



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.

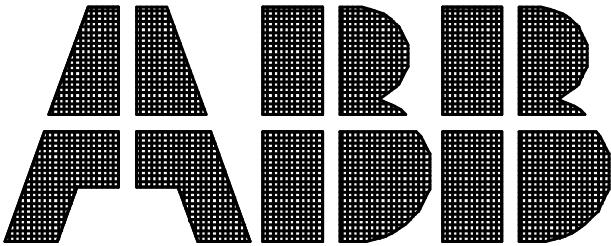
Additional copies of this document may be obtained from ABB at its then current charge.

© Copyright 2004 ABB ALL right reserved.

ABB AB

SE-721 68 Västerås
Sweden

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

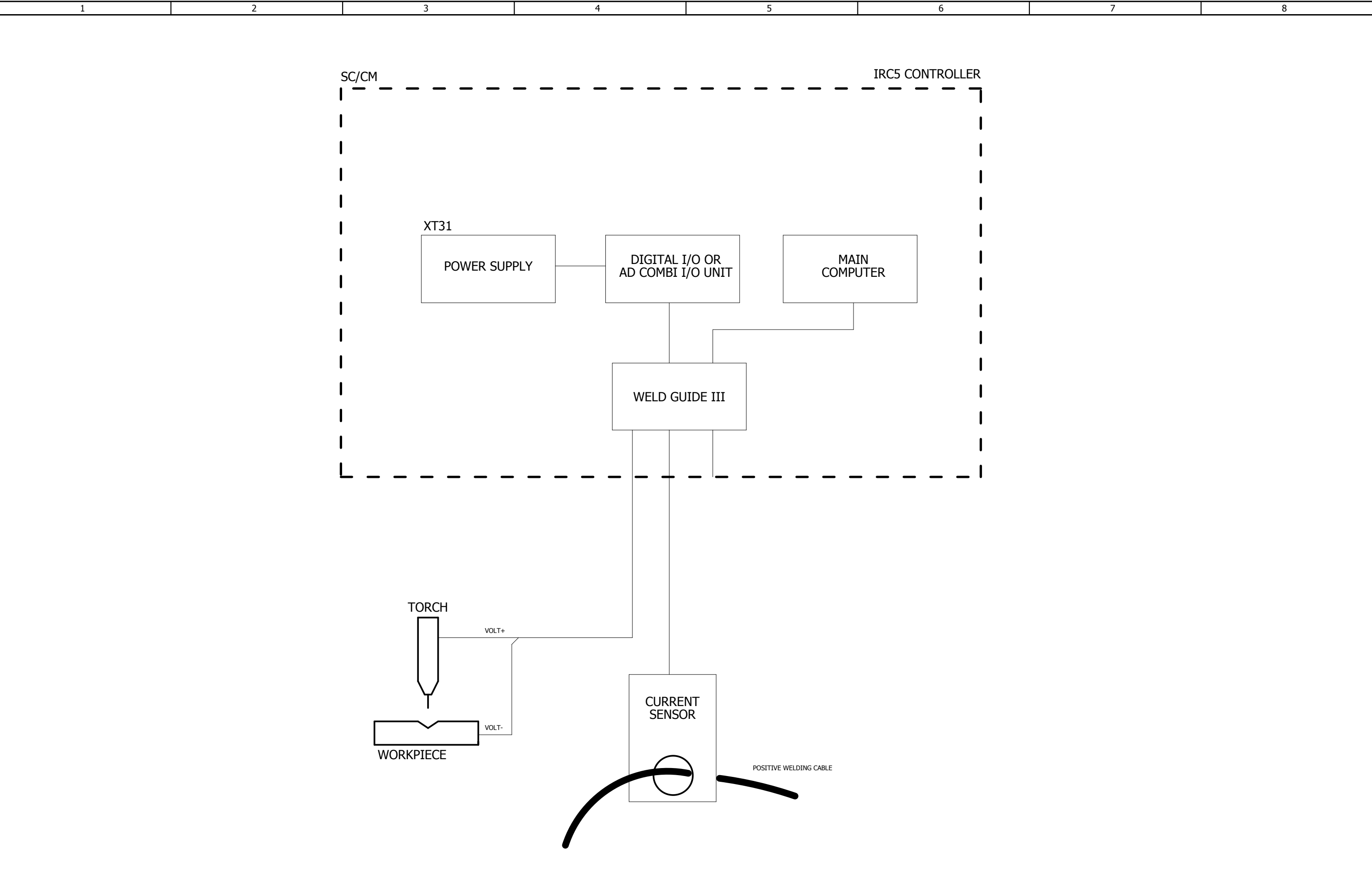



Description : Circuit Diagram Option Weldguide III
Drawing number : 3HAC039246-001
Drawing version : 04
Date : 2012-02-10

