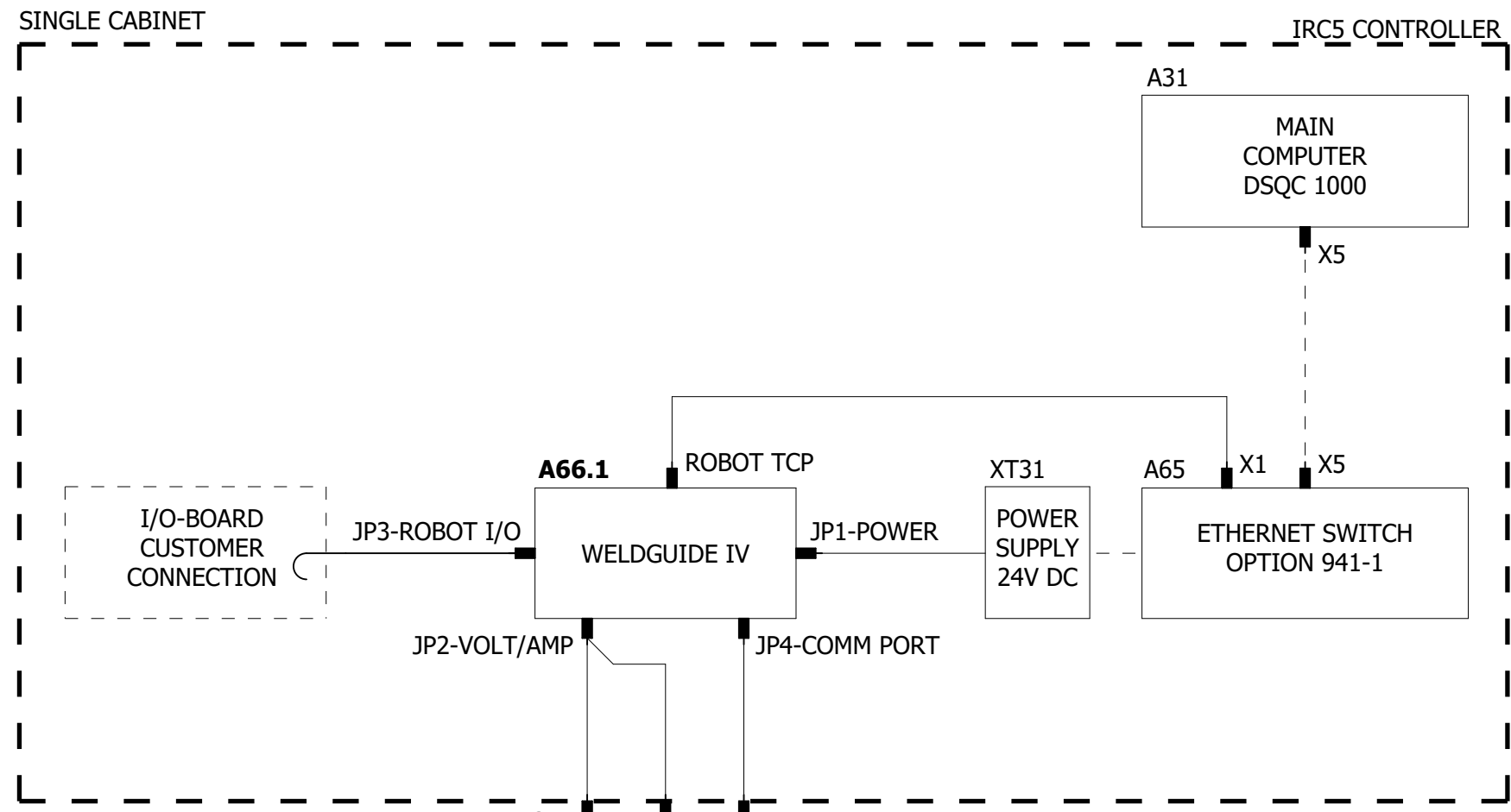


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**SERVICE DIAGRAM WELDGUIDE IV**  
 BLOCK DIAGRAM, OPTION BASIC OR  
 ADVANCED, SINGLE WELDGUIDE IV

Status: **Approved**  
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— NOT CONNECTED

- - - CONNECTION NOT INCLUDED IN CIRCUIT DIAGRAM

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**SERVICE DIAGRAM WELDGUIDE IV**  
**BLOCK DIAGRAM, SINGLE WELDGUIDE IV WITH OPTION ETHERNET SWITCH**

Status: **Approved**

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Location: +  
Sublocation: +

