

Brand name or trademark

Beijer Electronics AB

Model Name

OPT-3-STICK-BFI BFI-SmartStick Item number: 63489

OPT-3-WLKIT-BFI BFI-SmartStick and Bluetooth Dongle Kit Item number: 63490

Type of equipment

Bluetooth Communication

Telephone +46 40 35 86 00

Manufacturer's name, Address, Telephone no, Telefax no:

Beijer Electronics AB Box 426, SE - 201 24 MALMÖ SWEDEN

Telefax +46 40 93 23 01

The following standards or technical specifications (designations) which comply with good engineering practice in safety matters have been applied. The equipment conforms completely with the following stated standards or technical specifications:

Safety:

BSEN 61800-5-1:2007 and A11:2021 Adjustable speed electrical power drive systems.

Part 5-1: Safety requirements. Electrical, thermal and energy (IEC 61800-5-1:2007)

EMC:

BSEN 61800-3:2018 Adjustable speed electrical power drive systems.

Part 3: EMC requirements and specific test methods (IEC 61800-3:2017).

EN ETSI 301 489-17 ElectroMagnetic Compatibility (EMC) standard for radio equipment and services.

V3.2.4 Part 17: Specific conditions for Broadband Data Transmission Systems

ETSI EN 300 328 V2.2.2 Wideband transmission systems; Data transmission equipment operating in the 2,4

GHz band; Harmonised Standard for access to radio spectrum.

RoHS:

BSEN 63000:2018 Technical documentation for the assessment of electrical and electronic

products with respect to the restriction of hazardous substances (IEC 63000:2016).

following provision of UK regulations:

Electrical Equipment (Safety) Regulations 2016 (1101).

Electromagnetic Compatibility Regulations 2016 (1091).

Radio Equipment Regulations 2017 (1206).

The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012 (3032).

Supplementary Note:



The UKCA marking and conformity are only valid if the product has been installed in a drive system in accordance with the product User Guide delivered with the product.

Beijer Electronics



Brand name or trademark

Beijer Electronics AB

Model Name

OPT-2-OPORT-BFI BFI (BFI-E3, BFI-P2, BFI-H3) Remote LED Keypad – Grey Item number: 63141

OPT-2-OPPAD-BFI BFI (BFI-E3, BFI-P2, BFI-H3) Remote OLED Keypad - 7 Button Item number: 63201

OPT-3-OPPAD-BFI BFI (BFI-E3, BFI-P2, BFI-H3) Remote TFT Keypad - 7 Button Item number: 63201

Type of equipment

KeyPad

Manufacturer's name, Address, Telephone no, Telefax no:

Beijer Electronics AB Box 426, SE - 201 24 MALMÖ SWEDEN

Telephone +46 40 35 86 00 Telefax +46 40 93 23 01

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Safety:

BSEN 61800-5-1:2007 and A11:2021 Adjustable speed electrical power drive systems.

Part 5-1: Safety requirements. Electrical, thermal and energy (IEC 61800-5-1:2007)

EMC:

BSEN 61800-3:2018 Adjustable speed electrical power drive systems.

Part 3: EMC requirements and specific test methods (IEC 61800-3:2017).

RoHS:

BSEN 63000:2018 Technical documentation for the assessment of electrical and electronic

products with respect to the restriction of hazardous substances (IEC 63000:2016).

following provision of UK regulations:

Electrical Equipment (Safety) Regulations 2016 (1101).

Electromagnetic Compatibility Regulations 2016 (1091).

The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012 (3032).

Supplementary Note:



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Beijer Electronics



Brand name or trademark

Beijer Electronics AB

Model Name

OPT-2-RJTRM-BFI Terminator Resistor Option Item number: 63202
OPT-J4505-BFI RJ45 0.5m Cable Item number: 63144
OPT-J4510-BFI RJ45 1.0m Cable Item number: 63145
OPT-J4530-BFI RJ45 3.0m Cable Item number: 63146

Type of equipment

Communication

Manufacturer's name, Address, Telephone no, Telefax no:

Beijer Electronics AB Box 426, SE - 201 24 MALMÖ SWEDEN

Telephone +46 40 35 86 00 Telefax +46 40 93 23 01

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Safety:

BSEN 61800-5-1:2007 and A11:2021 Adjustable speed electrical power drive systems.