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

Drawn by : PRH/PR
Number of pages : 8
:
:
:
:
:
:

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

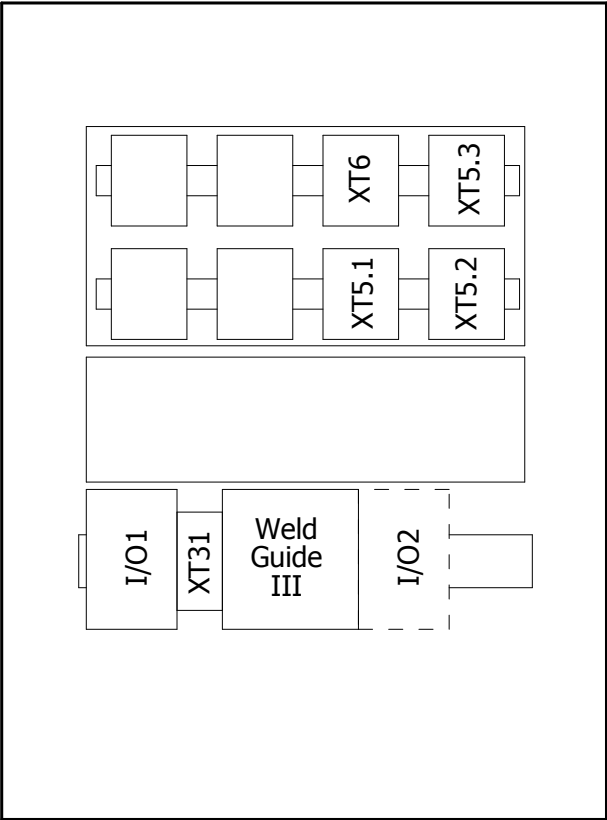



Latest revision:			Lab/Office: PRH	Circuit Diagram Option Weldguide III BLOCK DIAGRAM	Status: Approved	Plant: = Location: + Sublocation: +	
Rev. 03:Block diagram changed(4,5).					Document no. 3HAC039246-001	Rev. Ind 04	Page 4 Next 4b Total8
Prepared by, date: PR,120201	Approved by, date: MT,120210						

