APPROVED PRODUCT/SPECIFICATION TESTED - REVISION REPORT OR ADDRESS/CONTACT CHANGE REPORT

An FM Global Affiliate

SENDER: Forward with updated drawings or other appropriate change information to the attention of the **Approvals Division.** Original will be returned showing course of action taken.

Additional forms may be requested by writing to the attention of the **Factory Mutual Research Stock Room.**

FORWARD TO:
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Please type below: Attention of, Company Name, Address, City, State & Zip Code.

ATTENTION:

Attn: Heinfried Neuhaus, R&D Engineer
ABB Automation Products GmbH
Schillerstrasse 72
D-32425 Minden
Germany

Phone: +49-571-830-1963 **Fax: +571-830-1880**

DATE: August 16, 2000

FORWARD BY: Heinfried Neuhaus

TITLE: R&D Engineer

SIGNATURE:

MODEL(S) AFFECTED: Models: 22/06, 22/08, TZIM Ex, TZID-Ex and TZID-EXP

PRODUCT(S)
I/P Signal Converters Typ 22/06, 22/08 and Positiners TZIM Ex, TZID-Ex and TZID-EXP

DOES THIS REVISION RESULT IN MODEL/TYPE NO. CHANGE TO THE CURRENT APPROVAL GUIDE LISTING? IF YES, EXPLAIN (USE SEPARATE SHEET IF REQUIRED): ☒ YES ☐ NO

INDICATE FACTORY MUTUAL RESEARCH JOB IDENTIFICATION(S) AFFECTED: J.I. 1P3A4.AE, 5Y3A6.AX, 1P8A7.AX, 0D5Q7.AE, OR3H2.AE, 2Z5A2.AE, 2B0A4.AE, OR8A3.AE, 1B6A9.AX

HAS THE MANUFACTURING LOCATION, LISTING ADDRESS, TELEPHONE NUMBER OR CONTACT PERSON CHANGED? IF YES, EXPLAIN BELOW: ☒ YES ☐ NO

REVISION DETAILS	DWG. NO. AFFECTED	REV.	NEW DWG. NO.	REV.
Name change from: Hartmann & Braun GmbH & Co KG	900832	0	900832	1
to: ABB Automation Products GmbH	900833	0	900833	1
Production has moved early 2000	900834	1	900834	2
from: Hackethalstrasse 7, D-30179 Hannover, Germany	900841	2	900841	3
to: Schillerstrasse 72, D-32425 Minden, Germany	900842	0	900842	1
Phone: +49-571-830-0	900843	0	900843	1
Production facility Hannover will be closed	900844	0	900844	1
	900090	1	900090	2
Revsion of label artwork and control documents to include ABB logo	900988	1	900988	2
	900980	1	900980	2
Contact Person will be further:			901126	0
Dr. Thomas Karte, R& D Manager	274927	C	274927	1
Heinfried Neuhaus, R&D Engineer	900924	5	900924	6
Dernd Swider, QA Manager	900925	7	900925	8
	293016	4	293016	5

REASON FOR CHANGE(S)/COMMENTS:
Hartmann & Braun GmbH & Co. KG/Sensycon GmbH is now part of the ABB campany.

BELOW FOR FACTORY MUTUAL RESEARCH USE

COMMENTS:
ABB Automation Products GmbH is already listed in the Approval Guide, however, only under Alzenau, Germany site.
With this Revision Report the products presently listed in the Approval Guide under Sensycon GmbH will now be listed under their new name ABB Automation Products GmbH under their Minden, Germany site seperately (and not added to the Alzenau, Germany site.)
Revisions to the Label and Control Drawings do not affect safety.

See new Approval Guide Listing on back. CDL's Updated

REVISION REPORT J. I.	REVISION NOTICE NO.	CLASS NO.
3008208	----------	3610

FORWARD APPROVAL/SPECIFICATION TESTED AGREEMENT ☒ Yes ☐ No

REVISION ACCEPTED ☒ Yes ☐ No

EXAMINED BY: [signature] DATE: 10-12-00

REVIEWED BY: [signature] DATE: 10/12/00

Below is a copy of how the ABB Automation Products GmbH, Minden, Germany products will be listed in the Approval Guide:

ABB Automation Products GmbH Schillerstrasse 72, D-32425 Minden, Germany

Model 22/06-6a. I/P Signal Converter.

IS / I / 1 / ABCD — 900842 / 1, 900843 / 1, 900844 / 1; Entity;
NI / I / 2 / ABCD

Entity Parameters:
Vmax = 40 V, Imax = 125 mA, Ci = 0 F, Li = 1.0 mH.

a = 1, 2, 3, 4 or 5.

Model 22/06-6a. I/P Signal Converter.

IS / I,II,III / 1 / ABCDEFG — 900842 / 1, 900843 / 1, 900844 / 1; Entity;
NI / I / 2 / ABCD;
S / II / 2 / G; S / III / 2

Entity Parameters:
Vmax = 40 V, Imax = 125 mA, Ci = 0 F, Li = 1.0 mH.

a = 6, 7, 8 or 9.

Models 22/06-a. I/P Signal Converter.

XP / I / 1 / BCD;
DIP / II,III / 1 / EFG

a = 66, 67, 68, 69, 99 or 99-1.

Models 22/08-18, 21/13-18 and 21/13-28. P/I Signal Converter.

XP / I / 1 / ABCD;
DIP / II,III / EFG

Model TZID-EXP. Intelligent Positioner.

XP / I / 1 / BCD; DIP / II,III / 1 / EFG

Model TZID Ex. Smart Positioner.

IS / I,II,III / 1 / ABCDEFG — 900925 / 8; Entity;
NI / I / 2 / ABCD;
S / II / 2 / FG; S / III / 2

Entity Parameters:
Voc = 40 V, Isc = 203 mA, Ca = 2.4 nF, La = 50 H.

Model TZIM Ex. Positioner.

IS / I / 1 / ABCD — 900988 / 2; Entity;
NI / I / 2 / ABCD

Entity Parameters:
Vmax = 40 V, Imax = 125 mA, Ci = 0, Li = 1 mH.