Document no. **3HAC054912-001**

Rev. Ind **01**

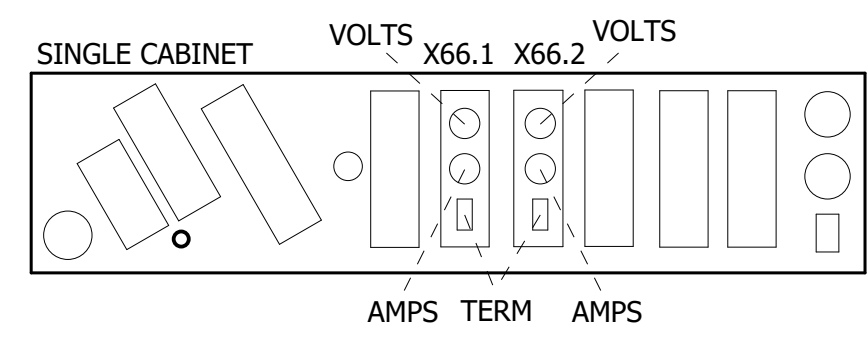
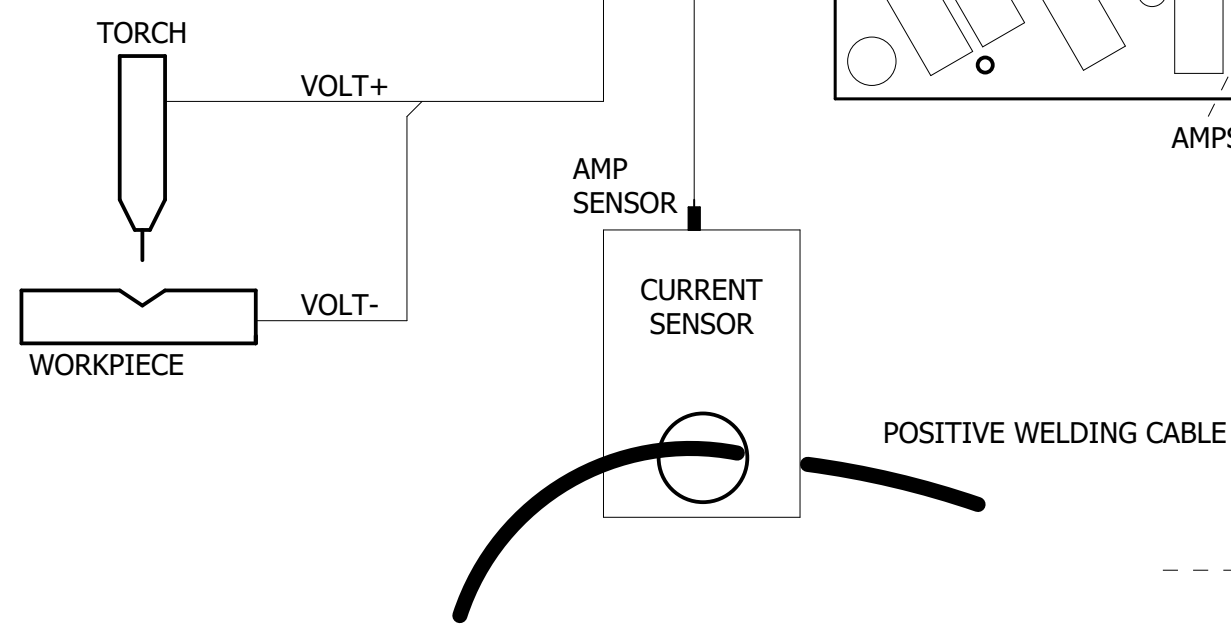
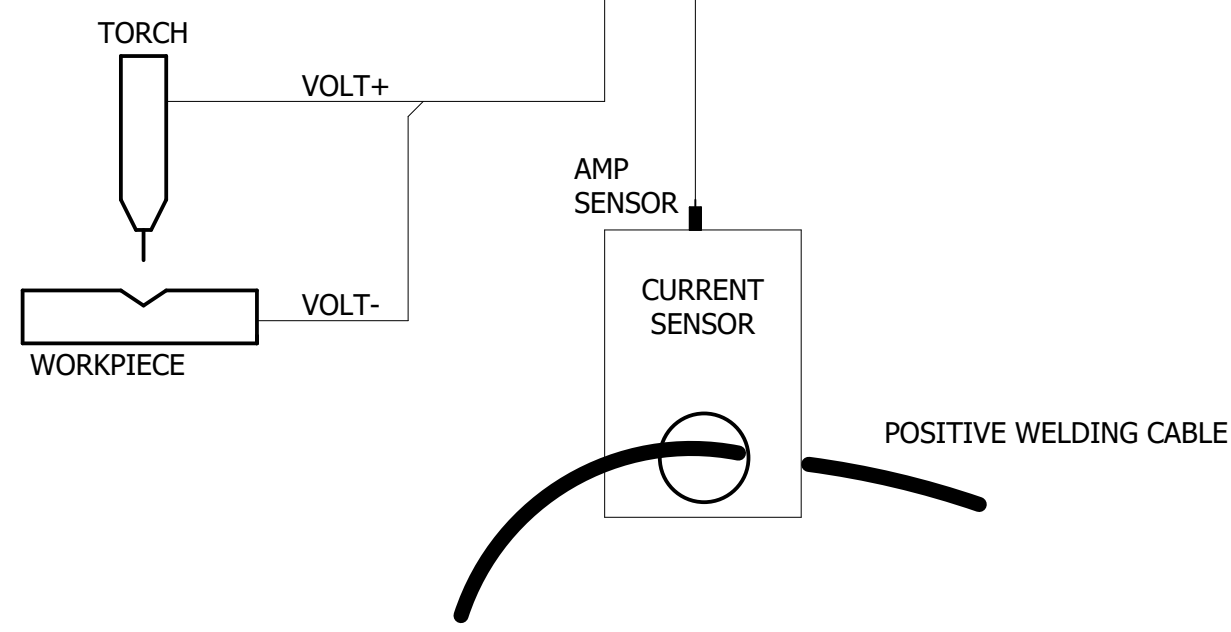