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

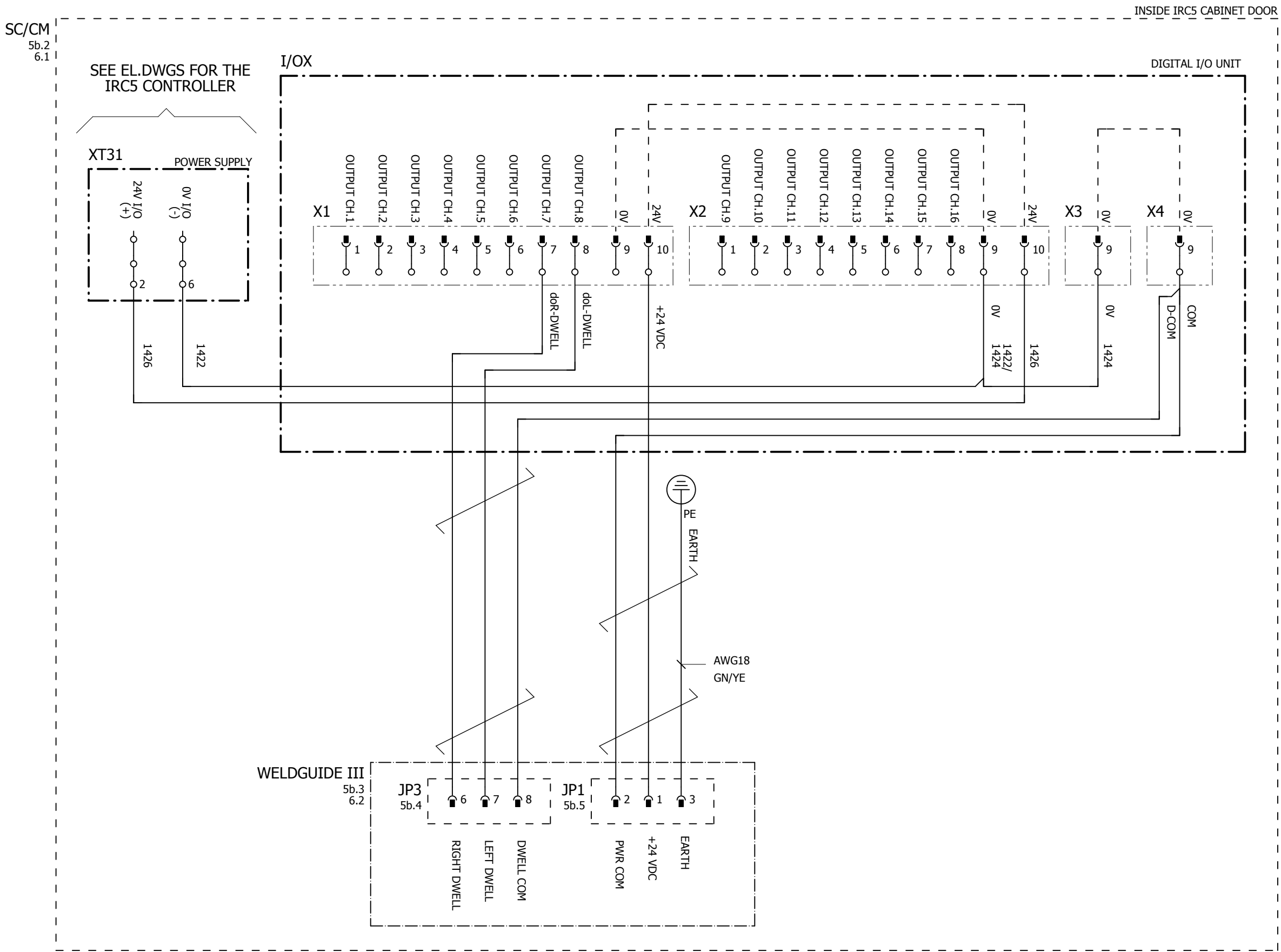
1	2	3	4	5	6	7	8
---	---	---	---	---	---	---	---

VIEW INSIDE IRC5 CABINET DOOR




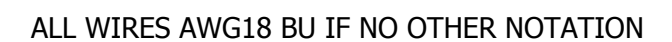
Latest revision:			Lab/Office: PRH	Circuit Diagram Option Weldguide III VIEW CABINET DOOR	Status:		Plant: =				
Rev. 01:Page 4b added.					Approved		Location: +				
Prepared by, date: PR,120201					Document no.		Sublocation:+				
Approved by, date: MT,120210					3HAC039246-001		Rev. Ind	Page 4b			
							04	Next 5			
								Total8			

