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.

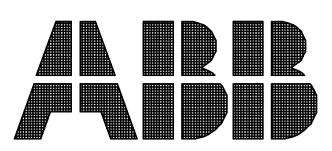
This document and parts thereof must not be reproduced or copied without ABB's written permission, and contents therof must not be imparted to a third party nor be used for any unauthorized purpose. Contravention will be prosecuted.

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

© Copyright 2004 ABB ALL right reserved.

ABB Automation Technologies AB
Robotics
SE-721 68 Västerås
Sweden

Latest revision:	ABB Lab/Office: PAW	SAFETY INTERFACE B/C/Ci/D/K/R COPYRIGHT PAGE	Status: Approved Document no.	Plant: = Location: + Sublocation:+ Rev. Ind Page 1 Next 2
Prepared by, date: Approved by, date:			3HEA8023	00-001 02 Next 2 Total 11



: SAFETY INTERFACE B/C/Ci/D/K/R Description

: 3HEA802300-001 Drawing number

Drawing version : 02

2009-02-23

Customer

Date

Year of construction 2009

Drawn by : PAW/PR

Number of pages : 11

Latest revision: Prepared by, date: Approved by, date:

Lab/Office: PAW ABB

SAFETY INTERFACE B/C/Ci/D/K/R

TITLE PAGE

Status: Approved Plant: Location: +
Sublocation:+

Document no.

Rev. Ind Page 2
Next 3
Total 11

3HEA802300-001

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

TABLE OF CONTENTS

PAGE	PAGE DESCRIPTION	Date	Edited by	
1	COPYRIGHT PAGE	2009-02-23	PAW/PR	
2	TITLE PAGE	2009-02-23	PAW/PR	
3	TABLE OF CONTENTS	2009-02-23	PAW/PR	
4	BLOCK DIAGRAM	2009-02-23	PAW/PR	
5	MAINS / CAN BUS	2009-03-11	PAW/PR	02
6	RUN CHAIN B/C/D/K/R	2009-02-24	PAW/PR	
7	RUN CHAIN C-index	2009-02-24	PAW/PR	
8	GUARD EQUIPMENT LB TYPE M4000/M40Z	2009-03-11	PAW/PR	
9	RESET PROTECTION	2009-03-11	PAW/PR	
10	SERVICE DOOR SUPERVISION	2009-03-11	PAW/PR	
11	JUMPERS CONNECTIONS / CUSTOMER CONNECTIONS	2009-03-11	PAW/PR	

Latest revision:				
Rev. 02:Page No. 8 GUARD EQUIPMENT LB TYPE MSLZ deleted.				
Prepared by, date:	Approved by, date:			