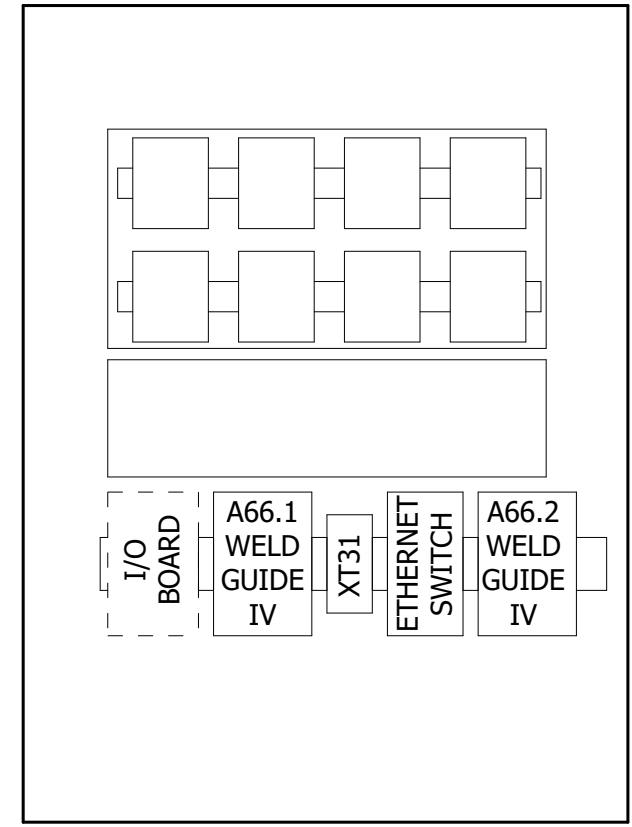
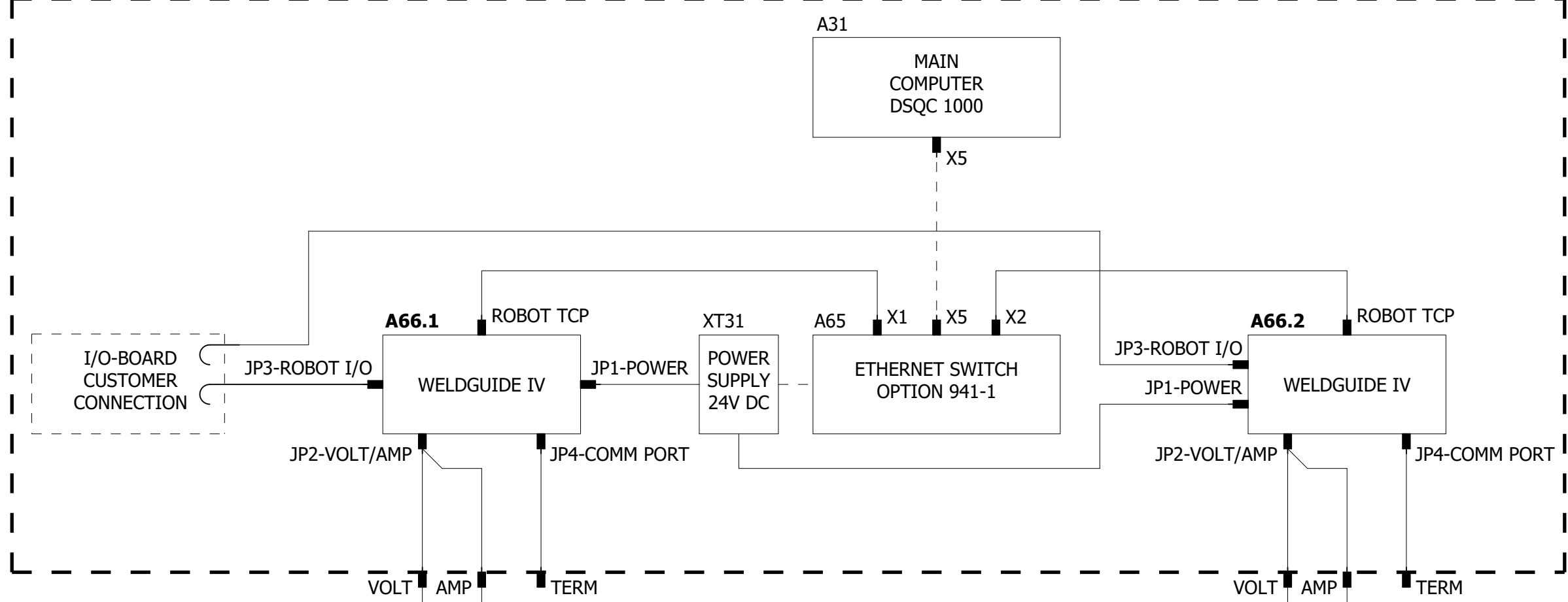
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SINGLE CABINET

