

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.

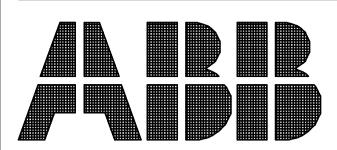
This document and parts thereof must not be reproduced or copied without ABB's written permission, and contents therof must not be imparted to a third party nor be used for any unauthorized purpose. Contravention will be prosecuted.

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	OP-PANEL & BASIC OPTIONS COPYRIGHT PAGE	Status: Approved Document no. 3HEA8022	Plant:
Prepared by, date: Approved by, date:			JIILAUUZZ	.99 UUI UZ Total9



Description : OP-PANEL & BASIC OPTIONS

Drawing number : 3HEA802299-001

Drawing version : 02

2009-02-20 Date

Customer

Year of construction 2009

Drawn by : PAW/PR

Number of pages

Latest revision:

ABB

Lab/Office: PAW

OP-PANEL & BASIC OPTIONS

TITLE PAGE

Status: Approved

Plant: Location: +
Sublocation:+

Document no.

Rev. Ind Page 2
Next 3
Total 9

3HEA802299-001

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	2009-02-20	PAW/PR	
2	TITLE PAGE	2009-02-20	PAW/PR	
3	TABLE OF CONTENTS	2009-02-20	PAW/PR	
4	BLOCK DIAGRAM	2009-02-23	PAW/PR	
5	OPTION OPERATOR PANEL, POWER SUPPLY/CAN BUS	2009-02-23	PAW/PR	02
6	OPTION OPERATOR PANEL,CONTROL DEVICES -ONE PANEL/TWO AREAS	2009-02-23	PAW/PR	
7	OPT.OP-PANEL,CONTROL DEVICE,-ONE PANEL/ONE AREA,-TWO PANELS/AREA1	2009-02-23	PAW/PR	
8	OPTION OPERATOR PANEL,CONTROL DEVICES -TWO PANELS/AREA 2	2009-02-23	PAW/PR	
9	OPTION EXTENDED EMERGENCY STOP	2009-02-23	PAW/PR	02
				+
				+
				+
				+
				+
				+
				+
				+-
				+
				+-

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

Lab/Office: PAW ABB

OP-PANEL & BASIC OPTIONS TABLE OF CONTENTS

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

Rev. Ind <u>Page 3</u> Next 4 Total9

