

The information in this document is subject to change without notice and should not be construed as a commitment by ABB. ABB assumes no responsibility for any errors that may appear in this document.

Except as may be expressly stated anywhere in this document, nothing herein shall be construed as any kind of guarantee or warranty by ABB for losses, damages to persons or property, fitness for a specific purpose or the like.

In no event shall ABB be liable for incidental or consequential damages arising from use of this document.


This document and parts thereof must not be reproduced or copied without ABB's written permission, and contents thereof must not be imparted to a third party nor be used for any unauthorized purpose. Contravention will be prosecuted.

Additional copies of this document may be obtained from ABB at its then current charge.

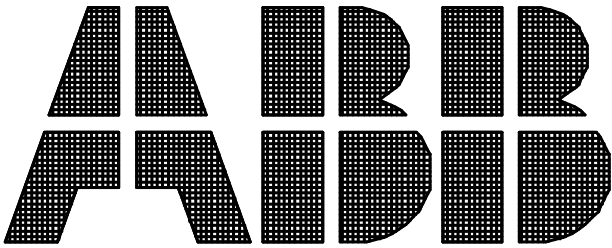
© Copyright 2015 ABB ALL right reserved.

ABB AB

SE-721 68 Västerås
Sweden

Latest revision:			Lab/Office: DMRO SE/PRH	SERVICE DIAGRAM WELDGUIDE IV COPYRIGHT PAGE	Status:	Plant: = Location: + Sublocation: +	
Approved					Document no.	Rev. Ind	
Prepared by, date: PR, 2015-03-25		Approved by, date: MT, 2015-03-31			3HAC054912-001	00	Page 1 Next 2 Total 10

We reserve all rights in this document and in the information contained therein.Reproduction, use or disclosure to third parties without express authority is strictly forbidden. © Copyright 2003 ABB



Description : SERVICE DIAGRAM WELDGUIDE IV
Drawing number : 3HAC054912-001
Drawing version : 00
Date : 2015-03-31

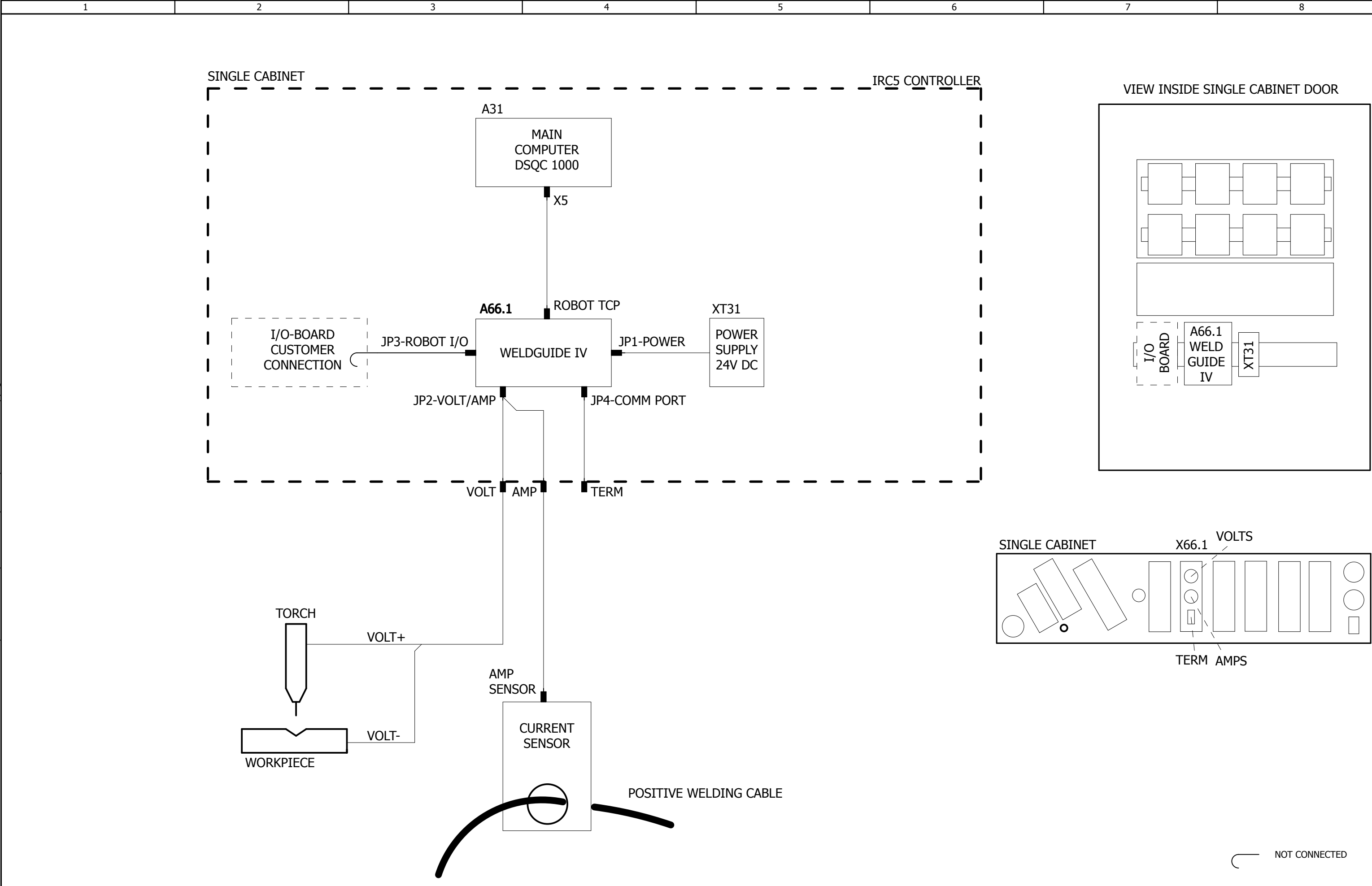
Customer :
Year of construction :
:
:
:
:
:
:
:

