

CERTIFICATE OF COMPLIANCE

Certificate Number 20121220 – E44653
Report Reference E44653 - 20121215
Issue Date 2012-December-20

Issued to: SIEMENS AG
I IA CE CP R&D-VI 4
WERNER-VON-SIEMENS-STRASSE 48
92220 AMBERG, GERMANY

**This is to certify that
representative samples of**

Auxiliary Devices

Open Type Relay Modules, Type 3SK1 followed by 1 or 2, followed by 1, 2 or 3, followed by 0, 1, 2 or 3, followed 0, 1 or 2 followed by A, B or C followed by B0, J2, L2, B4, B3, W2, or W3 followed by 0, 1, 2, or 4, may be followed by suffix letters and/or numbers.

Accessories Types 3ZY12 and 3ZY13 followed by suffix letters and or numbers.


(See following pages for additional model information.)

Have been investigated by UL in accordance with the Standard(s) indicated on this Certificate.

Standard(s) for Safety: ANSI/UL 508, "Industrial Control Equipment." And CSA-C22.2 No. 14, "Industrial Control Equipment."

Additional Information: See the UL Online Certifications Directory at www.ul.com/database for additional information

Only those products bearing the UL Listing Mark for the US and Canada should be considered as being covered by UL's Listing and Follow-Up Service meeting the appropriate requirements for US and Canada.

The UL Listing Mark for the US and Canada generally includes: the UL in a circle symbol with "C" and "US" identifiers:  the word "LISTED"; a control number (may be alphanumeric) assigned by UL; and the product category name (product identifier) as indicated in the appropriate UL Directory.

Look for the UL Listing Mark on the product.



William R. Carney, Director, North American Certification Programs
UL LLC

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This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

General:

The Safety system 3SK1 is a modular system.

The concept consists of main or extension units, standard or advanced version, a power-supply and modules with relay and/or semiconductor output and sensor modules. The devices additionally have an output module with contactors inside. The system can be connected over a back board connection.

These devices are intended for use in industrial applications.

The accessories, Types 3ZY12 and 3ZY13, are intended for wall fastening, and terminal connections.

Ratings

Input: Control voltage 24 V dc, 24-230 V ac, 24 V ac/dc
and 110-240 V ac/dc, 115 V ac

Output:

| | | |
|---------------------|---------------|---|
| Relay Basic | 3SK1111... | B300/R300 (pilot duty), Maximum 12 A Continuous for all outputs |
| Relay Advanced | 3SK1121... | B300/R300 (pilot duty), Maximum 12 A Continuous for all outputs |
| Electronic Basic | 3SK1112... | 24 V dc / max 2A |
| Electronic Advanced | 3SK1120/22... | 24 V dc / max 2A |

Power extension 3SK1213... A300/P300

Power Supply 3SK1230... Input 110...240V ac/dc
Output 24 V dc / 0.6 A

AMBIENT: Surrounding air temperature 60°C



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Nomenclature Breakdown

| | | | | | | | | |
|------|----|-----|----|---|----|-----|------|------|
| 3SK1 | 1 | 1 | 1 | 0 | A | B0 | 0 | |
| I | II | III | IV | V | VI | VII | VIII | IX |

- I. Basic
3SK1
- II. Type of device
1 – main unit
2 – extension unit
- III. Subtype of device
For type 3SK11
1 – Basic
2 – Advanced
For type 3SK12
1 – Output extension unit
2 – Input extension unit
3 – Power module
- IV. Type of Output
0 – without output
1 – Relay output
2 – Semiconductor output
3 – Contactor output
- V. Type of terminal
0 – without terminal
1 - Screw terminal
2 – Spring terminal



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Nomenclature Breakdown (Cont.)

VI. Numbers of output

For type 3SK11

A - 3 release circuit

B - 2 release circuit

C - 4 release circuit

For type 3SK121

A - 3 release circuit

B - 4 release circuit

For type 3SK122/3SK123

A - Invariable

VII. Nominal voltage (Control voltage)

B0 - AC 50/60 Hz, 24 V

J2 - AC 50/60 Hz, 115V

L2 - AC 50/60 Hz, 230V

B4 - DC 24V

B3 - AC 50/60 Hz, DC, 24 V

W2 - AC 50/60 Hz, DC, 110 - 240 V

W3 - AC 50/60 Hz, DC, 24 – 240

VIII. Time delay

0 - No time delay

1 – 0.05 - 3 seconds delay time

2 – 0.5 - 30 seconds delay time

4 - 5 - 300 seconds delay time

XI. Manufacturer's use (Non-critical)

Any alphanumeric suffix



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