RELIABLE POWER SUPPLY FOR SERVER ROOMS
1897 - Ferdinand Walther founds WALTHER-WERKE. Since this time, the world has changed dramatically. After the second and third industrial revolutions, we are now entering the fourth: Industry 4.0. In the world of work and in our everyday lives, far-reaching changes are on the way. During such dynamic times, reliable partners are needed who are working now to prepare for the future.

WALTHER-WERKE have over hundred and twenty years of experience and are the experts in low voltage distribution. Since it was first founded, the company has proven its excellence time and time again at providing products and solutions for present-day and future needs. Adaptation and innovation are therefore part of WALTHER’S DNA. So it is no coincidence that key innovations, such as the construction site power distributor in the 1940s and the CEE type plug connector in the 1960s were inventions by WALTHER-WERKE.
Today, the Group as a whole employs more than 400 people in the development, production and marketing of CEE type plug and socket connections, plug and socket combinations, industrial plug connectors, electromobility charging infrastructure, power distributors, and transformer stations.

As a company with a global presence, WALTHER-WERKE is represented with its products and services on all of the world’s core markets. In addition to more than 60 independent sales partners, the WALTHER Group has fully-owned subsidiaries in the USA, the UK, France, and Austria. These are primarily represented on the markets with sales and in some cases production activities, with the aim of providing our customers and partners with the best possible service.
WALther-Werke have traditionally had a high degree of vertical integration when it comes to production. This means that virtually all of the key products are manufactured at German production sites. This allows us to guarantee our customers maximum flexibility, quality and most importantly technological expertise. WALther can handle every kind of customer request. From the creation of product and functional requirements in consultation with our customers and the development, design and creation of tools to products validated by our own, in-house testing laboratory: All from a single source. Components that we do not make ourselves are obtained exclusively from renowned, high-quality manufacturers with whom we have long-standing partnerships. After all, these components end up in a WALther product – and so we bear the responsibility for our customers' satisfaction.

But we don't just work under our own roof. WALther-Werke's tradition also includes assuming an honorary role when working and taking responsibility with associations, as well as national and international standardization committees. This means we are able to contribute our extensive product and system expertise to the standardization process and also to ensure the advice we give to our customers always reflects the most up-to-date information.
Integrated management systems ensure customer-focused processes
To raise our quality management to the highest possible level, we extended our ISO 9001 certification in 2013 to the international automotive standard ISO/TS 16949 – one of the most challenging certification standards. We use this standard not just for our automotive products, but also to all of WAL THER-WERKE’s product areas. That’s because we are convinced that only consistent quality management will bring long-term success.

Our production has established a lean management system, the ‘WAL THER-WERKE production system (PS)’, declaring war on loss and waste.

Today we have a modern and regionally referenced production system which, through consistent shop floor management, represents all of the relevant performance indicators in a cascaded manner and optimizes them continuously through problem-solving methods in combination with a broad-based lean methods toolkit (SMED, One Piece Flow, Kanban, TPM, value stream design etc.) to benefit our customers. Skilled CIP teams work daily to improve our processes and integrate ideas from all employees regarding the best solutions. Lean management, and therefore ongoing continuous improvement (CIP), has therefore matured into part of the corporate culture nowadays at WAL THER.
Our slogan, “Your best connection” should be regarded not just as the overriding principle for the best connection technology, but also in particular counts as an incentive and inspiration in our interactions with customers to guarantee a reliable and trusting “connection” at all times. It is only through close communication with our customers that tailor-made solutions even become possible. A dense global sales network, comprising four of our own subsidiaries and 60 international branches across all continents highlights our ambition to satisfy our customers’ wishes through expertise and closeness to the market. We are not interested in short-term successes, preferring instead partnerships of many years’ continuous standing that play a vital role in our customers’ strategic focus and which therefore represent an essential element of their added value process.