IRC5 CONTROLLER

VIEW INSIDE SINGLE CABINET DOOR



— NOT CONNECTED  
 - - - CONNECTION NOT INCLUDED IN CIRCUIT DIAGRAM

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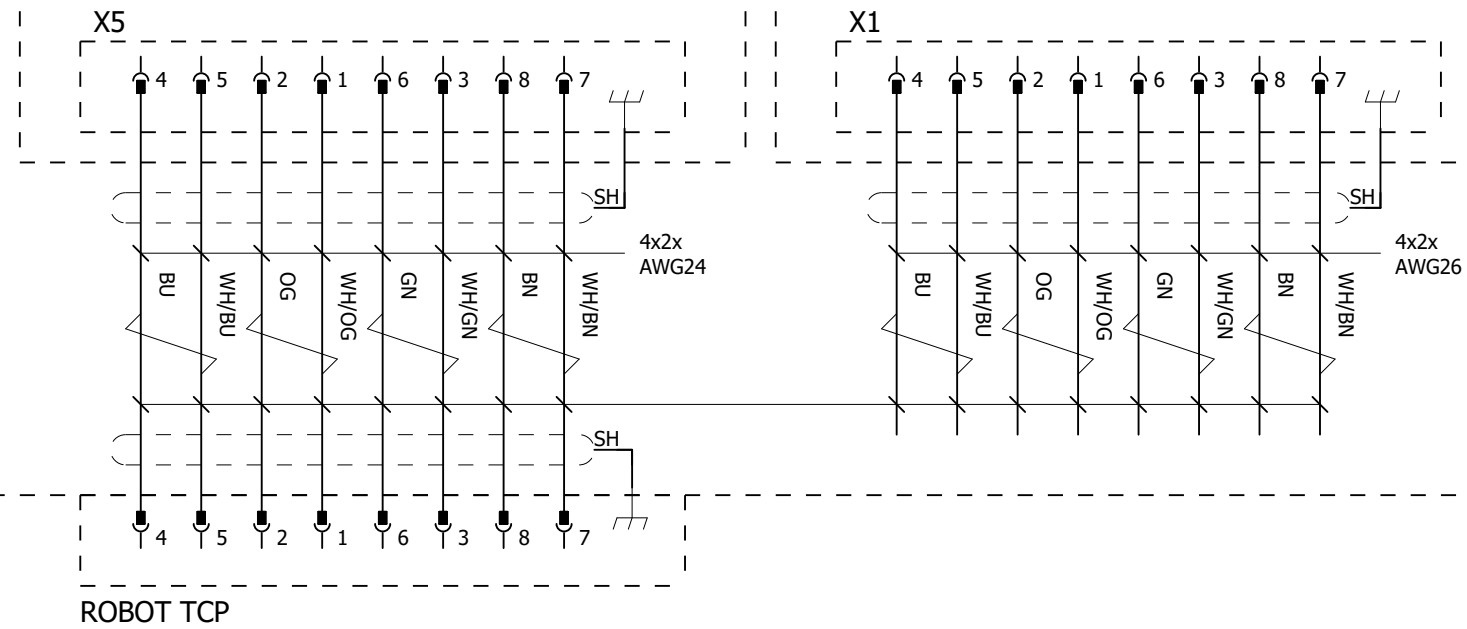
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**ADVANCED, DUAL WELDGUIDE IV**

