SPLIT CORE CURRENT TRANSFORMER
QUICK INSTALLATION GUIDE
v1.0

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ELECTROMAGNETIC COMPATIBILITY
In proper state and when operated properly, the product complies with all the requirements in respect of interference radiation according to EN 301 489-17, EN 301 489-1 and EN 300 328. The connections conducting HF signals must neither be manipulated according to EN 301 489-17, EN 301 489-1 and EN 300 328. The connections conducting HF signals must neither be manipulated according to EN 301 489-17, EN 301 489-1 and EN 300 328.

TAKE CARE OF YOUR SAFETY
Display extreme caution when using ladders or steps, please follow manufacturer’s instructions. Be careful when using hand and power tools and follow the manufacturer’s guidelines when using them. Take care that the correct tools are used. Wear goggles or protective clothing where required.

DANGER
RISK OF ELECTROCUTION
All work on the device should only be carried out by trained and skilled electricians. Observe the country-specific regulations.

CAUTION
The connected devices and the flush-mounted receiver can become damaged if devices are operated that do not correspond to the technical specifications (see technical data).

DANGER
RISK OF FATAL INJURY FROM ELECTRIC CURRENT.
The device has no basic insulation and must therefore be installed in a way that protects against accidental contact.

DANGER
RISK OF FATAL INJURY FROM ELECTRIC CURRENT.
Disconnect the power supply before making electrical connections.

Contact with components carrying hazardous voltage can cause electric shock and may result in severe personal injury or death.

Do not touch the relay while power is applied to the relay. The relay surface is hot during use, and may cause a serious burn upon contact.

INTRODUCTION
The split-core current transformer (ampclamp35) is used for energy efficiency monitoring and automation applications. This includes sub-metering cost allocation, dynamic energy consumption and peak load analysis. Split-core current transformer is simple to use, compact split-core design which is easily installed for metering applications. This is ideal for distributed measurement systems and can be retrofitted into existing installations and non-interchangeable equipment as there is no requirement for disconnection and reconnection of wiring.

UNPACKING
1x Split Core Current Transformer

FEATURES
- APPLICATIONS
- Energy sub-meter
- Power meters
- Power quality monitoring
- HVAC&Pumps, etc
- Distributed measurement system

- BENEFITS
- Energy sub-meter
- Power meters
- Power quality monitoring
- HVAC&Pumps, etc
- Distributed measurement system

- FEATURES
- Nylon-spring, output-terminal, secure locking hinge, one-touch structure make easy to install to the existent equipments such as a power distribution boards
- Isolated plastic case recognized according to UL94-VO
- UL / EN61010 - 1 certified
- Bipolar Directional Zener Diode

APPLICATIONS
- Energy sub-meter
- Power meters
- Power quality monitoring
- HVAC&Pumps, etc

DANGER
If you impact the core contact surface, internal core material could be damaged.

Please use only the original output screws. Not recommended to replace with anything else.

Customizing out put lead wire.

SPECIFICATIONS

MODEL: JC16F (Ø16)

CURRENT RATIO: 125A/40MA
CURRENT RANGE: 0.01-120A (RL=10Ω)
MAX CONTINUOUS CURRENT: 120A
NONLINEARITY ERROR: ±1.8%
TURN RATIO: 300:
DCR: 280±20Ω
PROTECTION: 7.5kV P
INSULATION CATEGORY: CAT II
OPERATING CONDITION: -20°C~+50°C, 485/URH, NO CONDENSATION, IN-HOUSE AND ANY DIRECTION INSTALLABLE

INSTALLATION

CONTRACTOR
Current monitoring
GND
N
L
LOAD
POWER

STORAGE CONDITION
-30°C~+10°C, 485/URH, NO CONDENSATION

DIMENSION
55 x 29.5 x 31 mm
WEIGHT
18g

dimensions (mm)

model | A | B | C | D | E | Ød
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<tbody>
<tr>
<td>JC16F</td>
<td>55</td>
<td>41</td>
<td>29.5</td>
<td>31</td>
<td>19</td>
<td>16</td>
</tr>
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</table>

WEIGHT
18 g

DIMENSIONS
55 x 29.5 x 31 mm

Cleaning

Use a dry cloth to clean this product. Do not use harsh chemicals, cleaning solvents or strong detergents.

REPAIRING
Do not attempt to repair this product. There are no user-serviceable parts inside.

WATER-RESISTANCE
This product is not water-resistant. Keep it dry.
Moisture will corrode the inner electronics.

CLEANING
Use a dry cloth to clean this product. Do not use harsh chemicals, cleaning solvents or strong detergents.

INSTALLING THE SPLIT CORE CURRENT TRANSFORMER

2. Disconnect power supply on the appliance/cable on which you want to put Split Core Current Transformer.
3. Put the Split Core Current Transformer only around the Phase/Load wire.

www.zipato.com
LIMITED PRODUCT WARRANTY

GENERAL TERMS
Nothing in this Limited Product Warranty affects your statutory rights as a consumer.

The Limited Product Warranty set forth below is given by Tri plus grupa d.o.o. [Europe] (herein referred to as “ZIPATO”). This Limited Product Warranty is only effective upon presentation of the proof of purchase. Upon further request by ZIPATO, this warranty card has to be presented, too.

