

WI Line

DiggiMEC

NANO-HMI WITH FLAG INDICATORS



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Version: 1.0

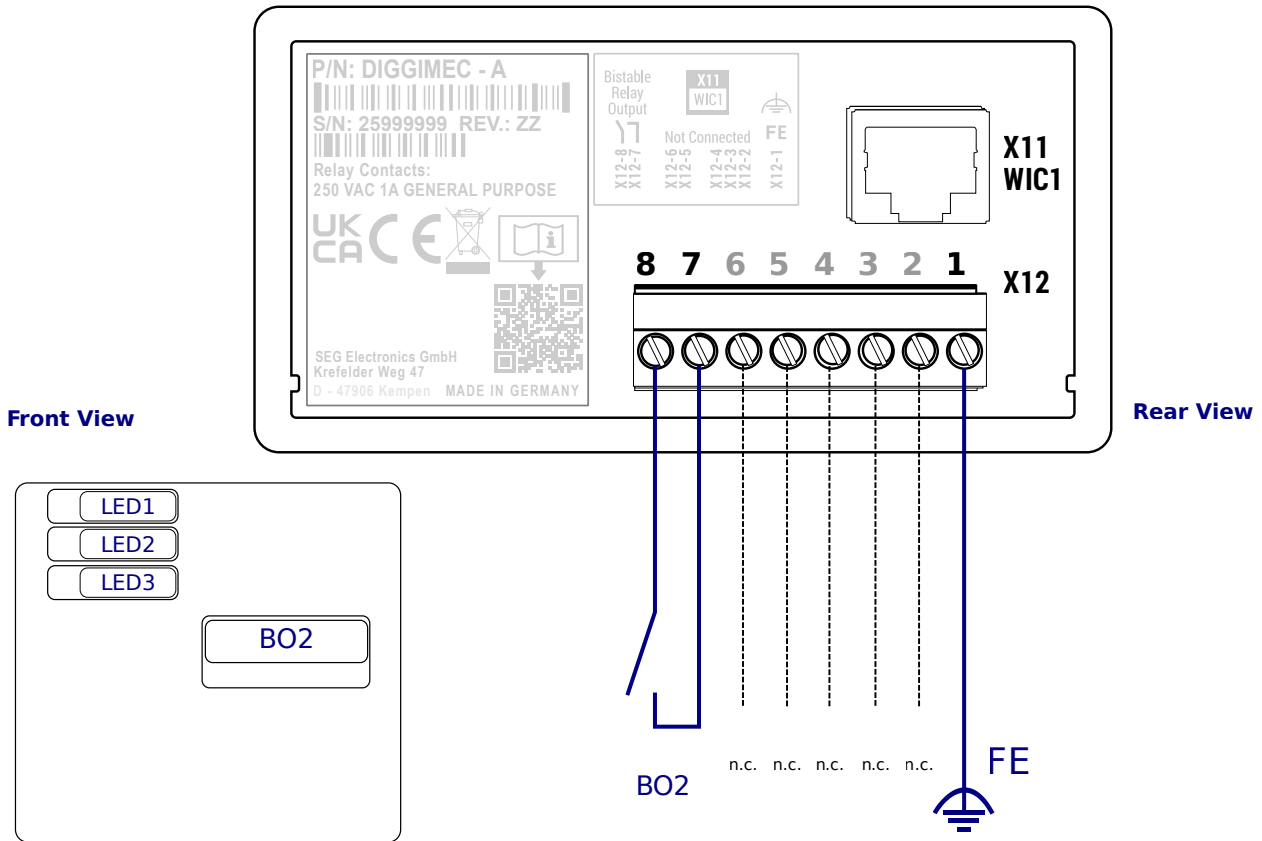
Original document

English

WIRING DIAGRAMS

This document does not replace the Technical Manual.

