CERTIFICATE OF COMPLIANCE

Certificate Number	E148698
Report Reference	E148698-19960815
Issue Date	2023-NOVEMBER-27

Issued to: SIEMENS AG
SI EP R&D TC 1
Werner-von-Siemens-Strasse 48
Amberg, 92224 Germany

This is to certify that representative samples of POWER CIRCUIT AND MOTOR-MOUNTED APPARATUS

AS-Interface module, Models. 8WD4428-0BD, 8WD4428-0BE, 8WD4428-0BA, 8WD4428-0BB, 8WD4328-0BA, 8WD4328-0BB, 8WD4228-0BB.

Buzzer element, Models 8WD4450-0FA, 8WD4420-0FA, 8WD4440-0FA, 8WD4420-0EA2, 8WD4440-0EA2, 8WD4450-0EA2, 8WD4420-0EA.

(continued on next page)

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

Standard(s) for Safety: UL 508 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: c UL us 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

William R. Carney, Director, North American Certification Programs

UL LLC

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact a local UL Customer Service Representative at www.ul.com/contactus

CERTIFICATE OF COMPLIANCE

Certificate Number	E148698
Report Reference	E148698-19960815
Issue Date	2023-NOVEMBER-27

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

Electronic installation buzzers, Models 3SB3233-7BA10, 3SB3234- 7BA10, 3SB3235 -7BA10, 8WD6120-1AA, 8WD6108-0AA.

Signal lights, Models 8WD4408-0AE, 8WD4408-0AD, 8WD4300-1AB, 8WD4300-1AC, 8WD4300-1AD, 8WD4300-1AE, 8WD4300-1AF, 8WD4308-0AA, 8WD4308-0AB, 8WD4320-1BB, 8WD4320-1BC, 8WD4320-1BD, 8WD4320-1BE, 8WD4320-1BF, 8WD4350-1BB, 8WD4350-1BC, 8WD4350-1BD, 8WD4350-1BE, 8WD4350-1BF, 8WD4320-5AB, 8WD4320-5AC, 8WD4320-5AD, 8WD4320-5BB, 8WD4320-5BC, 8WD4320-5BD, 8WD4320-5DB, 8WD4320-5DC, 8WD4320-5DD, 8WD4320-0CB, 8WD4320-0CC, 8WD4320-0CD, 8WD4320-0CE, 8WD4320-0CF, 8WD4350-0CB, 8WD4350-0CC, 8WD4350-0CD, 8WD4350-0CE, 8WD4350-0CF, 8WD4320-0FA, 8WD4350-0FA, 8WD4300-0GA, 8WD4340-0CB, 8WD4340 0CE, 8WD4340-0CF, 8WD4320-5BC, 8WD4320-5AE, 8WD4320-5AF, 8WD4340-0FA, 8WD4320-0EA, 8WD4340-0EA2, 8WD4350-0EA2, 8WD4320-0EA2, 8WD4340-1BB, 8WD4340-1BC, 8WD4340-1BD, 8WD4340-1BE, 8WD4340-1BF, 8WD4200 1AB, 8WD4200-1AC, 8WD4200-1AD, 8WD4200-1AE, 8WD4200-1AF, 8WD4208-0AA, 8WD4220-0FA, 8WD4220-1BB, 8WD4220-1BC, 8WD4220-1BD, 8WD4220-1BE, 8WD4220-1BF, 8WD4200 1AB, 8WD4200-1AC, 8WD4200-1AD, 8WD4200-1AE, 8WD4200-1AF, 8WD4208-0AA, 8WD4220-0FA, 8WD4220-1BB, 8WD4220-1BC, 8WD4220-1BD, 8WD4220-1BE, 8WD4220-1BF, 8WD4220-5AB, 8WD4220-5AC, 8WD4220-5AD, 8WD4240-0FA, 8WD4240-1BB, 8WD4240-1BC, 8WD4240-1BD, 8WD4240-1BE, 8WD4240-1BF, 8WD4250-0FA, 8WD4250-1BB, 8WD4250-1BC, 8WD4250-1BD, 8WD4250-1BE, 8WD4250-1BF, 8WD4400-1AB, 8WD4400-1AC, 8WD4400-1AD, 8WD4400-1AE, 8WD4400-1AF, 8WD4420-1BB, 8WD4440-1BB, 8WD4450-1BB, 8WD4420-1BC, 8WD4440-1BC, 8WD4450-1BC, 8WD4420-1BD, 8WD4440-1BD, 8WD4450-1BD, 8WD4420-1BE, 8WD4440-1BE, 8WD4450-1BE, 8WD4420-1BF, 8WD4440-1BF, 8WD4450-1BF, 8WD4420-0CB, 8WD4440-0CB, 8WD4450-0CB, 8WD4420-0CC, 8WD4440-0CC, 8WD4450-0CC, 8WD4420-0CD, 8WD4440-0CD, 8WD4450-0CD, 8WD4420-0CE, 8WD4440-0CE, 8WD4450-0CE, 8WD4420-0CF, 8WD4440-0CF, 8WD4450-0CF, 8WD4340-0CC, 8WD4340-0CD, 8WD4340-0EA2, 8WD4340-0FA,8WD4408-0AA, 8WD4408-0AB, 8WD4450-5AB, 8WD4450-5AC, 8WD4450-5AD, 8WD4450-5AE, 8WD4450-5AF.