SALES: GLOBAL PRESENCE FOR MAXIMUM CLOSENESS TO THE CUSTOMER
We regard ourselves as the ideal partner to the electrical trade and as a systems supplier to the industry and construction sector. To ensure the availability of our products at all times, we also use the logistical opportunities made available to us by our electrical wholesale partners. The satisfaction of our customers lies at the heart of everything we do. Worldwide, with high-quality products and flawless service worthy of the label “Made in Germany”.
We offer comprehensive solutions for power distribution from medium voltage upwards and bring these to the consumer. Whether it be construction cranes, electric cars, industrial systems or camper vans – with static and mobile transformer stations and switchgear, we transform or switch low voltage to a maximum of 400 V. The decentral distribution then takes place via a broad selection of very different primary, sub and terminal distributors for all kinds of temporary or static applications. The great thing about it is that the power distribution is scalable and can be expanded at any time to reflect the real energy demand.

The “handover point” to consumers takes the form of CEE type plug and socket connections, industrial plug connectors and charging connections for electromobility. These are “Made by WALTHER”. This means everything from a single source, and everything is linked; designed to offer the maximum service life, in even the harshest environmental conditions.
The unique breadth and depth of its product portfolio means that WALTHER-WERKE is able to design perfectly coordinated, comprehensive solutions and systems for its customers. The advantage for our customers most importantly lies in the fact that there is only one contact responsible for the entire project, with all of its overall system requirements.

This means that customers are spared the laborious task of compiling the individual components themselves. Even if the needs increase later or if there are other technical challenges, there is only ever one contact. Thanks to their system expertise, this contact will be able to offer effective and efficient solutions quickly.
MAXIMUM USER BENEFITS
A BUNDLE OF PRODUCT ADVANTAGES

Easier and better in every way:
The new CEE NEO generation stands for a lot of practical and innovative solutions. Three product variations for different requirements have been developed: Classic, One-Touch and IPD.

Fast and easy connection with the unique One-Touch locking system

With just a quarter-turn, the connection is made between front and back part of the plug. At the same time, the enclosed strain relief is activated. There is also an acoustic feedback which serves as confirmation that the plug is closed - thus contributing to maximum product safety during operation. The tensile forces are acting directly on the cable and prevent material fatigue of the strain relief.

Easy and safe operation thanks to improved connection technology

A spring-clamp-connection (CAGE-CLAMP®) enables a screwless and time saving connection. The internationally proven connection clamping levers ensure easy operation and allow frequent reconnection. WAGO’s CAGE-CLAMP® connection technology has gained worldwide acceptance due to all of its major international approvals.

The use of Torx screws at the screw terminal provides optimum power transmission and a longer lifespan of the screw heads.
**Unique design**

- IPD system integration
- User-friendly ergonomics
- One-Touch locking system

**Optimized cover construction enables easy insertion of plug and coupler**

With an enlarged opening angle of 217 degrees, the coupler cover is designed in a way that it can be optimally held in the open position. This design avoids possible threading or breaking off the cover.

Robust materials and improved geometries provide additional stability.

**Additional advantages**

Labeling areas for compliance labels and identity codes have been added and the overall user-friendliness has been further improved, e.g. the horizontal working angle at the opening of the enclosure, which prevents the risk of injury by slipping. The standard degree of protection has been increased from IP44 to IP54.

A strong enclosure design due to specific material selection and well thought out geometries ensure a long service life of the product, even under harsh environmental conditions.

Color rings for voltage marking conforming to standards are a part of NEO’s unique product design.

**Ready for Industry 4.0**

In the future, an optional circuit board within the front part of the plug will enable requirements in the area of Industry 4.0 to be implemented. Coupled with the functionalities of Intelligent Power Distribution (IPD) by WALTHER-WERKE, NEO plug and socket devices can communicate their status to a superordinated software level. This makes power distributions holistically intelligent and controllable for the user.
THREE VARIANTS FOR DIFFERENT REQUIREMENTS
**Classic application**
Traditional product design with external strain relief at the smallest possible size.