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SINGLE CABINET

A31/MAIN COMPUTER DSQC 1000

A65/ETHERNET SWITCH. OPTION 941-1



A66.1/WELDGUIDE IV

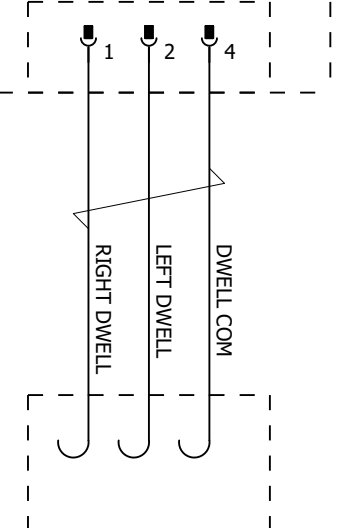
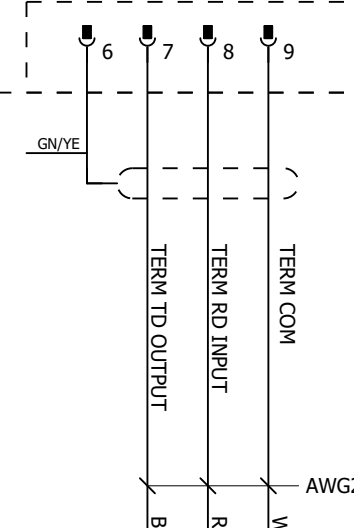
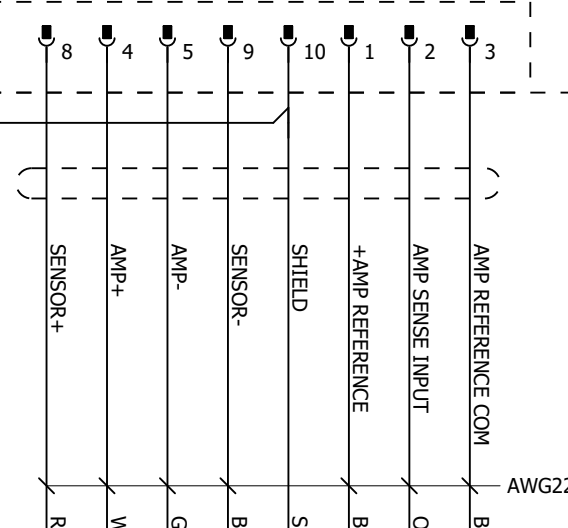
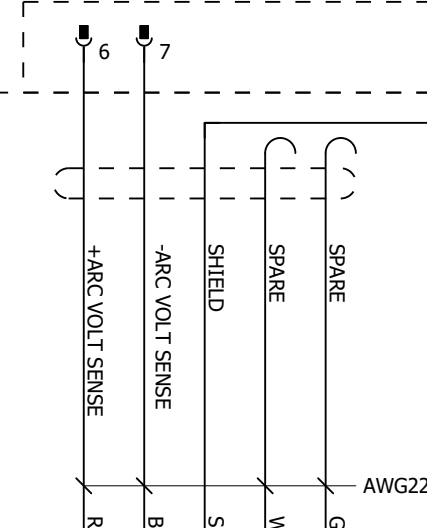
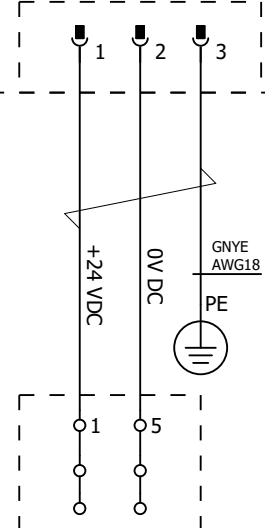
ROBOT TCP

JP1-POWER

JP2-VOLT/AMP

JP4-COMM PORT

JP3-ROBOT I/O



XT31/  
POWER SUPPLY

X66.1

CURRENT SENSOR

TERM COMM

I/O-BOARD/  
CUSTOMER CONNECTION

SEE EL.DWGS FOR THE  
IRC5 CONTROLLER

SEE EL.DWGS FOR THE  
IRC5 CONTROLLER

VOLT

AMP

TERM

VOLT+ VOLT-

VOLT SENSOR

9.4 10.5

NOT CONNECTED

NOT CONNECTED

CONNECTED WITH AWG18 BU,  
IF NO OTHER NOTATION

Latest revision:  
Rev.1\_JP4 Shield (GN/YE)connection add to JP4:6//JP1:3 PE add.

Prepared by, date: TS, 2018 Approved by, date: SÖ, 2018-09-06



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SERVICE DIAGRAM WELDGUIDE IV  
OPTION BASIC OR ADVANCED,  
SINGLE WELDGUIDE IV