(continued on next page)

William R. Carney

William R. Carney, Director, North American Certification Programs

UL LLC

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact a local UL Customer Service Representative at www.ul.com/contactus

CERTIFICATE OF COMPLIANCE

Certificate Number	E148698
Report Reference	E148698-19960815
Issue Date	2023-NOVEMBER-27

Signal lights, Models 8WD4220-5BB, 8WD4220-5BC, 8WD4220-5BD, 8WD4220-5BE, 8WD4220-5BF, 8WD4240-5BB, 8WD4240-5BC, 8WD4240-5BD, 8WD4 240-5AB, 8WD4 250-5AB, 8WD4 220-0CB, 8WD4 240-5AC, 8WD4 250-5AC, 8WD4 220-0CC, 8WD4 240-5AD, 8WD4 250-5AD, 8WD4 220-0CD, 8WD4 240-5AE, 8WD4 250-5AE, 8WD4 220-0CE, 8WD4 240-5AF, 8WD4 250-5AF, 8WD4 220-0CF, 8WD4240-5BE, 8WD4240-5BF, 8WD4250-5BB, 8WD4250-5BC, 8WD4250-5BD, 8WD4250-5BE, 8WD4250-5BF, 8WD4440-5AB, 8WD4450-5AB, 8WD4420-5AB, 8WD4420-5BB, 8WD4420-5DB, 8WD4440-5AC, 8WD4450-5AC, 8WD4420-5AC, 8WD4420-5BC, 8WD4420-5DC, 8WD4440-5AD, 8WD4450-5AD, 8WD4420-5AD, 8WD4420-5BD, 8WD44205-DD, 8WD4440-5AE, 8WD4450-5AE, 8WD4420-5AE, 8WD4440-5AF, 8WD4450-5AF, 8WD4420-5AF, 8WD4220-5AE, 8WD4220-5AF, 8WD4420-5BE, 8WD4420-5BF, 8WD4440-5BB, 8WD4440-5BC, 8WD4440-5BD, 8WD4440-5BE, 8WD4440-5BF, 8WD4450-5BB, 8WD4450-5BC, 8WD4450-5BD, 8WD4450-5BE, 8WD4450-5BF, 8WD4 420-5DE, 8WD4 420-5DF.

Signal light accessory, Models 8WD4308-0DA, 8WD4308-0DB, 8WD4308-0EA, 8WD4308-0EB, 8WD4308-0CA, 8WD4308-0CB, 8WD4308-0DC, 8WD4308-0CB, 8WD4308-0XA.

Signal lights for built in or on a panel, Models 8WD5300-1AB, 8WD5300-1AC, 8WD5300-1AD, 8WD5300-1AE, 8WD5300-1AF, 8WD5320-0CB, 8WD5320-0CC, 8WD5320-0CD, 8WD5320-0CE, 8WD5320-0CF, 8WD5320-5AB, 8WD5320-5AC, 8WD5320-5AD, 8WD5320-5BB, 8WD5320-5BC, 8WD5320-5BD, 8WD5320-5DB, 8WD5320-5DC, 8WD5320-5DD, 8WD5 320-5AE, 8WD5 320-5BE, 8WD5 320-5DE, 8WD5 320-5AF, 8WD5 320-5BF, 8WD5 320-5DF, 8WD5340-0CB, 8WD5340-0CC, 8WD5340-0CD, 8WD5340-0CE, 8WD5340-0CF, 8WD5350-0CB, 8WD5350-0CC, 8WD5350-0CD, 8WD5350-0CE, 8WD5350-0CF, 3SX3235, 3SX3237, 3SX3238, 3SX3245, 3SX3242.