Drawn by : PRE/PR
Number of pages : 10
:
:
:
:
:

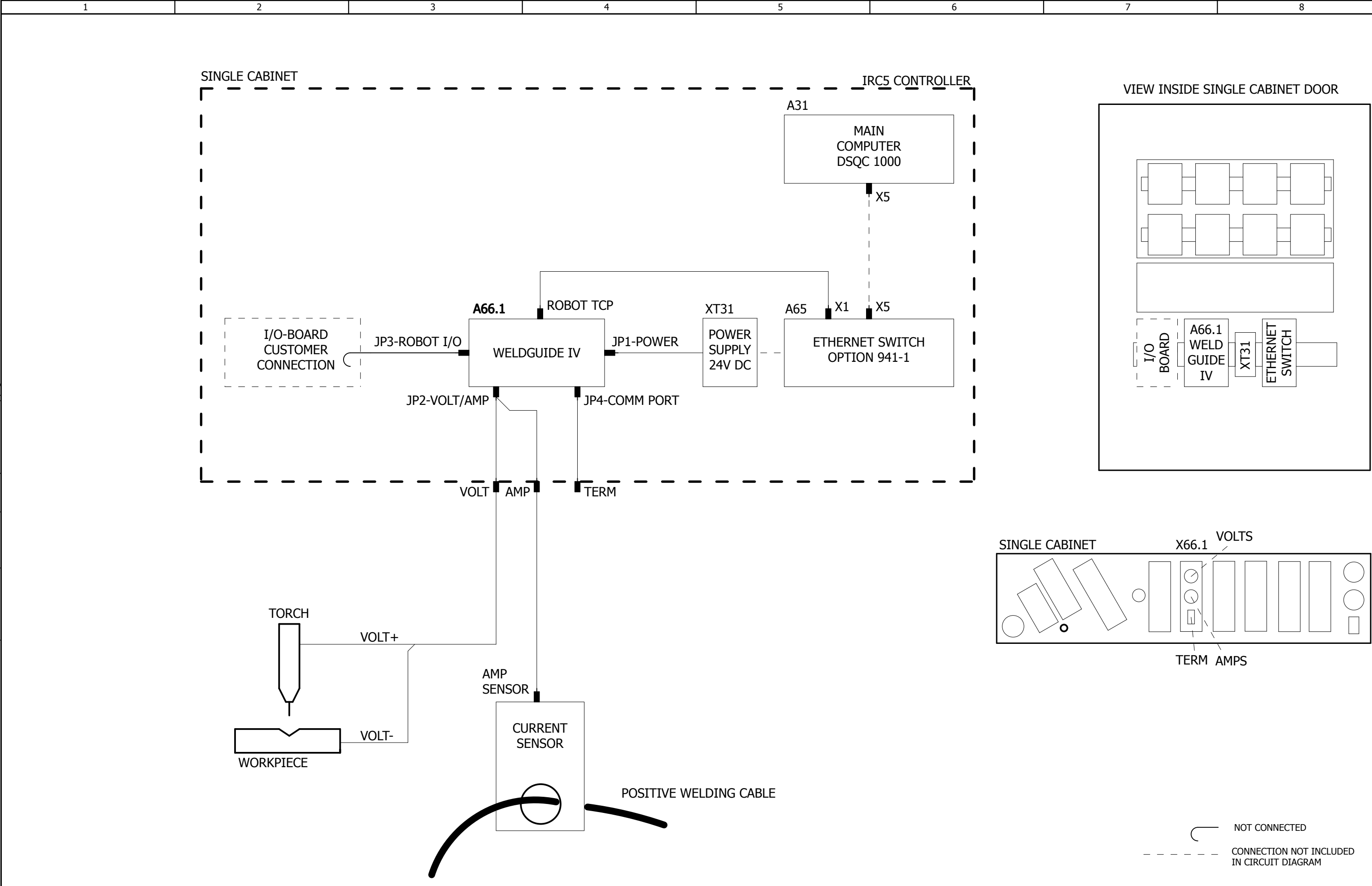
TABLE OF CONTENTS

[illegible]

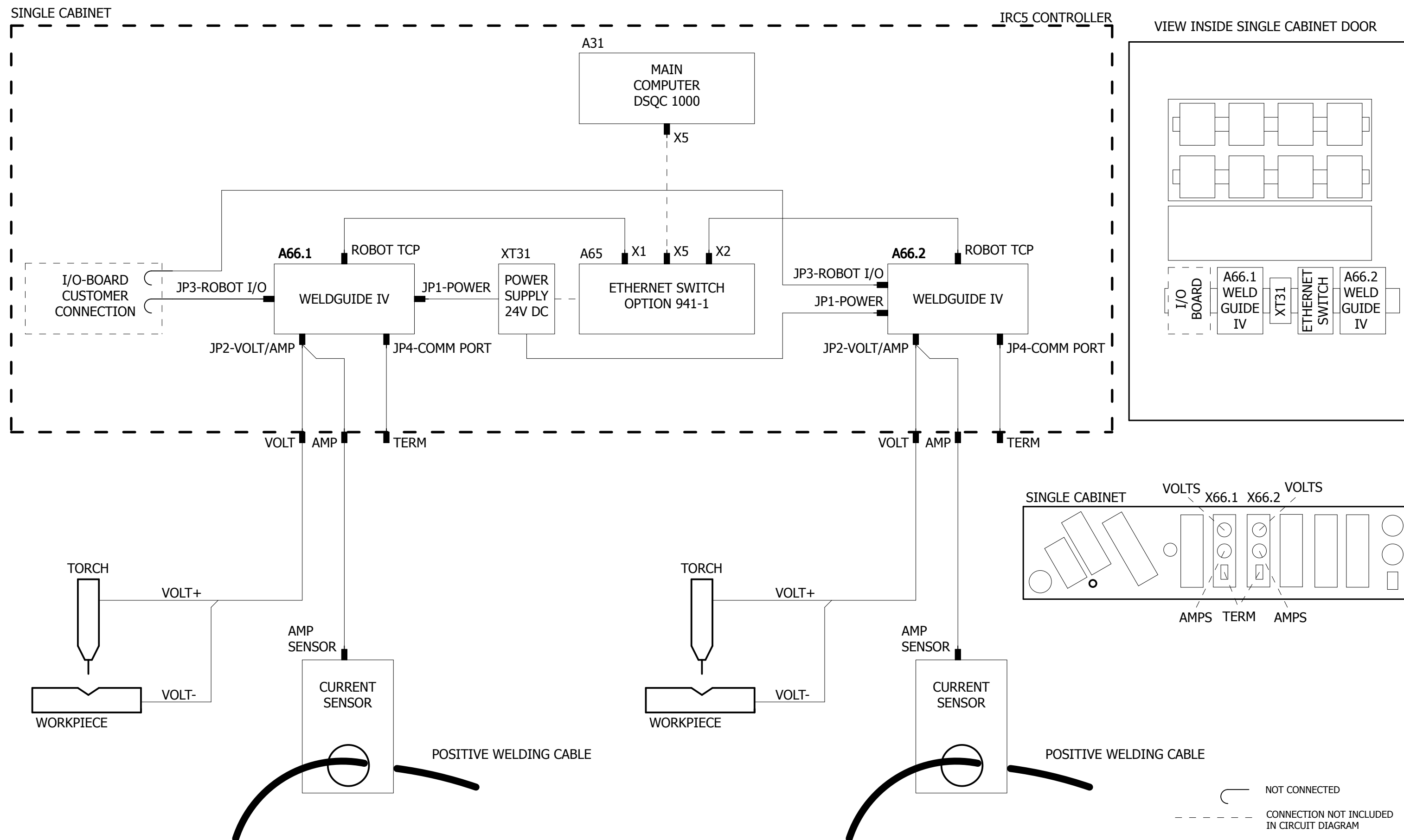
We reserve all rights in this document and in the information contained therein.Reproduction, use or disclosure to third parties without express authority is strictly forbidden. © Copyright 2003 ABB