Part 5-1: Safety requirements. Electrical, thermal and energy (IEC 61800-5-1:2007)

EMC:

BSEN 61800-3:2018 Adjustable speed electrical power drive systems.

Part 3: EMC requirements and specific test methods (IEC 61800-3:2017).

RoHS:

BSEN 63000:2018 Technical documentation for the assessment of electrical and electronic

products with respect to the restriction of hazardous substances (IEC 63000:2016).

following provision of UK regulations:

Electrical Equipment (Safety) Regulations 2016 (1101).

Electromagnetic Compatibility Regulations 2016 (1091).

The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012 (3032).

Supplementary Note:



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Beijer Electronics



Brand name or trademark

Beijer Electronics AB

Model Name

OPT-2-J45SP-BFI 2nd Gen. RJ45 1-2way Connection Block Option Item number: 63148

OPT-J45SP-BFI RJ45 1-2way Connection Block Option Item number: 63147

Type of equipment

Communication

Manufacturer's name, Address, Telephone no, Telefax no:

Beijer Electronics AB Box 426, SE - 201 24 MALMÖ SWEDEN

Telephone +46 40 35 86 00 Telefax +46 40 93 23 01

The following standards or technical specifications (designations) which comply with good engineering practice in safety matters have been applied. The equipment conforms completely with the following stated standards or technical specifications:

Safety:

EN 61800-5-1:2007 and A11:2021 Adjustable speed electrical power drive systems.

Part 5-1: Safety requirements. Electrical, thermal and energy (IEC 61800-5-1:2007)

EMC:

EN 61800-3:2018 Adjustable speed electrical power drive systems.

Part 3: EMC requirements and specific test methods (IEC 61800-3:2017).

RoHS:

EN 63000:2018 Technical documentation for the assessment of electrical and electronic

products with respect to the restriction of hazardous substances (IEC 63000:2016).

following provision of UK regulations:

Electrical Equipment (Safety) Regulations 2016 (1101).

Electromagnetic Compatibility Regulations 2016 (1091).

The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012 (3032).

Supplementary Note:



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Beijer Electronics



Brand name or trademark

Beijer Electronics AB

Model Name

OPT-2-ETHNT-BFI BFI P2/H3 Profibus Communication Module Item number: 63122
OPT-2-DEVNT-BFI BFI P2/H3 DevNet Communication Module Item number: 63120
OPT-2-PROFB-BFI BFI P2/H3 Ethernet Communication Module Item number: 63142
OPT-3-MTPEG-BFI External Gateway Modbus TCP Item number: 63251

Type of equipment

Communication

Manufacturer's name, Address, Telephone no, Telefax no:

Beijer Electronics AB Box 426, SE - 201 24 MALMÖ SWEDEN

Telephone +46 40 35 86 00 Telefax +46 40 93 23 01

The following standards or technical specifications (designations) which comply with good engineering practice in safety matters have been applied. The equipment conforms completely with the following stated standards or technical specifications:

Safety:

BSEN 61800-5-1:2007 and A11:2021 Adjustable speed electrical power drive systems.

Part 5-1: Safety requirements. Electrical, thermal and energy (IEC 61800-5-1:2007)

EMC:

BSEN 61800-3:2018 Adjustable speed electrical power drive systems.

Part 3: EMC requirements and specific test methods (IEC 61800-3:2017).

RoHS:

BSEN 63000:2018 Technical documentation for the assessment of electrical and electronic

products with respect to the restriction of hazardous substances (IEC 63000:2016).

following provision of UK regulations:

Electrical Equipment (Safety) Regulations 2016 (1101).

Electromagnetic Compatibility Regulations 2016 (1091).

The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012 (3032).