(continued on next page)

William R. Carney

William R. Carney, Director, North American Certification Programs

UL LLC

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact a local UL Customer Service Representative at www.ul.com/contactus

CERTIFICATE OF COMPLIANCE

Certificate Number	E148698
Report Reference	E148698-19960815
Issue Date	2023-NOVEMBER-27

ELECTRICAL RATINGS:

Signal lights, Signal light accessory, Signal lights for built in or on a panel, AS-Interface modules: 12 V dc, 24 V dc, 24 V ac/dc, 115 V ac/dc, 230 V ac, 230 V ac/dc, 240 V ac, input maximum.

Electronic installation buzzers:
Models 3SB3233-7BA10, 3SB3234- 7BA10, 3SB3235 -7BA10: 24 V ac/dc, 48 V ac/dc, 115 V ac/dc, 230 V ac input maximum, less than 100 mA.

Models 8WD6108-0AA, 8WD6120-1AA: 12 V dc, 24 V ac/dc, 48 V ac/dc, 115 V ac/dc, 230 V ac, 20 mA.

Signal light bulbs are rated 7 W for Cat. Nos. 8WD4300-1AB, 8WD4300-1AC, 8WD4300-1AD, 8WD4300-1AE, 8WD4300-1AF, 8WD4308-0AA, 8WD4308-0AB, 840 800 55, 840 800 68, 840 600 00, 8WD4320-1BB, 8WD4320-1BC, 8WD4320-1BD, 8WD4320-1BE, 8WD4320-1BF, 8WD4350-1BB, 8WD4350-1BC, 8WD4350-1BD, 8WD4350-1BE, 8WD4350-1BF, 8WD4340-1BB, 8WD4340-1BC, 8WD4340-1BD, 8WD4340-1BE, 8WD4340-1BF and Cat. Nos. 8WD4400-1AB, 8WD4400-1AC, 8WD4400-1AD, 8WD4400-1AE, 8WD4400-1AF, 8WD4420-1BB, 8WD4440-1BB, 8WD4450-1BB, 8WD4420-1BC, 8WD4440-1BC, 8WD4450-1BC, 8WD4420-1BD, 8WD4440-1BD, 8WD4450-1BD, 8WD4420-1BE, 8WD4440-1BE, 8WD4450-1BE, 8WD4420-1BF, 8WD4440-1BF, 8WD4450-1BF.

Signal light bulbs are rated 5 W for Cat. Nos. 8WD4200 1AB, 8WD4200-1AC, 8WD4200-1AD, 8WD4200-1AE, 8WD4200-1AF, 8WD4200 1AB, 8WD4200-1AC, 8WD4200-1AD, 8WD4200-1AE, 8WD4200-1AF, 8WD4220-1BB, 8WD4220-1BC, 8WD4220-1BD, 8WD4220-1BE, 8WD4220-1BF, 8WD4240-1BB, 8WD4240-1BC, 8WD4240-1BD, 8WD4240-1BE, 8WD4240-1BF, 8WD4250-1BB, 8WD4250-1BC, 8WD4250-1BD, 8WD4250-1BE, 8WD4250-1BF.

Only for Model 8WD4328-0BA and 8WD4428-0BA.
Input: 31,5 V dc max, 10 mA...210 mA
Output: 30 V dc, 200 mA max

Only for Models 8WD4328-0BB, 8WD4228-0BB, and 8WD4428-0BB.
Input: 30 V dc maximum, 75 mA (control lines)
Output: 230 V ac/dc, 1.5 A (on load lines)

(continued on next page)

William R. Carney

William R. Carney, Director, North American Certification Programs

UL LLC

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact a local UL Customer Service Representative at www.ul.com/contactus

CERTIFICATE OF COMPLIANCE

Certificate Number	E148698
Report Reference	E148698-19960815
Issue Date	2023-NOVEMBER-27

Models 8WD4320-5DB, 8WD4320-5DC, and 8WD4320-5DD: 24Vac/dc 45mA

Models 8WD4 220-0CB, 8WD4 220-0CC, 8WD4 220-0CD, 8WD4 220-0CE, and 8WD4 220-0CF: 24Vac/dc 45mA