Status:  
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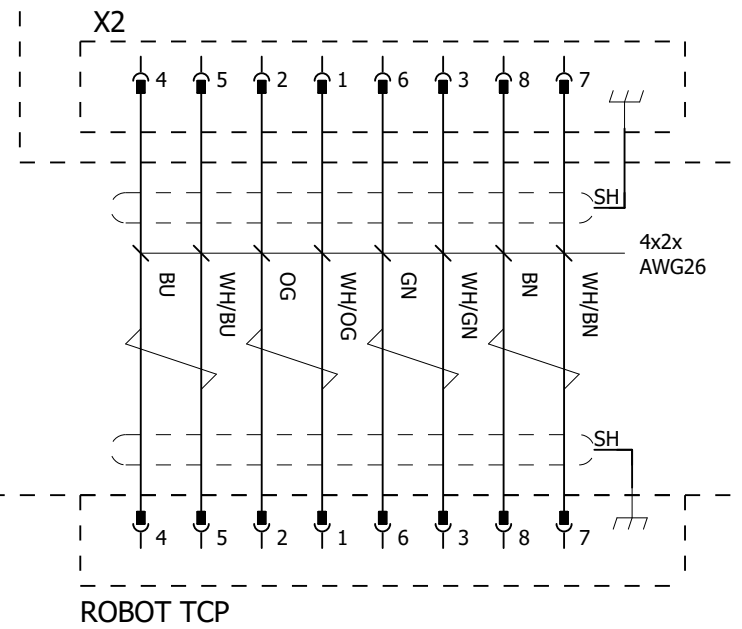
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SINGLE CABINET

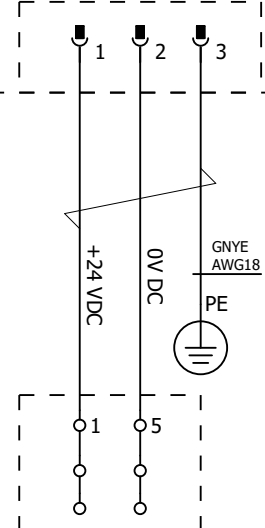
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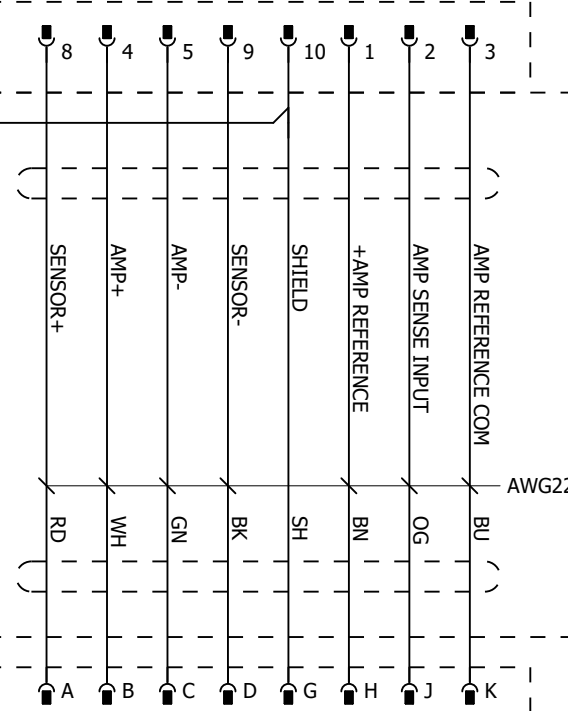
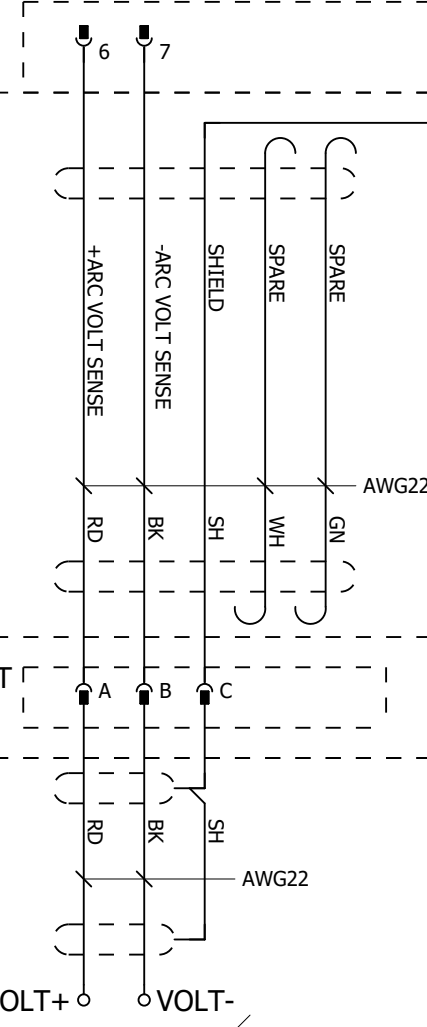
A66.2/WELDGUIDE IV