Supplementary Note:



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Beijer Electronics



Brand name or trademark

Beijer Electronics AB

Model Name

OPT-2-E1010-20-BFI	Filter Size 1, 220-240V, 10A, 1ph/3ph, CNW102.9/10	Item number: 63114
OPT-2-E1010-66-BFI	Filter Size 1, 220-240V, 10A, 1ph/3ph, CNW102.9-10-IP66	Item number: 63210
OPT-2-E1025-20-BFI	Filter Size 2, 220-240V, 25A, 1ph/3ph, CNW102.9/25	Item number: 63115
OPT-2-E1025-66-BFI	Filter Size 2, 220-240V, 25A, 1ph/3ph, CNW102.9-25-IP66	Item number: 63211
OPT-2-E3006-20-BFI	Filter Size 1, 380-480V, 6A, 3ph, CNW114.9/6	Item number: 63116
OPT-2-E3006-66-BFI	Filter Size 1, 380-480V, 6A, 3ph, CNW114.9-6-600-IP66	Item number: 63212
OPT-2-E3016-20-BFI	Filter Size 2, 380-480V, 16A, 3ph, CNW114.9/16	Item number: 63117
OPT-2-E3016-66-BFI	Filter Size 2, 380-480V, 16A, 3ph, CNW114.9-16-600-IP66	Item number: 63213
OPT-2-E3025-20-BFI	Filter Size 3, 380-480V, 25A, 3ph, CNW114.9/25	Item number: 63118
OPT-2-E3025-66-BFI	Filter Size 3, 380-480V, 25A, 3ph, CNW114.9-25-600-IP66	Item number: 63214
OPT-2-E3050-20-BFI	Filter Size 4, 380-480V, 50A, 3ph, CNW114/50	Item number: 63155
OPT-2-E3080-20-BFI	Filter Size 5, 380-480V, 80A, 3ph, CNW114/80	Item number: 63216
OPT-2-E3180-20-BFI	Filter Size 6, 380-480V, 180A, 3ph, CNW114/180	Item number: 63156
OPT-2-E3300-00-BFI	Filter Size 7, 380-480V, 300A, 3ph, CNW114/300	Item number: 63157

Type of equipment

EMC-filter

Manufacturer's name, Address, Telephone no, Telefax no:

Beijer Electronics AB Box 426, SE - 201 24 MALMÖ

SWEDEN

Telephone +46 40 35 86 00

Telefax +46 40 93 23 01

The following standards or technical specifications (designations) which comply with good engineering practice in safety matters have been applied. The equipment conforms completely with the following stated standards or technical specifications:

Safety:

DIN EN 60939-1:2011-04 Passive filter units for electromagnetic interference suppression.

Part1: Generic specification.

EMC:

BSEN 61800-3:2018 Adjustable speed electrical power drive systems.

Part 3: EMC requirements and specific test methods (IEC 61800-3:2017).

RoHS:

BSEN 63000:2018 Technical documentation for the assessment of electrical and electronic

products with respect to the restriction of hazardous substances (IEC 63000:2016).

following provision of UK regulations:

Electrical Equipment (Safety) Regulations 2016 (1101).

Electromagnetic Compatibility Regulations 2016 (1091).

The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012 (3032).

Supplementary Note:



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Beijer Electronics



Brand name or trademark

Beijer Electronics AB

Model Name

OD-BR100-BFI Braking Resistor 100R, Beijer Item number: 63101

BFI Size 4 Braking Resistor 500W, Beijer **OD-BRES4-BFI** Item number: 63230

Type of equipment

Resistors

Manufacturer's name, Address, Telephone no, Telefax no:

Beijer Electronics AB Box 426, SE - 201 24 MALMO **SWEDEN**

Telephone +46 40 35 86 00 Telefax +46 40 93 23 01

The following standards or technical specifications (designations) which comply with good engineering practice in safety matters have been applied. The equipment conforms completely with the following stated standards or technical specifications:

Safety:

BSEN 60204-1:2011 Safety of Machinery - Electrical equipment of machines

Part 1: General requirements.

EMC:

BSEN 61800-3:2018 Adjustable speed electrical power drive systems.

Part 3: EMC requirements and specific test methods (IEC 61800-3:2017).