ENCLOSURE RATING:

Type 12 (8WD4408-0AE, 8WD4408-0AD, 8WD4300-1AB, 8WD4300-1AC, 8WD4300-1AD, 8WD4300-1AE, 8WD4300-1AF, 8WD4308-0AA, 8WD4308-0AB, 8WD4320-1BB, 8WD4320-1BC, 8WD4320-1BD, 8WD4320-1BE, 8WD4320-1BF, 8WD4350-1BB, 8WD4350-1BC, 8WD4350-1BD, 8WD4350-1BE, 8WD4350-1BF, 8WD4320-5AB, 8WD4320-5AC, 8WD4320-5AD, 8WD4320-5BB, 8WD4320-5BC, 8WD4320-5BD, 8WD4320-5DB, 8WD4320-5DC, 8WD4320-5DD, 8WD4320-0CB, 8WD4320-0CC, 8WD4320-0CD, 8WD4320-0CE, 8WD4320-0CF, 8WD4350-0CB, 8WD4350-0CC, 8WD4350-0CD, 8WD4350-0CE, 8WD4350-0CF, 8WD4320-0FA, 8WD4350-0FA, 8WD5300-1AB, 8WD5300-1AC, 8WD5300-1AD, 8WD5300-1AE, 8WD5300-1AF, 8WD5320-0CB, 8WD5320-0CC, 8WD5320-0CD, 8WD5320-0CE, 8WD5320-0CF, 8WD5320-5AB, 8WD5320-5AC, 8WD5320-5AD, 8WD5320-5BB, 8WD5320-5BC, 8WD5320-5BD, 8WD5320-5DB, 8WD5320-5DC, 8WD5320-5DD, 8WD5 320-5AE, 8WD5 320-5BE, 8WD5 320-5DE, 8WD5 320-5AF, 8WD5 320-5BF, 8WD5 320-5DF, 8WD5340-0CB, 8WD5340-0CC, 8WD5340-0CD, 8WD5340-0CE, 8WD5340-0CF, 8WD5350-0CB, 8WD5350-0CC, 8WD5350-0CD, 8WD5350-0CE, 8WD5350-0CF, 8WD4450-0FA, 8WD4420-0FA, 8WD4440-0FA, 8WD4420-0EA2, 8WD4440-0EA2, 8WD4450-0EA2, 8WD4420-0EA, 8WD4428-0BD, 8WD4428-0BE, 8WD4428-0BA, 8WD4428-0BB, 8WD4328-0BA, 8WD4328-0BB, 8WD4228-0BB, 8WD4300-0GA, 8WD4340-0CB, 8WD4340 0CE, 8WD4340-0CF, 8WD4320-5BC, 8WD4320-5AE, 8WD4320-5AF, 8WD4340-0FA, 8WD4320-0EA, 8WD4340-0EA2, 8WD4350-0EA2, 8WD4320-0EA2, 8WD4340-1BB, 8WD4340-1BC, 8WD4340-1BD, 8WD4340-1BE, 8WD4340-1BF, 8WD4200 1AB, 8WD4200-1AC, 8WD4200-1AD, 8WD4200-1AE, 8WD4200-1AF, 8WD4208-0AA, 8WD4220-0FA, 8WD4220-1BB, 8WD4220-1BC, 8WD4220-1BD, 8WD4220-1BE, 8WD4220-1BF, 8WD4200 1AB, 8WD4200-1AC, 8WD4200-1AD, 8WD4200-1AE, 8WD4200-1AF, 8WD4208-0AA, 8WD4220-0FA, 8WD4220-1BB, 8WD4220-1BC, 8WD4220-1BD, 8WD4220-1BE, 8WD4220-1BF, 8WD4220-5AB, 8WD4220-5AC, 8WD4220-5AD, 8WD4240-0FA, 8WD4240-1BB, 8WD4240-1BC, 8WD4240-1BD, 8WD4240-1BE, 8WD4240-1BF, 8WD4250-0FA, 8WD4250-1BB, 8WD4250-1BC, 8WD4250-1BD, 8WD4250-1BE, 8WD4250-1BF, 8WD4400-1AB, 8WD4400-1AC, 8WD4400-1AD, 8WD4400-1AE, 8WD4400-1AF, 8WD4420-1BB, 8WD4440-1BB, 8WD4450-1BB, 8WD4420-1BC, 8WD4440-1BC, 8WD4450-1BC, 8WD4420-1BD, 8WD4440-1BD, 8WD4450-1BD, 8WD4420-1BE, 8WD4440-1BE, 8WD4450-1BE, 8WD4420-1BF, 8WD4440-1BF, 8WD4450-1BF, 8WD4420-0CB, 8WD4440-0CB,
(continued on next page)

