

### STANDARD MODELS

| Model        | Part Number | Frequency Range | Output Power<br>$P_N$ min<br>dBm | Gain<br>min / typ<br>dB | Noise Figure<br>dB | Dimensions<br>(L, W, H)<br>mm | Weight<br>kg |
|--------------|-------------|-----------------|----------------------------------|-------------------------|--------------------|-------------------------------|--------------|
| BLMA 2640-3F | 10006913    | 26.5 ... 40 GHz | +8                               | 30 / 33 ±3              | 3                  | 161 / 93 / 65                 | 1            |



Dimensions without connectors  
Technical drawing(s) on next page(s)

### STANDARD SPECIFICATIONS

|                     |                                    |
|---------------------|------------------------------------|
| Input Impedance:    | 50 Ohm nominal                     |
| Output Impedance:   | 50 Ohm nominal                     |
| Load VSWR:          | <2.5:1 typ.                        |
| Spurious:           | -60 dBc min. (excluding harmonics) |
| Harmonics:          | -20 dBc                            |
| Class of Operation: | A-linear                           |

### GENERAL

|                      |                                |               |
|----------------------|--------------------------------|---------------|
| RF Input:            | <18 GHz                        | precision N-m |
|                      | >18 GHz                        | horn antenna  |
| RF Output:           | <18 GHz                        | precision N-f |
|                      | >18 GHz                        | 2.92 mm-f     |
| Mains Supply:        | 210 ... 240 V AC, 47 ... 63 Hz |               |
| Power Consumption:   | <10 W                          |               |
| Conformity:          | CE (EN 55022, CISPR 22)        |               |
| Ambient Temperature: | 0 ... +45 °C                   |               |
| Storage Temperature: | -25 ... 85 °C                  |               |
| Relative Humidity:   | up to 95% (non-condensing)     |               |
| Operating Altitude:  | up to 2000 m above sea level   |               |
| Vibration and Shock: | MIL-STD-810 G                  |               |

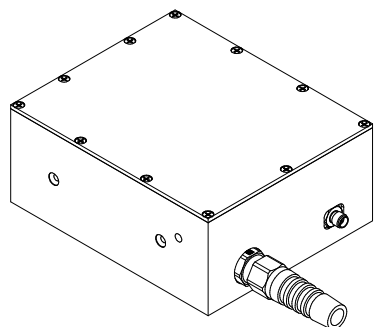
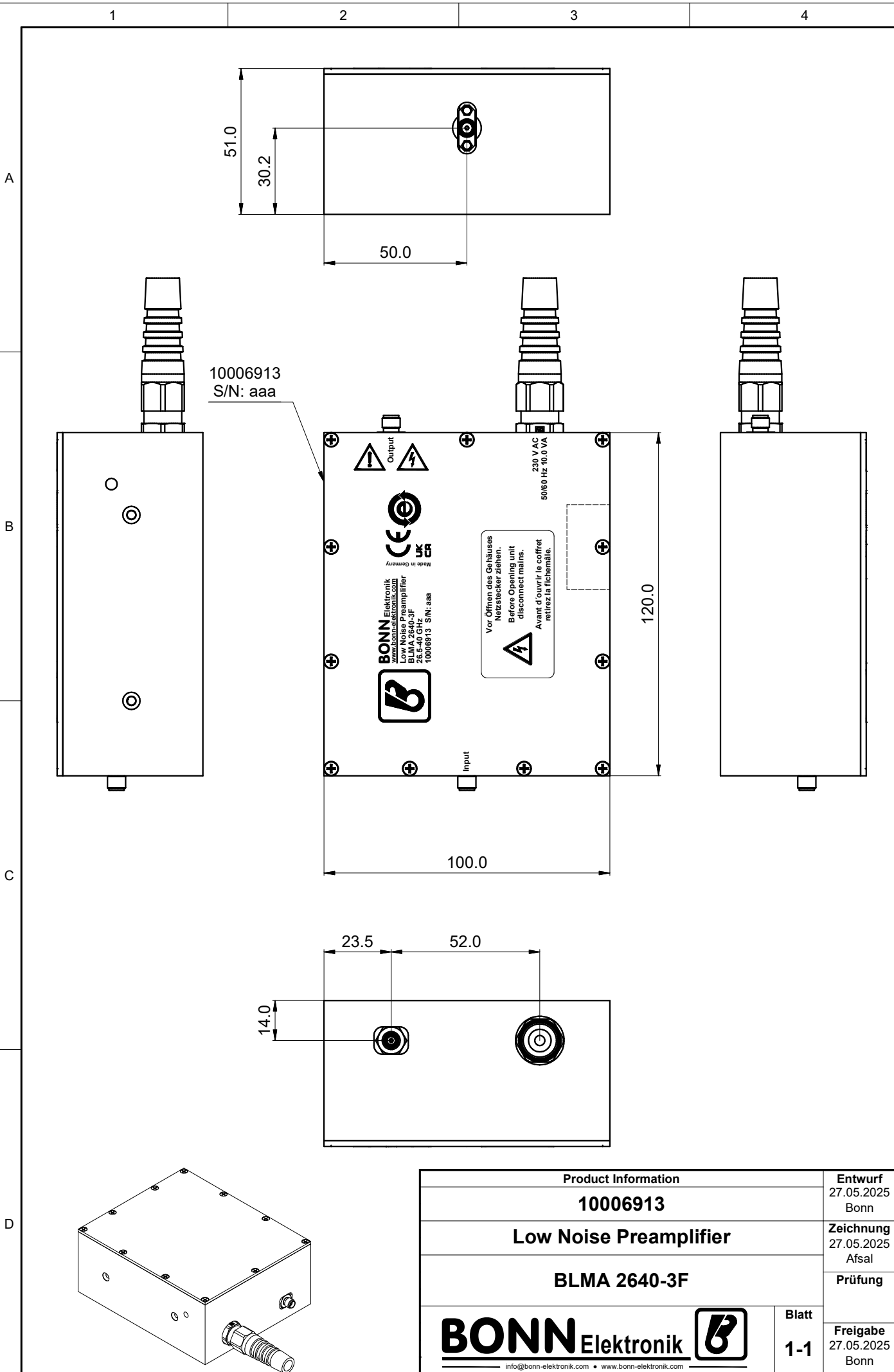
### REMARKS


|                          |  |
|--------------------------|--|
| -1A: CISPR, FCC, MIL, EN | for civil applications                       |
| -A: CISPR, FCC, MIL, EN  | for basic laboratory measurements (economic) |
| -M: MIL-461, MIL-285     | for MIL-compliant measurements               |

K) Battery Powered

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|--|--|---|
| <b>Product Information</b>   |  | <b>Entwurf</b><br>27.05.2025<br>Bonn    |
| <b>10006913</b>  |  | <b>Zeichnung</b><br>27.05.2025<br>Afsal |
| <b>Low Noise Preamp</b>  |  | <b>Prüfung</b>                          |
| <b>BLMA 2640-3F</b>  |  | <b>Freigabe</b><br>27.05.2025<br>Bonn   |
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