We reserve all rights in this document and in the information contained therein.Reproduction, use or disclosure to third parties without express authority is strictly forbidden. © Copyright 2003 ABB

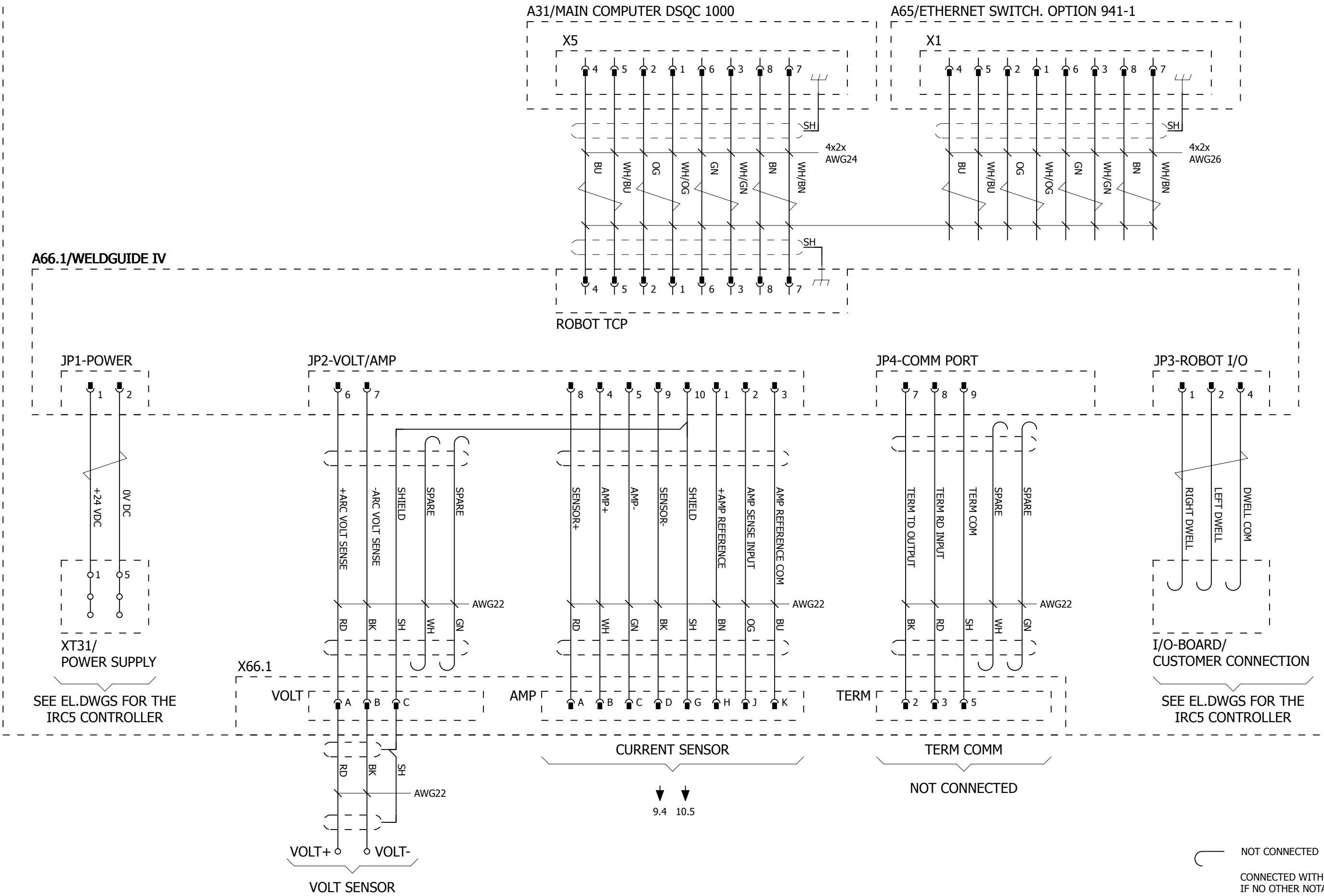


We reserve all rights in this document and in the information contained therein.Reproduction, use or disclosure to third parties without express authority is strictly forbidden. © Copyright 2003 ABB



We reserve all rights in this document and in the information contained therein.Reproduction, use or disclosure to third parties without express authority is strictly forbidden. © Copyright 2003 ABB