ROBOT TCP

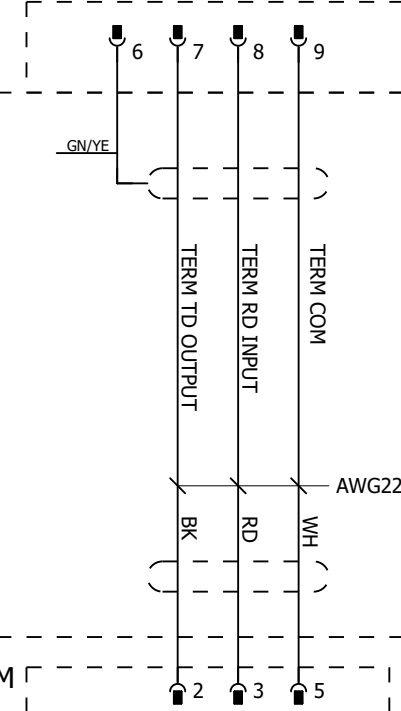
JP1-POWER



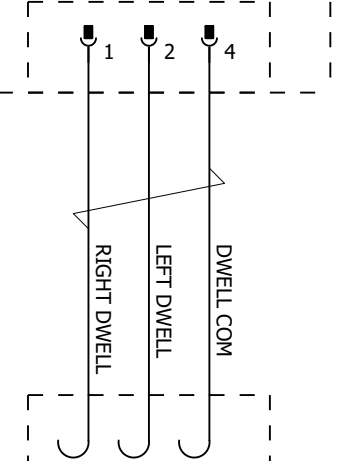
JP2-VOLT/AMP



JP4-COMM PORT



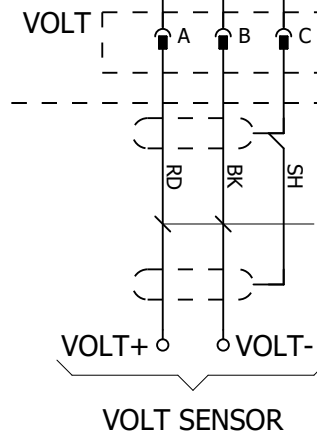
JP3-ROBOT I/O



XT31/  
POWER SUPPLY

SEE EL.DWGS FOR THE IRC5 CONTROLLER

X66.2



CURRENT SENSOR

9.4 10.5

TERM COMM

NOT CONNECTED

I/O-BOARD/  
CUSTOMER CONNECTION

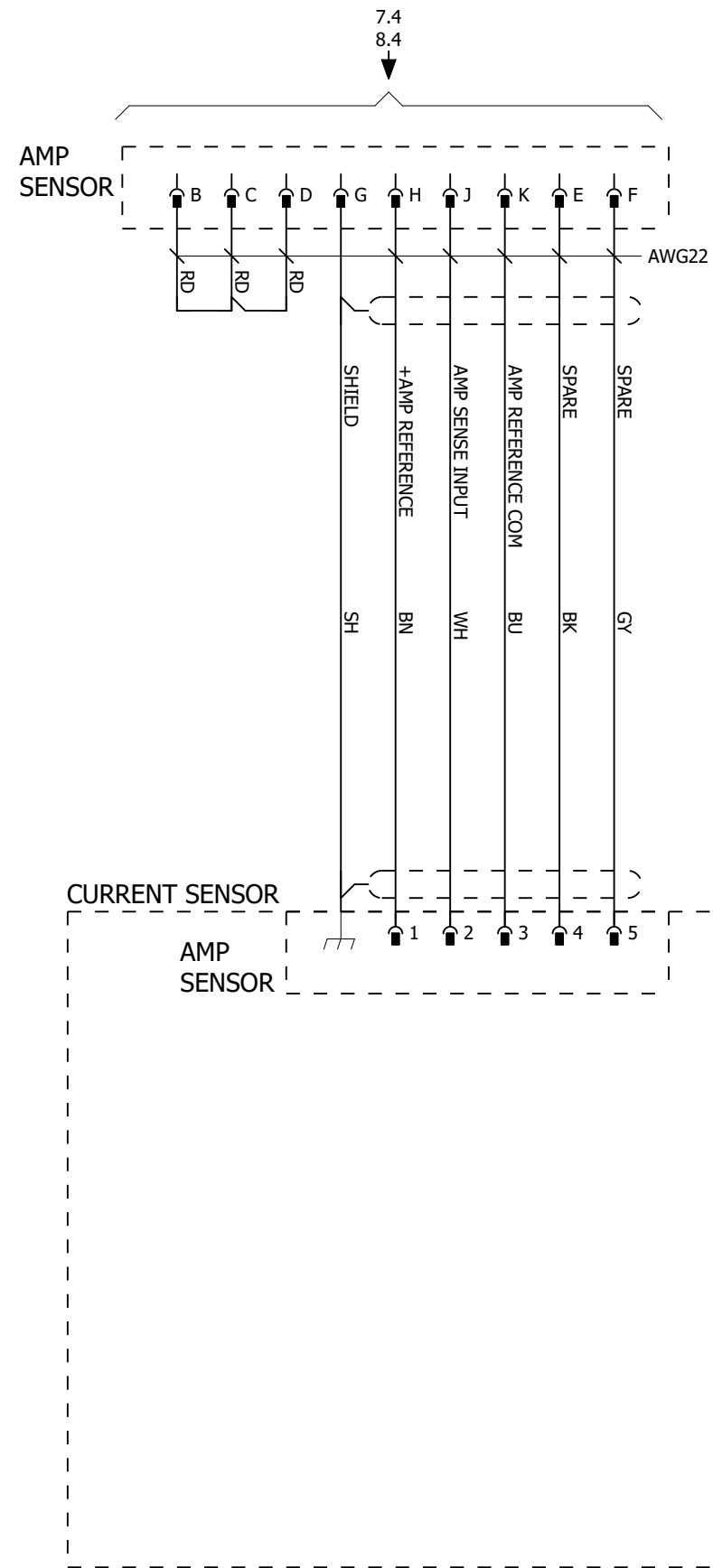
SEE EL.DWGS FOR THE IRC5 CONTROLLER

NOT CONNECTED  
