

The logo for FRIWO, consisting of the word "FRIWO" in a bold, blue, sans-serif font with a registered trademark symbol (®) to its upper right, set against a yellow square background.

your solution – our innovation

*Energy
for life*



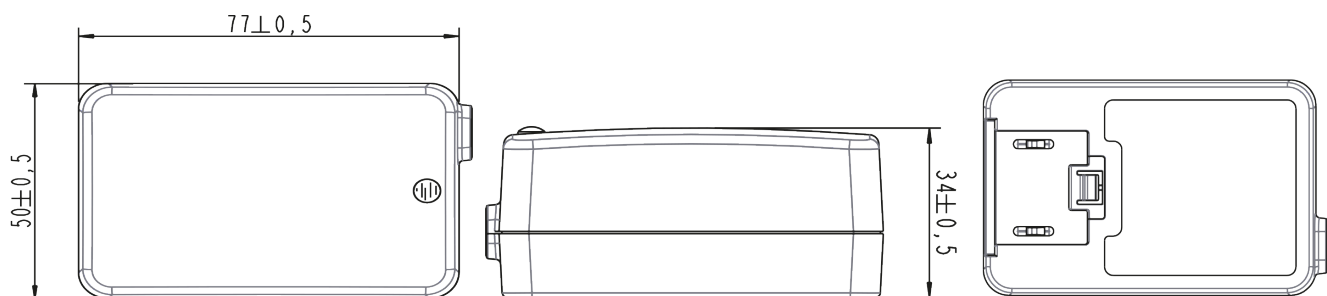
FOX 18 Medical

- IEC 60601-1 approved
Zulassung nach IEC 60601-1
- $\leq 10\mu\text{A}$ leakage current
 $\leq 10\mu\text{A}$ Ableitstrom
- Protection class 2xMOPP
Schutzart 2xMOPP
- DOE 2016 ready
Übertrifft die Anforderungen gemäß DOE 2016
- IP42 approved exchangeable plug system as additional accessories
IP42 geprüftes Wechseladaptersystem als optionales Zubehör
- Double Safety: Housing snapped & welded
Doppelte Sicherheit: Gehäuse geschnappt und verschweisst



Technische Daten / Technical Data: FOX 18 Medical

| Artikelnr. / Part-No. : | 1898133 | 1898134 | 1898135 | 1898136 | 1898137 | 1898138 | 1898139 | 1898140 | 1898141 |
|--|--|---------|---------|---------|---------|---------|---------|---------|---------|
| Ausgang/Output | | | | | | | | | |
| Spannung/Voltage (V) | 5 | 5,9 | 7,5 | 9 | 12 | 15 | 18 | 24 | 48 |
| Strom/ Current (mA) | 3000 | 3000 | 2400 | 2000 | 1500 | 1200 | 1000 | 750 | 375 |
| Maximal Leistung/ Rated Power (max) | 15 | 17,7 | 18 | 18 | 18 | 18 | 18 | 18 | 18 |
| Brummspannung/ Ripple voltage (mVpp) | ≤120 | ≤120 | ≤120 | ≤120 | ≤120 | ≤120 | ≤120 | ≤120 | ≤120 |
| Toleranz der Ausgangsspannung /Output voltage tolerance | ± 5% | ± 5% | ± 5% | ± 5% | ± 5% | ± 5% | ± 5% | ± 5% | ± 5% |
| Einschaltzeit/Start-Up-Time | ≤1s | ≤1s | ≤1s | ≤1s | ≤1s | ≤1s | ≤1s | ≤1s | ≤1s |
| Wirkungsgrad/ Efficiency (average) | 82,49% | 82,39% | 85% | 85% | 85,73% | 85,73% | 85% | 85% | 85% |
| Leerlaufverluste/ Stand-by Losses | ≤ 0,1W | ≤ 0,1W | ≤ 0,1W | ≤ 0,1W | ≤ 0,1W | ≤ 0,1W | ≤ 0,1W | ≤ 0,1W | ≤ 0,1W |
| Eingang/Input | | | | | | | | | |
| Eingangsspannung/Input voltage | 100-240V AC ±10% | | | | | | | | |
| Frequenz/Frequency | 50 - 60Hz | | | | | | | | |
| Einschaltstrom/Input current | 400-200mA | | | | | | | | |
| Ableitstrom/Leakage Current | ≤10µA | | | | | | | | |
| Absicherung/Protection | | | | | | | | | |
| Überlastsicherung/ Overload protection | Ja/Yes | | | | | | | | |
| Überspannung/ Over Voltage Protection | Ja/Yes | | | | | | | | |
| Kurzschlußschutz/ Short Ciruit protection | Ja/Yes | | | | | | | | |
| Umgebungsbedingungen/Operating conditions | | | | | | | | | |
| Betriebstemperatur/ Operating temperature | 0 bis 50°C bei Maximallast / 0 to 50°C at maximum load | | | | | | | | |
| Luftfeuchtigkeit/Humidity | 10% bis 95% nicht kondensierend / 10% to 95% non condensing | | | | | | | | |
| Lagertemperatur/Storage temperature | -40 bis +70°C / -40 to +70°C | | | | | | | | |
| Betriebshöhe/Operating Altitude | 3.000 m | | | | | | | | |
| Sicherheit&EMV/Safety&EMC | | | | | | | | | |
| Medizinische Schutzart/ Means of Protection | 2xMOPP | | | | | | | | |
| Normen/Standards | IEC60601-1 | | | | | | | | |
| Zulassungen/Approbations | Europe*, USA*, Australien*, Japan* | | | | | | | | |
| Schutzklasse/Protection Class | II | | | | | | | | |
| EMV/EMC | EN55022, EN55024, EN60601-1-2 | | | | | | | | |
| Weiteres/Others | | | | | | | | | |
| MTBF/MTBF calculation | 200,000hrs (MIL-HDBK-217@25°) | | | | | | | | |
| Abmessungen/Dimension | 77x50x34mm | | | | | | | | |
| Steckverbinder AC-Eingang/ AC Input Connector | FRIWO austauschbares Netzsteckersystem: EURO, UK, USA/Japan, IEC / FRIWO exchangeable mains plug system: EURO, UK, USA/Japan, IEC | | | | | | | | |
| DC-Ausgang/DC-Output: | Universalausgangssteckersystem / Universal output plug system | | | | | | | | |
| Gehäusetyp/Housing-ty: | FOX 18 | | | | | | | | |
| Material | PC-ABS | | | | | | | | |
| Länge/length: | 1830 mm | | | | | | | | |



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* Geplanter Abschluss der Zulassungen: 03/2016
* Expected granting of approvals: 03/2016

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