SINGLE CABINET



NOT CONNECTED
CONNECTED WITH AWG18 BU,
IF NO OTHER NOTATION

Latest revision:	
Prepared by, date: PR, 2015-03-25	Approved by, date: MT, 2015-03-31

ABB	Lab/Office: DMRO SE/PRH

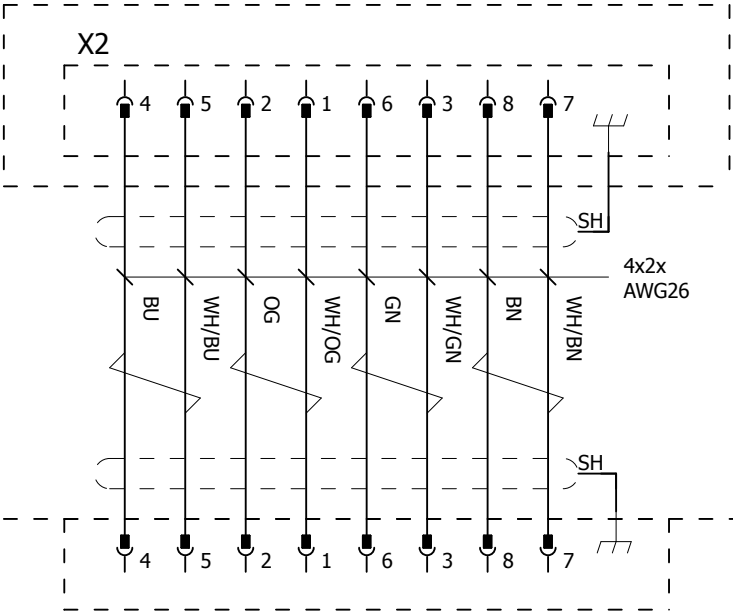
SERVICE DIAGRAM WELDGUIDE IV
OPTION BASIC OR ADVANCED,
SINGLE WELDGUIDE IV

Status:	Plant: =
Approved	Location: +
Document no.	Sublocation: +
3HAC054912-001	Rev. Ind
00	Page 7
	Next 8
	Total 10

We reserve all rights in this document and in the information contained therein.Reproduction, use or disclosure to third parties without express authority is strictly forbidden. © Copyright 2003 ABB