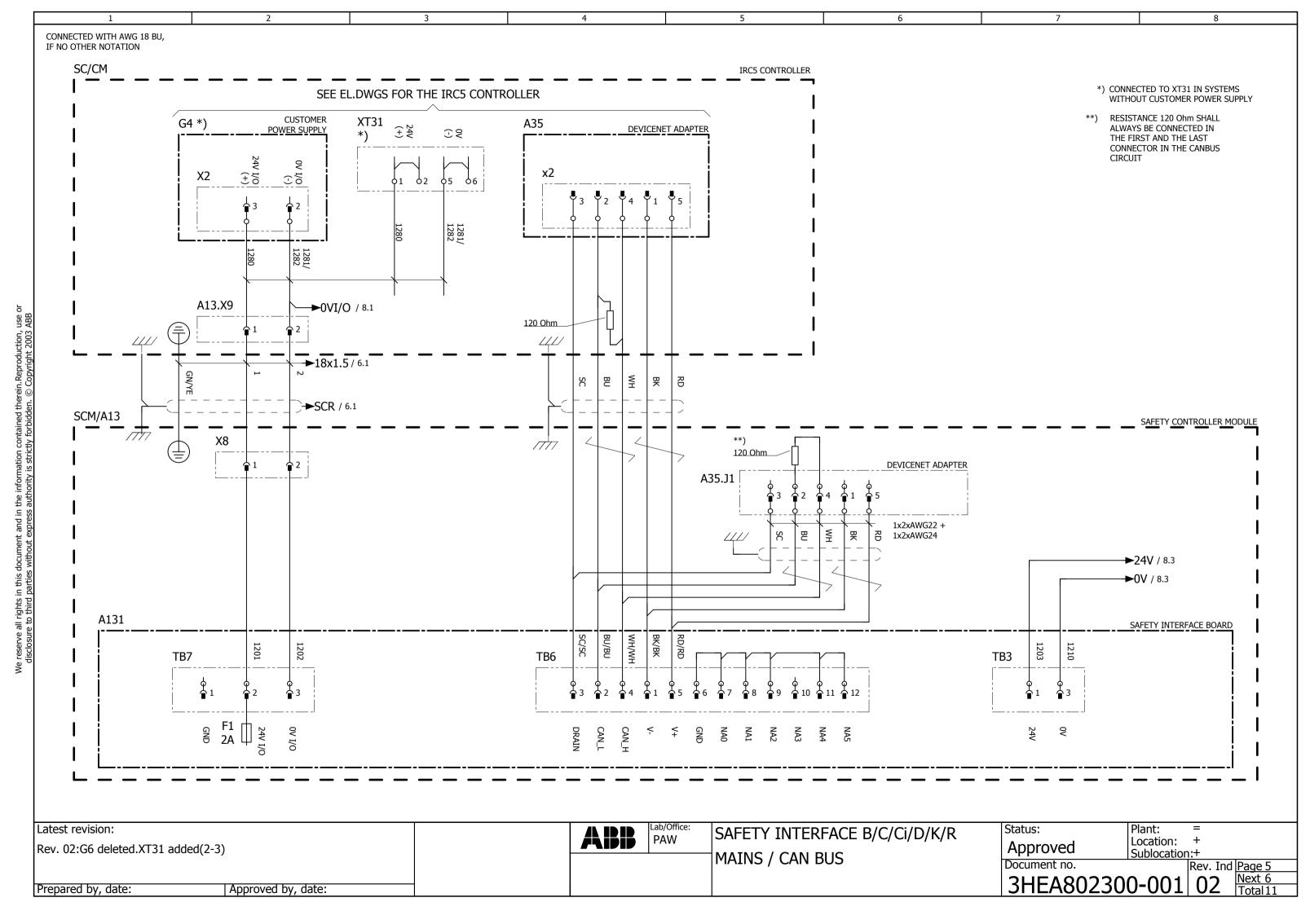


SAFETY INTERFACE B/C/Ci/D/K/R TABLE OF CONTENTS

Status: Approved Document no. Plant: = Location: + Sublocation:+

Rev. Ind Page 3
Next 4
Total 11

3HEA802300-001

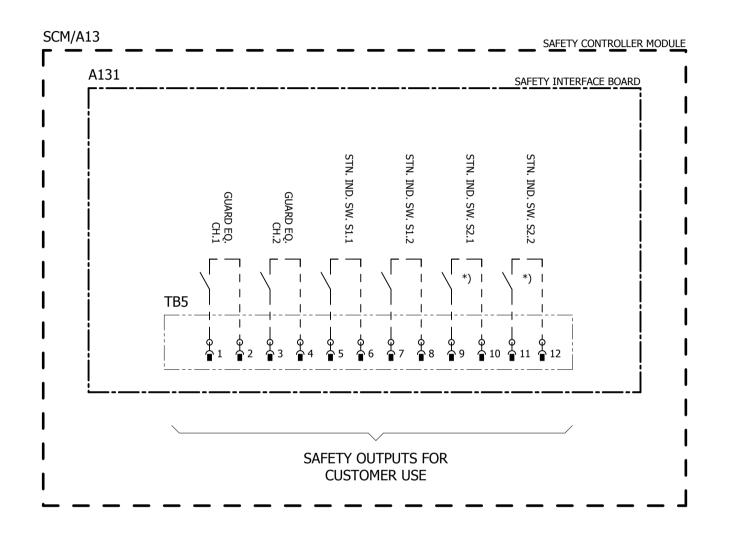


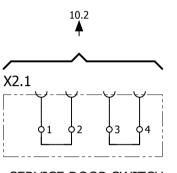
CONNECTED WITH AWG 18 BU, IF NO OTHER NOTATION SCM/A13 SAFETY CONTROLLER MODULE *) OPTION BOARD ONLY IF SAFETY OPTION PRE RESET PB A131 *)OPTION BOARD PRE RESET AREA 1 A131.2 TB32 TB31 TB121 **J** 14 13 We reserve all rights in this document and in the information contained therein. Reproduction, use or disclosure to third parties without express authority is strictly forbidden. © Copyright 2003 ABB 1245 1246 AWG 22 BU 8.5 / **24V**→ 8 ACT. PRE RES 1 RESET PROT. CH. 1A X4 PRE RESET (EXT.RESET PROTECTION) **PUSH BUTTON** JUMPER CONNECTED IF NO SEE SAFETY OPTIONS SH.4 RESET PROTECTION 11.5 Lab/Office: PAW SAFETY INTERFACE B/C/Ci/D/K/R Plant: Latest revision: Status: Location: + Sublocation:+ Approved Document no. RESET PROTECTION Rev. Ind Page 9
Next 10
Total 11 3HEA802300-001 Prepared by, date: Approved by, date:

CONNECTED WITH AWG 18 BU,

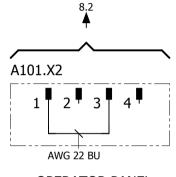
IF NO OTHER NOTATION

*)C-INDEX POSITIONERS ONLY

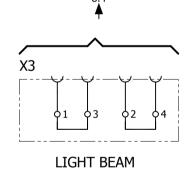


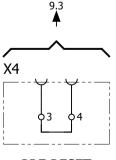






OPERATOR PANEL





PRE RESET PUSH BUTTON

Prepared by, date: Approved by, date:

ABB | Lab/Office: PAW

SAFETY INTERFACE B/C/Ci/D/K/R
JUMPERS CONNECTIONS / CUSTOMER
CONNECTIONS

Status:
Approved
Document no.

Plant: = Location: + Sublocation:+

3HEA802300-001

Rev. Ind Page 11
Next
Total 11