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



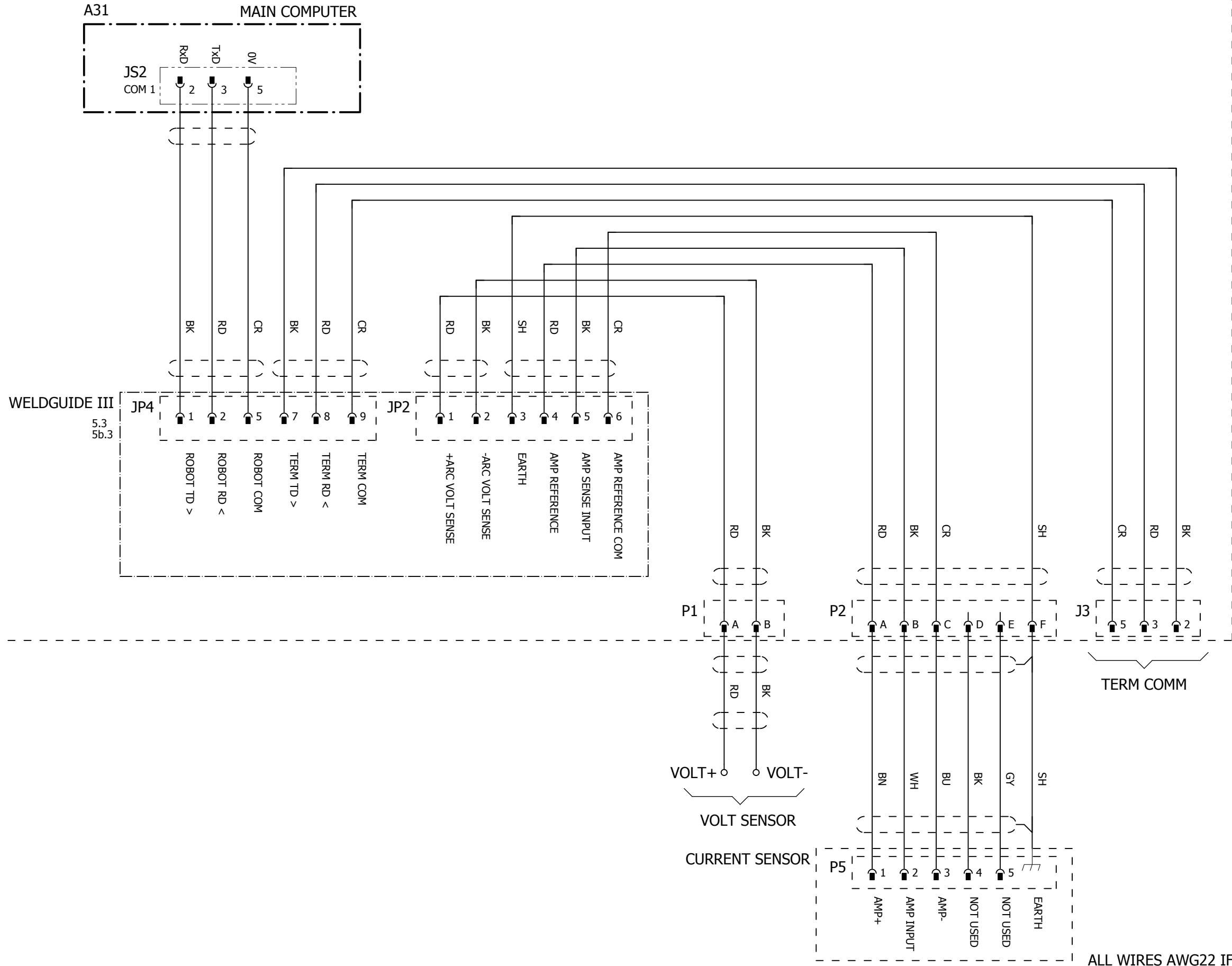
ALL WIRES AWG18 BU IF NO OTHER NOTATION

Latest revision:			Lab/Office: PRH	Circuit Diagram Option Weldguide III POWER SUPPLY AND DIGITAL I/O SIGNALS	Status: Approved		Plant: = Location: + Sublocation: +	
Rev. 02:Connection JP1 and JP3 changed(3-4).					Document no.		Rev. Ind	Page 5
Prepared by, date: PR,120201					3HAC039246-001		04	Next 5b
Approved by, date: MT,120210								Total8




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

SC/CM
5.2
5b.2



ALL WIRES AWG22 IF NO OTHER NOTATION

Latest revision:			Lab/Office: PRH	Circuit Diagram Option Weldguide III SERIAL COMMUNICATION AND SENSORS	Status: Approved		Plant: = Location: + Sublocation: +		
Rev. 02:Connection JP2 and P2 changed.Connector P1 added(4-7). Rev. 04:Cable Current Sensor and Volt Sensor added(5-7).					Document no.		Rev. Ind		
Prepared by, date: PR,120201					Approved by, date: MT,120210		3HAC039246-001		04
								Page 6	
								Next	
								Total 8	