SINGLE CABINET

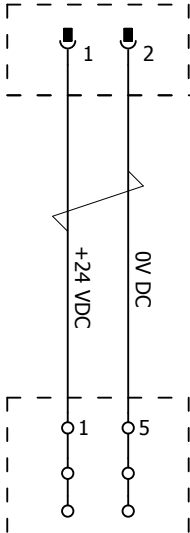
A65/ETHERNET SWITCH. OPTION 941-1



A66.2/WELDGUIDE IV

ROBOT TCP

JP1-POWER

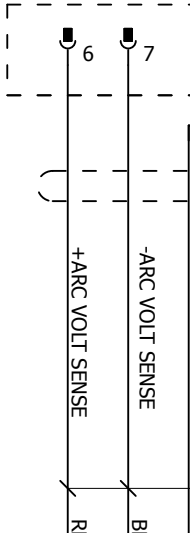


XT31/
POWER SUPPLY

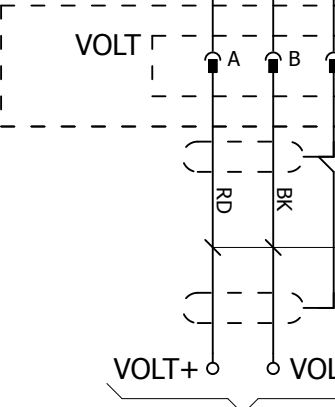


SEE EL.DWGS FOR THE
IRC5 CONTROLLER

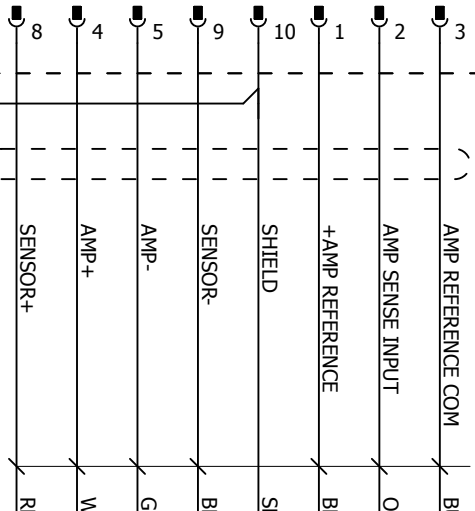
JP2-VOLT/AMP



X66.2



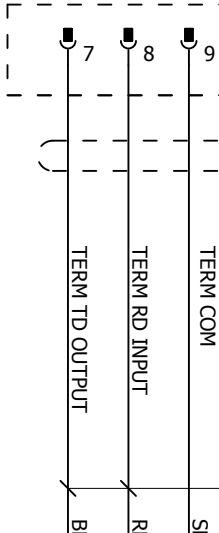
VOLT SENSOR



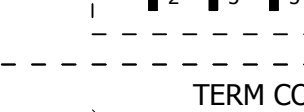
CURRENT SENSOR

9.4 10.5

JP4-COMM PORT



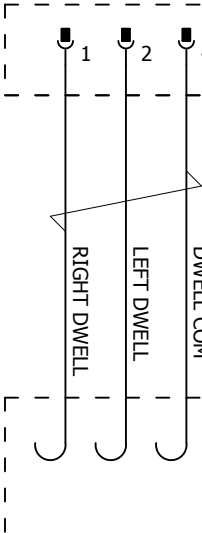
TERM



TERM COMM

NOT CONNECTED

JP3-ROBOT I/O



I/O-BOARD/
CUSTOMER CONNECTION

SEE EL.DWGS FOR THE
IRC5 CONTROLLER

NOT CONNECTED

CONNECTED WITH AWG18 BU,
IF NO OTHER NOTATION

Latest revision:

Prepared by, date: PR, 2015-03-25

Approved by, date: MT, 2015-03-31



Lab/Office:
DMRO SE/PRH

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

Status:
Approved

Document no.