RoHS:

BSEN 63000:2018 Technical documentation for the assessment of electrical and electronic

products with respect to the restriction of hazardous substances (IEC 63000:2016).

following provision of UK regulations:

Electrical Equipment (Safety) Regulations 2016 (1101).

Electromagnetic Compatibility Regulations 2016 (1091).

The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012 (3032).

Supplementary Note:



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Beijer Electronics



Brand name or trademark

Beijer Electronics AB

Model Name

OPT-2-L1016-20-BFI 1ph AC Input Choke - 16A, IP20, CNW901/16 Item number: 63114 1ph AC Input Choke - 16A, IP66, CNWM901/16 IP55 OPT-2-L1016-66-BFI Item number: 63205 OPT-2-L1025-20-BFI 1ph AC Input Choke - 25A, IP20, CNW901/25 Item number: 63125 OPT-2-L1025-66-BFI 1ph AC Input Choke - 25A, IP66, CNWM901/25 IP55 Item number: 63206 3ph AC Input Choke - 6A, IP20, CNW903/6 OPT-2-L3006-20-BFI Item number: 63204 OPT-2-L3006-66-BFI 3ph AC Input Choke - 6A, IP66, CNW903/6-600 Item number: 63207 OPT-2-L3010-20-BFI 3ph AC Input Choke - 10A, IP20, CNW903/10 Item number: 63127 3ph AC Input Choke - 10A, IP66, CNW903/10-600 OPT-2-L3010-66-BFI Item number: 63208 OPT-2-L3018-66-BFI 3ph AC Input Choke - 18A, IP66, CNW903/18-600 Item number: 63128 3ph AC Input Choke - 36A, IP20, CNW903/36 OPT-2-L3036-20-BFI Item number: 63129 3ph AC Input Choke - 50A, IP20, CNW903/50 OPT-2-L3050-20-BFI Item number: 63130 OPT-2-L3090-20-BFI 3ph AC Input Choke - 90A, IP20, CNW903/90 Item number: 63131 OPT-2-L3200-00-BFI 3ph AC Input Choke - 200A, IP00, CNW905-CL/200 Item number: 63132 OPT-2-L3300-00-BFI 3ph AC Input Choke - 300A, IP00, CNW905-CL/300 Item number: 63133

Type of equipment

AC-chokes

Manufacturer's name, Address, Telephone no, Telefax no:

Beijer Electronics AB Box 426, SE - 201 24 MALMO SWEDEN

Telephone +46 40 35 86 00 Telefax +46 40 93 23 01

The following standards or technical specifications (designations) which comply with good engineering practice in safety matters have been applied. The equipment conforms completely with the following stated standards or technical specifications:

Safety:

EN 61558-2-20:2011 Safety of transformers, reactors, power supply units and combinations there of

Part 2-20: Particular requirements and tests for small reactors.

RoHS:

BSEN 63000:2018 Technical documentation for the assessment of electrical and electronic

products with respect to the restriction of hazardous substances (IEC 63000:2016).

following provision of UK regulations:

Electrical Equipment (Safety) Regulations 2016 (1101).

Electromagnetic Compatibility Regulations 2016 (1091).

The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012 (3032).

Supplementary Notes:



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Beijer Electronics



Brand name or trademark

Beijer Electronics AB

Model Name

OPT-2-M3008-20-BFI 3ph OUTPUT FILTER - 008A, IP20, CNW854/8 Item number: 63134 OPT-2-M3008-66-BFI 3ph OUTPUT FILTER - 008A, IP66, CNWM854/8-600 Item number: 63220 OPT-2-M3012-20-BFI 3ph OUTPUT FILTER - 012A, IP20, CNW854/12 Item number: 63135 OPT-2-M3012-66-BFI 3ph OUTPUT FILTER - 012A, IP66, CNWM854/12-600 Item number: 63221 3ph OUTPUT FILTER - 18A, IP66, CNWM854/18-600 OPT-2-M3018-66-BFI Item number: 63222 OPT-2-M3030-20-BFI 3ph OUTPUT FILTER - 30A, IP20, CNW854/30 Item number: 63136 OPT-2-M3075-20-BFI 3ph OUTPUT FILTER - 75A, IP20, CNW854/75 Item number: 63223 3ph OUTPUT FILTER - 180A, IP00, CNW854/180 OPT-2-M3180-00-BFI Item number: 63224 OPT-2-M3300-00-BFI 3ph OUTPUT FILTER - 300A, IP00, CNW854/300 Item number: 63140

