



Wenzhou Safewire Electric Co.,Ltd.

No.152 Xingguang Road, Xingguang industry zone, Liushi town, Yueqing, Wenzhou, China, 325604

Tel:0086-577-62799688; Email:info@safewirele.com;

www.safewirele.com

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SPECIFICATION SHEET

PRODUCT NAME: USB charger

PRODUCT No. : F1030



ADD: 152 xinguang industrial zone, yueqing city, zhejiang province

(TEL) :0086-577-62799688

(E-mail) : info@safewirele.com

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USB Characteristic:

| Serial No. | Parameter | Description |
|------------|-----------------------------|------------------------|
| 1 | Panel Material | PC 94-V0 |
| 2 | Inside material | Tin phosphorous bronze |
| 3 | Surface finish | Glossy |
| 4 | USB DC output | 2.1A/5V |
| 5 | Output voltage tolerance | ±5% |
| 6 | Output power | Max.10.5W |
| 7 | Service life in hours | 3000h 10.5W |
| 8 | Efficiency | 78% |
| 9 | No-load power consumption | Max 30W |
| 10 | Input voltage | 100~240v/AC 50~60Hz |
| 11 | Color | White RAL9003 Black |
| 12 | Number of terminals | 2 screw terminals |
| 13 | Electrical insulation class | Class II |
| 14 | IK degree of protection | IK04 |
| 15 | IP degree of protection | IP21 |
| 16 | Dimension of product | 45*45mm |

Environmental requirements

| Serial No. | Parameter | Description |
|------------|------------------------|---------------------|
| 1 | Operating temperature | -10℃~+40℃;Operating |
| 2 | humidity | 20%~90% RH |
| 3 | Storage temperature | -20℃~+85℃;storage |
| 4 | humidity | 10%~95% RH |
| 5 | Resistance to pressure | ≥3Kv/AC 1min |
| 6 | Isolation resistance | 500v DC/100MΩ |

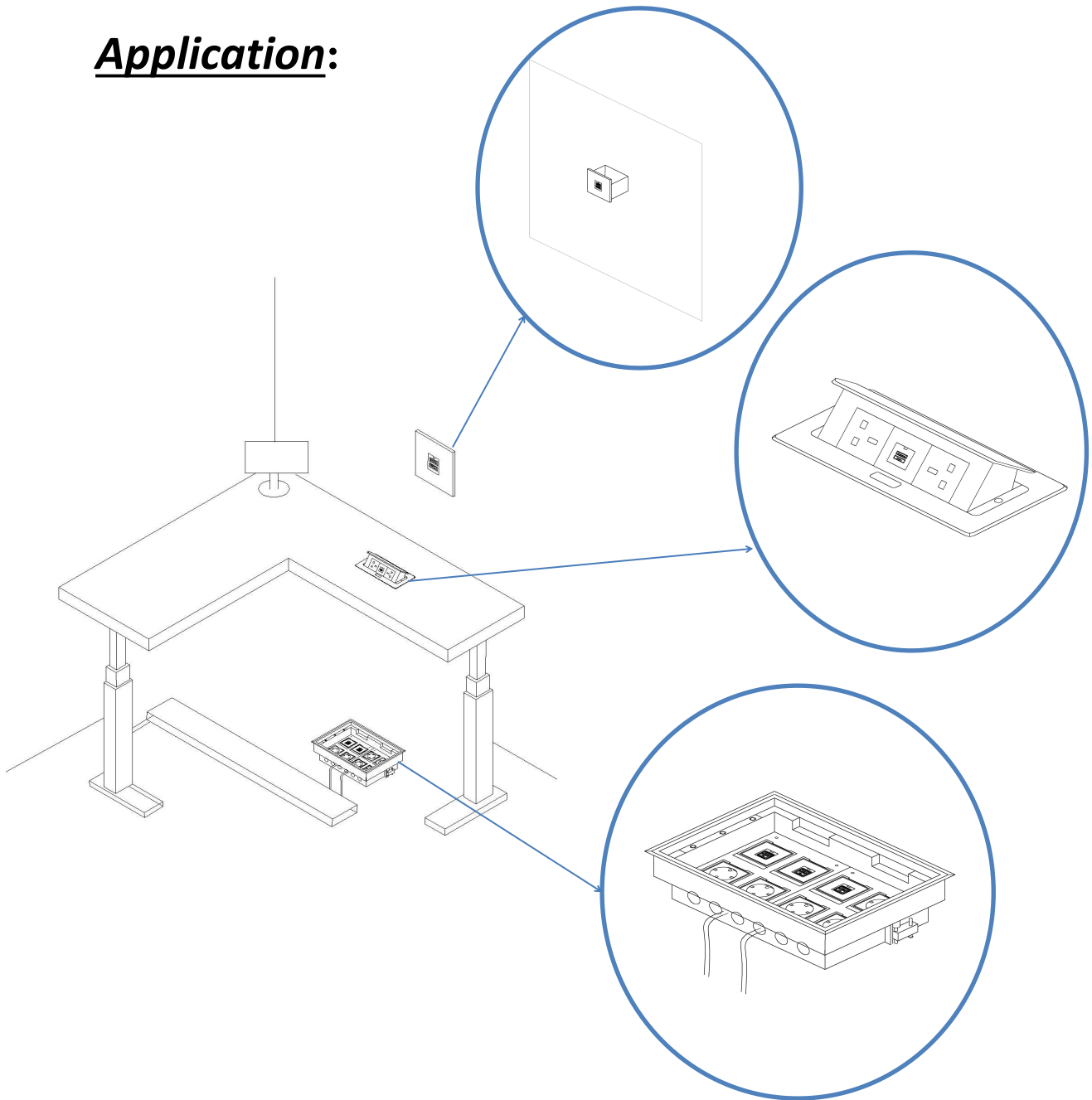


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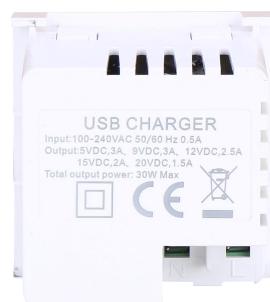
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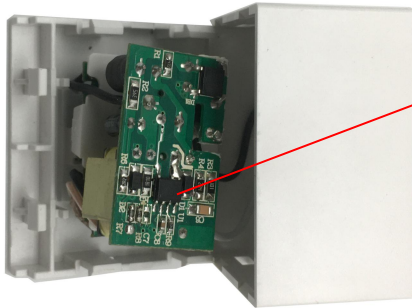
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Application:



Feature :



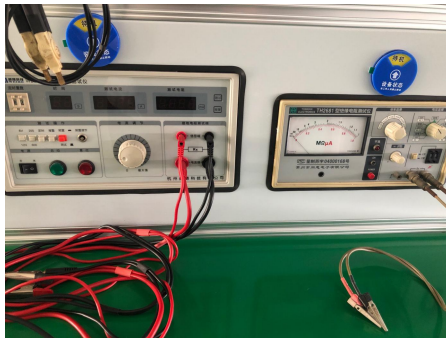


Identificati
on of the

1.5...2.5mm² for stranded cable (s)

1.5...2.5mm² for flexible cable (s)

1.5...2.5mm² for rigid cable (s)



insulation resistance tester



dielectric strength tester



Current tester

- 1).Dual port USB charger of 2.1A 5VDC;
- 2). Protection type: Short time short-circuit protection;
- 3).With identifying chip: can automatically recognize different mobiles and suit its request charging AMP to meet the charging speed;
- 4) Product be certificated by CE,IEC60950 FOR LVD and IEC55024,IEC61000 for EMC;
- 5). All materials be ROHS directive tested



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| Testing Item | Testing Standard | Testing Data |
|----------------------------|--|--|
| Aging test | USB charger for 2 hours with LED lights must always light | 2 hours |
| | High and low pressure 90V-264V to normal operation | 90V-264V normal |
| Power test | Rated output voltage range: no-load: $5V \pm 5\%$, load: $5V \pm 5\%$ | No-load: 4.92-4.95V, load: 5.04-5.1 |
| | Rated output current | 5.0V |
| | Output ripple: load 1A/2.1A, $V_{pp} < 200mV$ | 117mV-146mV |
| | Short circuit protection: output positive and negative short for 2 minutes, after the break to work properly | 2 minutes |
| | Pin output voltage: D-: 2.75VDC/D+:2VDC, subject to actual test value | D-:2.77V/D+:2.763V |
| Pressure test | Under normal climatic conditions, the input and output terminals should withstand the corresponding voltage(USB-10, 101 series for the 1500V, the other is more than 3000V), Generally every test a minute without breakdown flashing phenomenon was qualified, and leakage $\leq 5mA$. | 3000V 0.68mA-0.69mA |
| Insulation resistance test | In the normal temperature environment, AC input plug and DC input plug between the input DC500V, 1 minute after the insulation resistance of 7 trillion or more | ∞ |
| Grounding resistance | In any case the resistance shall not exceed 100m Ω | |
| Temperature rise test | At room temperature 30 $^{\circ}C$ rated work, the charger rated for 2 h after the measurement of its shell surface temperature change $< 1^{\circ}C/h$ that the temperature is stable, this time measuring the surface temperature of its shell $< 50^{\circ}C$ | Pass |
| Limit load | Test the product load current limit can run the load value | pass |

Package:10 Pcs inner box into a master carton.Poly bag with box packing.

SafeWire

Package solution



| | | |
|---|---|--|
| C E R T I F I C A T E of Conformity EC Council Directive 2014/30/EU Electromagnetic Compatibility | |  TÜVRheinland® |
| Registration No.: AE 50442290 0001 | | |
| Report No.: 50273645 001 | | |
| Holder: | Zhejiang New-epoch Communication Industry Co., Ltd. Develop Road, Wengyang Industry Zone, Yueqing, Zhejiang 325606 P. R. China | |
| Product: | <u>Power Supply</u> (USB Module) | |
| Identification: | Type Designation: XJY-USB-27-I-A/A XJY-USB-27-A/A XJY-USB-27-I-A/C XJY-USB-27-A/C XJY-USB-26-A/A XJY-USB-26-A/C Serial No.: n.a. Remark: Refer to test report 50273645 001 for details. | |
| Tested acc. to: | EN 55032:2015 EN 55024:2010+A1 EN 61000-3-2:2014 EN 61000-3-3:2013 | |
| <p>This certificate of conformity is based on an evaluation of a sample of the above mentioned product. Technical Report and documentation are at the Licence Holder's disposal. This is to certify that the tested sample is in conformity with all provisions of Annex I of Council Directive 2014/30/EU. This certificate does not imply assessment of the production of the product and does not permit the use of a TÜV Rheinland mark of conformity. The holder of the certificate is authorized to use this certificate in connection with the EC declaration of conformity according to the a.m. Directive.</p> | | |
| Date 22.08.2019 |  James James James | |
| TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg | | |
| CE The CE marking may only be used if all relevant and effective EC Directives are complied with. CE | | |



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F1020 Outline drawing:



4.Safety Warning:

1. For indoor use only.
- 2.This product must be installed/wired by a qualified electrician.

5.Attentions:

- 1.Protect children from touch skirt of USB port.
- 2.Ensure current and voltage as rating current/voltage .Do not overload
3. Prevent from corrosive liquid, gas (strong acid, strong alkali, paint)and humidity.