3HAC054912-001

Plant: =
Location: +
Sublocation: +

Rev. Ind

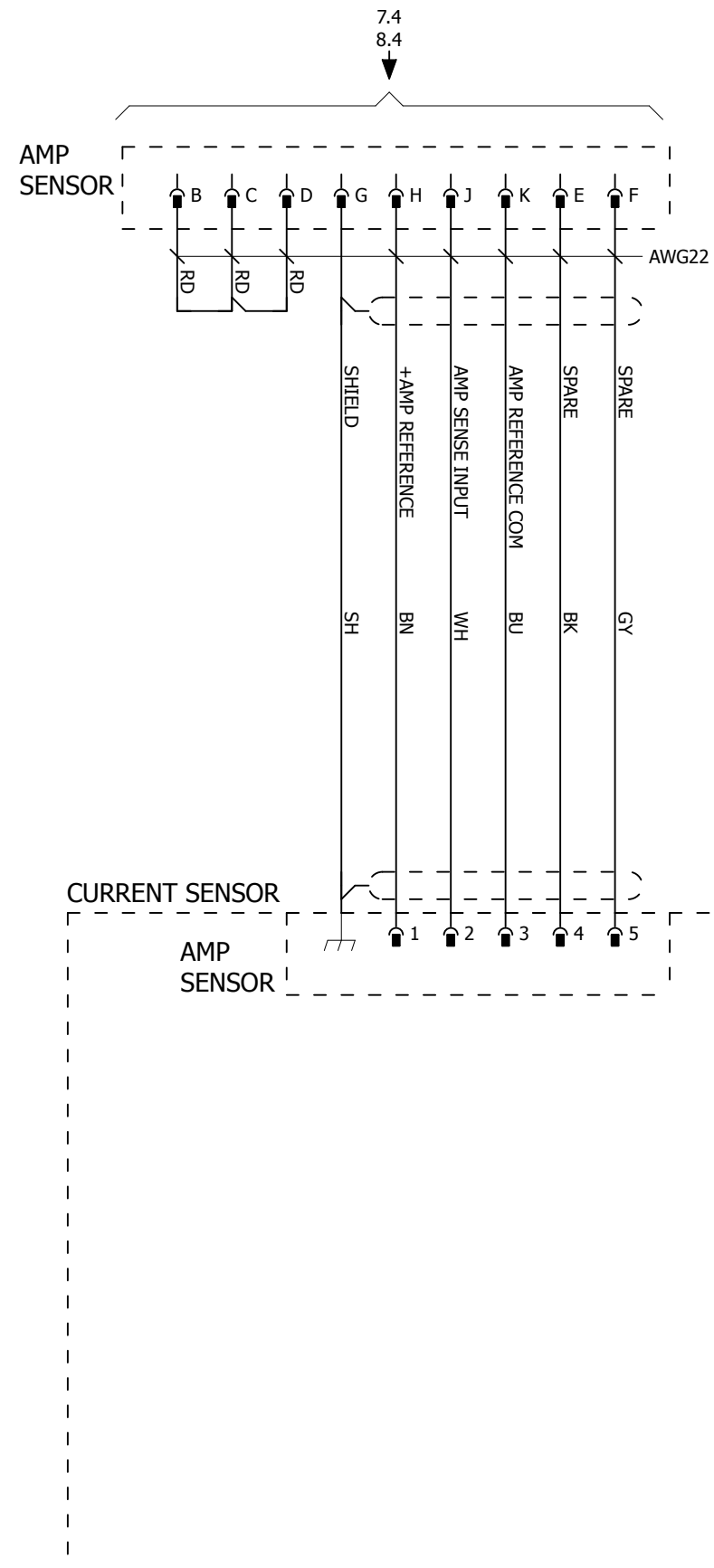
00


Page 8

Next 9

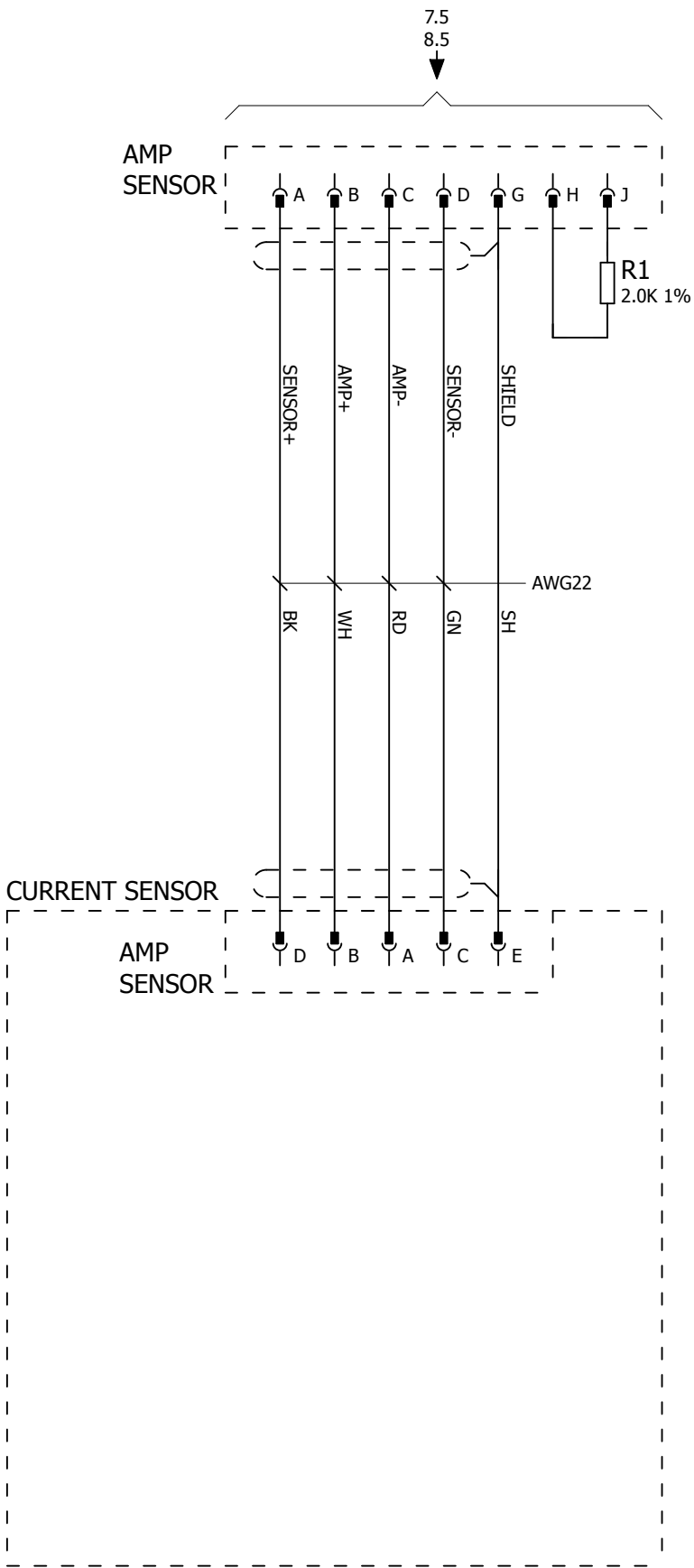
Total 10


We reserve all rights in this document and in the information contained therein.Reproduction, use or disclosure to third parties without express authority is strictly forbidden. © Copyright 2003 ABB



Latest revision:				Lab/Office: DMRO SE/PRH	SERVICE DIAGRAM WELDGUIDE IV CURRENT SENSOR, OPTION SOLID CORE SENSOR	Status: Approved		Plant: = Location: + Sublocation: +	
						Document no. 3HAC054912-001		Rev. Ind 00	Page 9 Next 10 Total 10
Prepared by, date: PR, 2015-03-25		Approved by, date: MT, 2015-03-31							

We reserve all rights in this document and in the information contained therein.Reproduction, use or disclosure to third parties without express authority is strictly forbidden. © Copyright 2003 ABB



Latest revision:			Lab/Office: DMRO SE/PRH	SERVICE DIAGRAM WELDGUIDE IV CURRENT SENSOR, OPTION SPLIT CORE SENSOR	Status: Approved	Plant: = Location: + Sublocation: +				
Prepared by, date: PR, 2015-03-25		Approved by, date: MT, 2015-03-31			Document no.		Rev. Ind	Page 10		
					3HAC054912-001		00	Next		
								Total 10		