William R. Carney

William R. Carney, Director, North American Certification Programs

UL LLC

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact a local UL Customer Service Representative at www.ul.com/contactus

CERTIFICATE OF COMPLIANCE

Certificate Number	E148698
Report Reference	E148698-19960815
Issue Date	2023-NOVEMBER-27

ENCLOSURE RATING:

Type 12 (8WD4450-0CB, 8WD4420-0CC, 8WD4440-0CC, 8WD4450-0CC, 8WD4420-0CD, 8WD4440-0CD, 8WD4450-0CD, 8WD4420-0CE, 8WD4440-0CE, 8WD4450-0CE, 8WD4420-0CF, 8WD4440-0CF, 8WD4450-0CF, 8WD4340-0CC, 8WD4340-0CD, 8WD4340-0EA2, 8WD4340-0FA, 8WD4408-0AA, 8WD4408-0AB, 8WD4450-5AB, 8WD4450-5AC, 8WD4450-5AD, 8WD4450-5AE, 8WD4450-5AF, 3SX3235, 3SX3237, 3SX3238, 3SX3245, 3SX3242, 8WD4220-5BB, 8WD4220-5BC, 8WD4220-5BD, 8WD4220-5BE, 8WD4220-5BF, 8WD4240-5BB, 8WD4240-5BC, 8WD4240-5BD, 8WD4 240-5AB, 8WD4 250-5AB, 8WD4 220-0CB, 8WD4 240-5AC, 8WD4 250-5AC, 8WD4 220-0CC, 8WD4 240-5AD, 8WD4 250-5AD, 8WD4 220-0CD, 8WD4 240-5AE, 8WD4 250-5AE, 8WD4 220-0CE, 8WD4 240-5AF, 8WD4 250-5AF, 8WD4 220-0CF, 8WD4240-5BE, 8WD4240-5BF, 8WD4250-5BB, 8WD4250-5BC, 8WD4250-5BD, 8WD4250-5BE, 8WD4250-5BF, 8WD4440-5AB, 8WD4450-5AB, 8WD4420-5AB, 8WD4420-5BB, 8WD4420-5DB, 8WD4440-5AC, 8WD4450-5AC, 8WD4420-5AC, 8WD4420-5BC, 8WD4420-5DC, 8WD4440-5AD, 8WD4450-5AD, 8WD4420-5AD, 8WD4420-5BD, 8WD44205-DD, 8WD4440-5AE, 8WD4450-5AE, 8WD4420-5AE, 8WD4440-5AF, 8WD4450-5AF, 8WD4420-5AF, 8WD4220-5AE, 8WD4220-5AF, 8WD4420-5BE, 8WD4420-5BF, 8WD4440-5BB, 8WD4440-5BC, 8WD4440-5BD, 8WD4440-5BE, 8WD4440-5BF, 8WD4450-5BB, 8WD4450-5BC, 8WD4450-5BD, 8WD4450-5BE, 8WD4450-5BF, 8WD4 420-5DE, 8WD4 420-5DF).

Type 4X (3SB3233-7BA10, 3SB3234- 7BA10, 3SB3235 -7BA10)

Type 2 (8WD6108-0AA, 8WD6120-1AA)

Temperature Rating for devices 8WD4320-0CB, 8WD4320-0CC, 8WD4320-0CD, 8WD4320-0CE, 8WD4320-0CF,
Ambient temperature max. 50°C.

Models: 8WD4613-5HH37, 8WD4613-5JH37, 8WD4613-5HH47, 8WD4613-5JH47, 8WD4615-5HH37, 8WD4615-5JH37, 8WD4615-5HH47, 8WD4615-5JH47
This Types are enclosed, Type 4/4X/12/13, optical/audible combination signals

Signal light accessories, Model - 8WD4308-0EF – Type 4X, 13

Accessories, Models - 8WD4618-0DA – Type 4X, 13, 8WD4618-0CA – Type 4X, 13

William R. Carney

William R. Carney, Director, North American Certification Programs

UL LLC

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact a local UL Customer Service Representative at www.ul.com/contactus