CONNECTED WITH AWG18 BU,  
IF NO OTHER NOTATION

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### SERVICE DIAGRAM WELDGUIDE IV CURRENT SENSOR, OPTION SOLID CORE SENSOR

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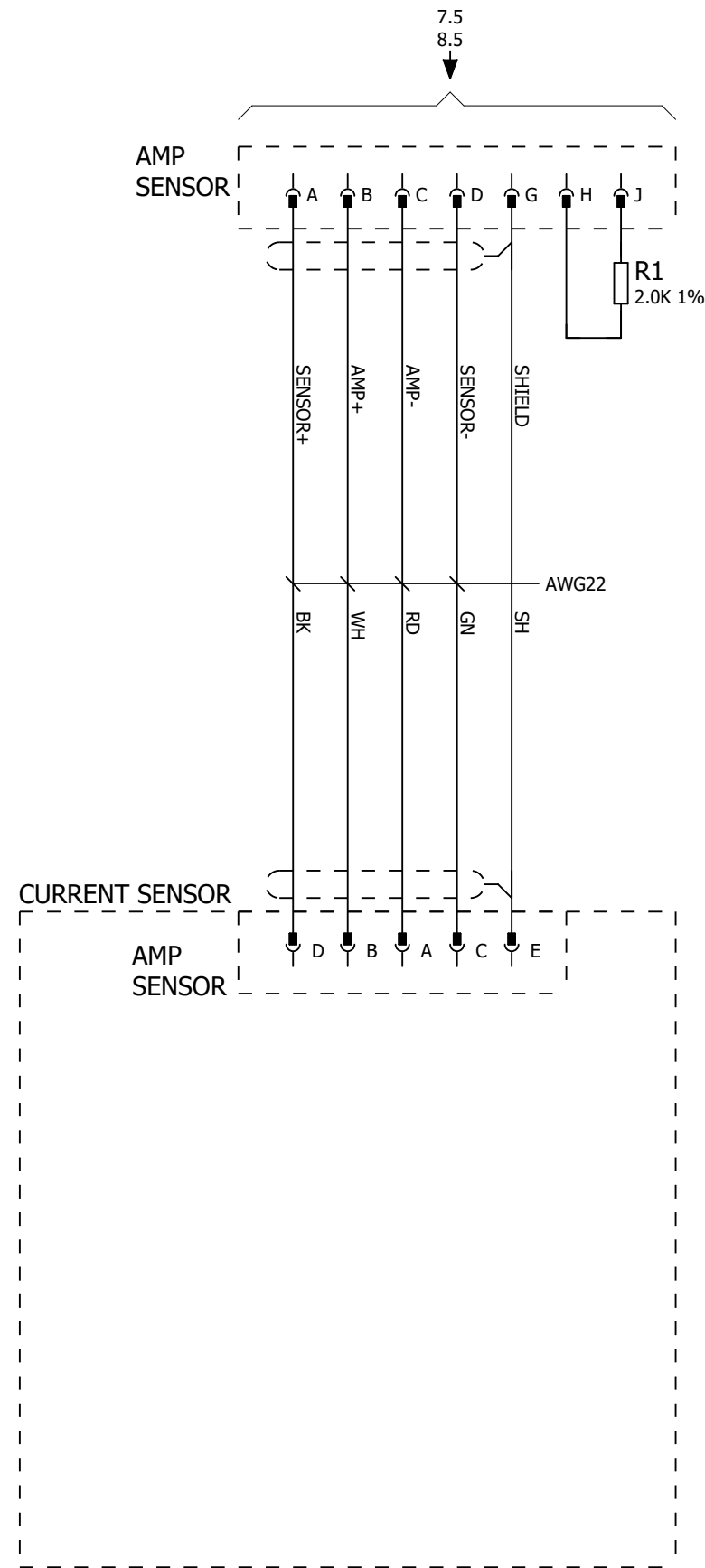
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**SERVICE DIAGRAM WELDGUIDE IV**  
**CURRENT SENSOR,**  
**OPTION SPLIT CORE SENSOR**

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