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However, nothing in this Agreement limits ZIPATO’s liability to you in (i) the event of death or personal injury, in connection with the extent resulting from ZIPATO’s negligence, or (ii) to the extent resulting from any fraudulent misrepresentation on the part of ZIPATO, or (iii) to the extent arising under Part 1 of the Consumer Protection Act 1987 of the United Kingdom. Some states or countries do not allow (1) a disclaimer of implied warranties; (2) a limitation on how long an implied warranty lasts or the exclusion; or (3) limitation of incidental or consequential damages for consumers in such states or countries. Some exclusions or limitations of this Limited Warranty may not apply to you. This Limited Warranty gives you specific legal rights. You may also have other rights that may vary from state to state or from country to country. You are advised to consult applicable state or country laws for a full determination of your rights.

This Limited Product Warranty applies to ZIPATO branded hardware products (collectively referred to as “ZIPATO Hardware Product”) sold by ZIPATO (Europe), its authorized resellers, or country distributors (collectively referred to as “ZIPATO Resellers”) with this Limited Product Warranty.

The term “ZIPATO Hardware Product” is limited to the hardware components and all its internal components including firmware. The term “ZIPATO Hardware Product” DOES NOT include any software applications or programs.

The Manufacturer shall have the right to make changes in the hardware or software products (collectively referred to as “Product”) without obligation to notify owners of any such changes. The content of “Product Type” listed above is subject to change; please refer to the www.zipato.com for latest update.

LIMITED PRODUCT WARRANTY PERIOD
The Limited Product Warranty Period starts on the date of purchase from ZIPATO. Your dated sales or delivery receipt, showing the date of purchase of the product, is your proof of the purchase. You must be required to provide proof of purchase as a condition of receiving warranty service. You are entitled to warranty service according to the terms and conditions of this document. ZIPATO warrants that the ZIPATO Hardware Product is required within the Limited Product Warranty Period.

Other than in respect of products for domestic use (in particular those listed in the first and last boxs in the table below), this Limited Product Warranty extends only to the original end user purchaser of this ZIPATO Hardware Product and is not transferable to anyone who obtains ownership of the ZIPATO Hardware Product from the original end-user purchaser.

PRODUCT WARRANTY PERIOD TABLE

<table>
<thead>
<tr>
<th>PRODUCT TYPE</th>
<th>WARRANTY PERIOD</th>
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<tbody>
<tr>
<td>Split Core Current Transformer</td>
<td>1 (one) year</td>
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</table>

PRODUCT WARRANTY PERIOD TABLE

IMPORTANT
The content of “Product Type” listed above is subject to change; please refer to the www.zipato.com for latest update.

PERFORMANCE OF THE LIMITED PRODUCT WARRANTY
If a product defect occurs, the Manufacturer’s sole obligation shall be to repair or replace any defective ZIPATO Hardware Product free of charge provided it is returned to an Authorized ZIPATO Service Centre during the Limited Warranty Period. Such repair or replacement will be rendered by ZIPATO at an Authorized ZIPATO Service Centre. All component parts or hardware products that are replaced under this Limited Product Warranty become the property of ZIPATO. The replacement part or product takes on the remaining Limited Warranty Period of the replaced part or product. The replacement part need not be of an identical model or part; ZIPATO may in its discretion replace the defective product (or any part thereof) with any reconditioned equivalent (or superior) product in all material respects to the defective product.

WARRANTOR
Tri plus grupa d.o.o.
Banjačeva 11 10 000 Zadar CROATIA
TEL +385 (0) 41 404 404
FAX +385 (0) 41 404 405

DECLARATION OF CONFORMITY

In accordance with the following Directive(s): EMC Directive (2004/108/EC), Low Voltage Directive (2006/95/EC) is in conformity with the e-applicable requirements of the following documents:

UL / EN 61010 - 1 EN 304 189-17
UL 49-V0 EN 301 489-3

I hereby declare that the equipment named above has been designed to comply with the relevant sections of the above referenced standards. The unit complies with all applicable Essential Requirements of the Directives.

Person responsible for this declaration:
Daniele Janciak, Certification Manager
22.02.2015

Changes or modifications not expressly approved by Tri plus grupa d.o.o. for compliance with this user’s authority to operate the equipment.

TC

THIS DEVICE COMPLIES WITH PART 15 OF THE FCC RULES. Operation is subject to the following two conditions: 1 this device may not cause harmful interference, and 2 this device must accept any interference received, including interference that may cause undesired operation.

Le présent appareil est conforme aux CNR d’Industrie Canada applicables aux appareils radio exempts de licence. L’exploitation est autorisée aux deux conditions suivantes : 1 l’appareil ne doit pas produire de brouillage, et 2 l’utilisateur de l’appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d’en compromettre l’exploitation.

NOTE: Changes or modifications not expressly approved by Zipato for compliance could void the user’s authority to operate this equipment. This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Rearrange or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

DISPOSING AND RECYCLING YOUR PRODUCT

This symbol on the product or packaging means that according to local laws and regulations needs to be disposed of separately from household waste and sent to recycling because it contains electronic components. Once this product has reached the end of its life, please take it to a collection point (recycle facilitator) designated by your local authorities, some will accept your product for free or simply drop it off at your Zipato re-seller store. By recycling the product and its packaging in this manner you help to conserve the environment and protect human health. At Zipato, we understand and are committed to reducing any impact our operations and products may have on the environment. To minimize this impact Zipato designs and builds its products to be as environmentally friendly as possible, by using recyclable, low toxic materials in both products and packaging.

TECHNICAL SUPPORT

Having trouble installing your new product?
Zipato’s website contains the latest user documentation and software updates for Zipato products and services.

www.zipato.com

CONTACT SUPPORT
E-MAIL: support@zipato.com
(Mon- Fri) 9.00am-05.00pm [CET]

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