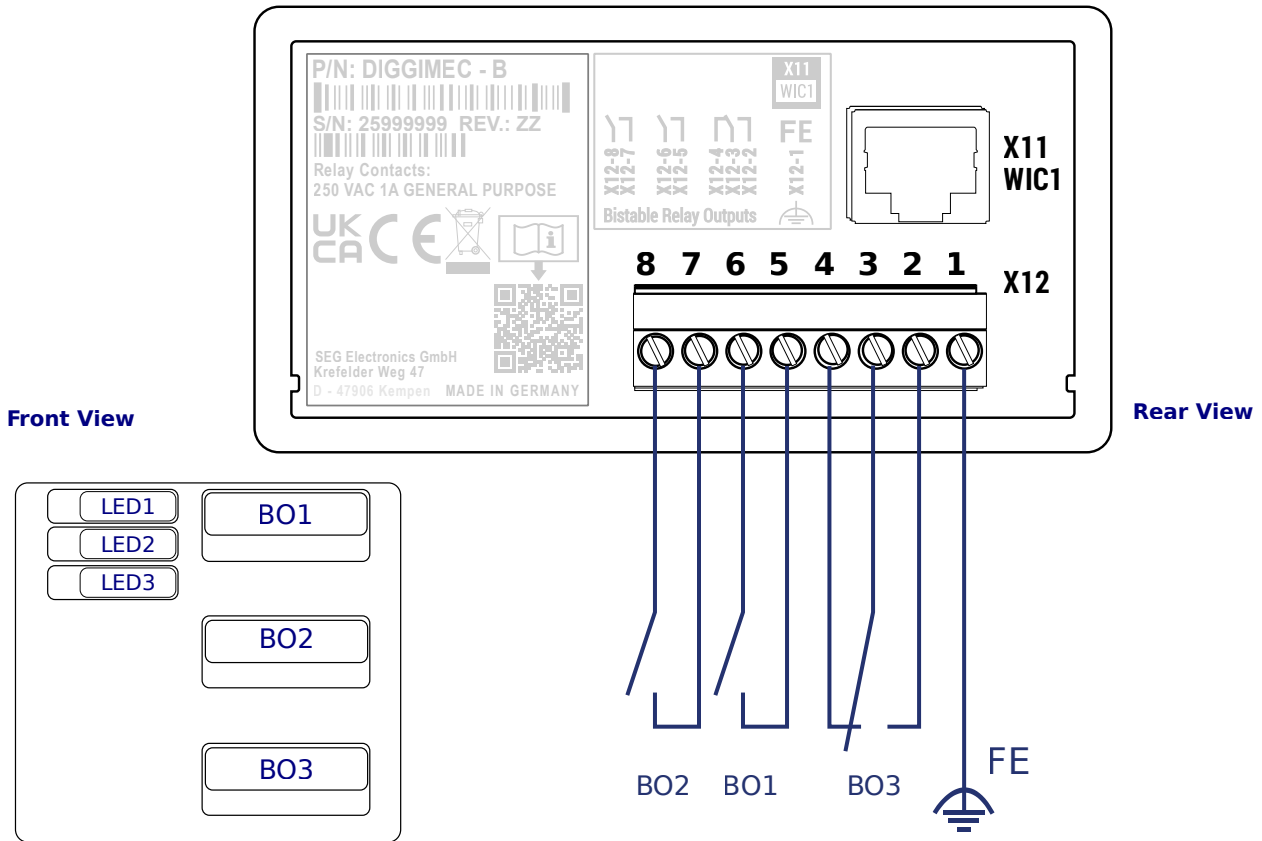
DiggiMEC-A



Nano-HMI with Flag Indicators

- Door mounting
- X11** – DiggiMEC-WIC1 connection. Use network cable CAT3 (or better). No crossover cable!
- X12** – 1 flag indicator / bi-stable relay (NO / Form A)

DiggiMEC-B



Nano-HMI with Flag Indicators

- Door mounting
- X11** - DiggiMEC-WIC1 connection. Use network cable CAT3 (or better). No crossover cable!
- X12** - 3 flag indicators / bi-stable relays (1 Changeover / Form C, 2 NO / Form A)

Appendix – Legend

In this legend designations of various device types are listed, e.g. transformer protection, motor protection, generator protection, etc. Therefore it can occur that not every designation actually appears on the wiring diagram of your device.

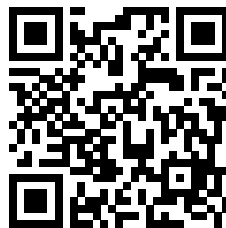
| | |
|-----------------------------|---|
| PE | – Connection of protective earth (see chapter Grounding in the Technical Manual). |
| FE | – Connection of functional earth (see chapter Grounding in the Technical Manual). |
| Power Supply | – Connection for auxiliary power supply. |
| IL1 | – Phase current input L1 (in some countries designated as IA). |
| IL2 | – Phase current input L2 (in some countries designated as IB). |
| IL3 | – Phase current input L3 (in some countries designated as IC). |
| ILx C–D | – WIC1 Test windings. |
| ILx 1S1–1S2, 2S1–2S2 | – WIC1 phase current inputs. |
| IL1 W1 ... IL3 W1 | – Phase current input L1...L3, winding side 1. |
| IL1 W2 ... IL3 W2 | – Phase current input L1...L3, winding side 2. |
| IG | – Ground (earth) current input. |
| IG W1, IG W2 | – Ground (earth) current input, winding side 1 / 2. |
| VL1 | – Phase-to-neutral voltage L1 (in some countries designated as VA). |
| VL2 | – Phase-to-neutral voltage L2 (in some countries designated as VB). |
| VL3 | – Phase-to-neutral voltage L3 (in some countries designated as VC). |
| VL12 | – Phase-to-phase voltage V12 (in some countries designated as VAB). |
| VL23 | – Phase-to-phase voltage V23 (in some countries designated as VBC). |
| VL31 | – Phase-to-phase voltage V31 (in some countries designated as VCA). |
| VX | – 4th voltage measuring input for measuring residual voltage or synchro-check. |
| BO | – Binary output relay. |
| NO / NC | – Contact output, normally open (Form A) / closed (Form B). |
| DI | – Digital input. |
| COM | – Common connection of digital inputs. |
| Out+, AnOut | – Analog output + (0/4...20 mA or 0...10 V). |
| In–, AnIn | – Analog input + (0/4...20 mA or 0...10 V). |
| n.c. | – Not connected. |
| DO NOT USE | – Do not use. (Caution: Non-usable internal wiring may exist.) |
| SC | – Self-supervision contact. |
| HF SHIELD | – Connection cable shield. |
| Fiber Optics / LWL | – Fiber optic connection. |

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docs.SEGelectronics.de/wic1



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SEG Electronics GmbH
Krefelder Weg 47 • D-47906 Kempen (Germany)
Telephone: +49 (0) 21 52 145 1
Internet: www.SEGelectronics.de

Sales

Telephone: +49 (0) 21 52 145 331
Fax: +49 (0) 21 52 145 354
E-mail: sales@SEGelectronics.de

Service

Telephone: +49 (0) 21 52 145 600
Fax: +49 (0) 21 52 145 354
E-mail: support@SEGelectronics.de

Complete address / phone / fax / email information for all locations is available on our website.