Type of equipment

Output Filter

Manufacturer's name, Address, Telephone no, Telefax no:

Beijer Electronics AB Box 426, SE - 201 24 MALMÖ SWEDEN

Telephone +46 40 35 86 00 Telefax +46 40 93 23 01

The following standards or technical specifications (designations) which comply with good engineering practice in safety matters have been applied. The equipment conforms completely with the following stated standards or technical specifications:

Safety:

EN 61558-2-20:2011 Safety of transformers, reactors, power supply units and combinations there of

Part 2-20: Particular requirements and tests for small reactors.

RoHS:

BSEN 63000:2018 Technical documentation for the assessment of electrical and electronic

products with respect to the restriction of hazardous substances (IEC 63000:2016).

following provision of UK regulations:

Electrical Equipment (Safety) Regulations 2016 (1101).

Electromagnetic Compatibility Regulations 2016 (1091).

The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012 (3032).

Supplementary Notes:



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Beijer Electronics



Brand name or trademark

Beijer Electronics AB

Model Name

OPT-2-ISOL4-BFI BFI-P2 & BFI-H3 Size 4 Isolator Box Item number: 63150

OPT-2-ISOL5-BFI BFI-P2 & BFI-H3 Size 5 Isolator Box Item number: 63151

Type of equipment

Switches

Manufacturer's name, Address, Telephone no, Telefax no:

Beijer Electronics AB Box 426, SE - 201 24 MALMÖ SWEDEN

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Safety:

BSEN 61800-5-1:2007 and A11:2021 Adjustable speed electrical power drive systems.

Part 5-1: Safety requirements. Electrical, thermal and energy (IEC 61800-5-1:2007)

EMC:

BSEN 61800-3:2018 Adjustable speed electrical power drive systems.

Part 3: EMC requirements and specific test methods (IEC 61800-3:2017).

RoHS:

BSEN 63000:2018 Technical documentation for the assessment of electrical and electronic

products with respect to the restriction of hazardous substances (IEC 63000:2016).

following provision of UK regulations:

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Beijer Electronics



Brand name or trademark

Beijer Electronics AB

Model Name

ODP-2ROUT-BFI BFI Dual Relay Output Module Item number: 63112
OPT-2-CASCD-BFI Cascade Output Module Item number: 63119
OPT-2-ENCHT-BFI BFI-P2 Encoder HTL Option Item number: 63170
OPT-2-ENCOD-BFI Line (Incremental) Encoder Module Item number: 63121
OPT-2-EXTIO-BFI Extension IO Module (BFI-P2) Item number: 63123

Type of equipment

Option boards

Manufacturer's name, Address, Telephone no, Telefax no:

Beijer Electronics AB Box 426, SE - 201 24 MALMO SWEDEN

Telephone +46 40 35 86 00 Telefax +46 40 93 23 01

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Safety:

BSEN 61800-5-1:2007 and A11:2021 Adjustable speed electrical power drive systems.

Part 5-1: Safety requirements. Electrical, thermal and energy (IEC 61800-5-1:2007)

EMC:

BSEN 61800-3:2018 Adjustable speed electrical power drive systems.

Part 3: EMC requirements and specific test methods (IEC 61800-3:2017).

RoHS:

BSEN 63000:2018 Technical documentation for the assessment of electrical and electronic

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following provision of UK regulations:

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Electromagnetic Compatibility Regulations 2016 (1091).

The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012 (3032).

Supplementary Notes:



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Beijer Electronics

Magnus Buhre



in question complies with the safety requirements stated above.

Manufacturer

Manufacturer's authorized representative

Date yyyy-mm-dd

Signature

Position

Head of product management, Solutions

Clarification

By signing this document, the undersigned declares as manufacturer, or the manufacturer's authorized, that the equipment

DOC No. 1825509