**Professional application**
Optimized for fastest assembly and reconnectability, maximum operational safety.

**Future-oriented application**
Developed for IoT applications with data collection and data transmission.
CEE NEO Plugs
Enclosure made of PA66 material with high heat resistant contact carrier made of PA66 material and nickel-plated contacts

CEE NEO plugs
16A 5P IP54 ONE-TOUCH with automatically activating strain relief
CC = Cage clamp
SK = Screw terminal connection

CEE NEO plugs
16A 5P IP54 Classic with external cable gland with strain relief
CC = Cage clamp
SK = Screw terminal connection
PH = Phase inverter

CEE NEO plugs
16A 5P IP67 Classic with external cable gland with strain relief
CC = Cage clamp
SK = Screw terminal connection
PH = Phase inverter

CEE NEO plugs
16A 5P IP67 ONE-TOUCH with automatically activating strain relief
CC = Cage clamp
SK = Screw terminal connection
## CEE NEO Plugs

<table>
<thead>
<tr>
<th>Ampère</th>
<th>Poles</th>
<th>110 V 50 and 60 Hz</th>
<th>230 V 50 and 60 Hz</th>
<th>400 V 50 and 60 Hz</th>
<th>690 V 50 and 60 Hz</th>
<th>500 V 50 and 60 Hz</th>
<th>&gt; 50 - 500 V over 300 - 500 Hz</th>
</tr>
</thead>
<tbody>
<tr>
<td>16</td>
<td>5</td>
<td>FW210504CC</td>
<td>FW210509CC</td>
<td>FW210506CC</td>
<td>FW210505CC</td>
<td>FW210507CC</td>
<td>FW210502CC</td>
</tr>
<tr>
<td>16</td>
<td>5</td>
<td>FW210504SK</td>
<td>FW210509SK</td>
<td>FW210506SK</td>
<td>FW210505SK</td>
<td>FW210507SK</td>
<td>FW210502SK</td>
</tr>
<tr>
<td></td>
<td>5</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>5/60</td>
</tr>
<tr>
<td>16</td>
<td>5</td>
<td>FW211504CC</td>
<td>FW211509CC</td>
<td>FW211506CC</td>
<td>FW211505CC</td>
<td>FW211507CC</td>
<td>FW211502CC</td>
</tr>
<tr>
<td>16</td>
<td>5</td>
<td>FW211504SK</td>
<td>FW211509SK</td>
<td>FW211506SK</td>
<td>FW211505SK</td>
<td>FW211507SK</td>
<td>FW211502SK</td>
</tr>
<tr>
<td></td>
<td>5</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>5/60</td>
</tr>
<tr>
<td>16</td>
<td>5</td>
<td>FW218504CC</td>
<td>FW218509CC</td>
<td>FW218506CC</td>
<td>FW218505CC</td>
<td>FW218507CC</td>
<td>FW218502CC</td>
</tr>
<tr>
<td>16</td>
<td>5</td>
<td>FW218504SK</td>
<td>FW218509SK</td>
<td>FW218506SK</td>
<td>FW218505SK</td>
<td>FW218507SK</td>
<td>FW218502SK</td>
</tr>
<tr>
<td></td>
<td>5</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>5/60</td>
</tr>
<tr>
<td>16</td>
<td>5</td>
<td>FW219504CC</td>
<td>FW219509CC</td>
<td>FW219506CC</td>
<td>FW219505CC</td>
<td>FW219507CC</td>
<td>FW219502CC</td>
</tr>
<tr>
<td>16</td>
<td>5</td>
<td>FW219504SK</td>
<td>FW219509SK</td>
<td>FW219506SK</td>
<td>FW219505SK</td>
<td>FW219507SK</td>
<td>FW219502SK</td>
</tr>
<tr>
<td></td>
<td>5</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>5/60</td>
</tr>
</tbody>
</table>

Part numbers:
- FW210504CC
- FW210509CC
- FW210506SK
- FW210505CC
- FW210507CC
- FW211504CC
- FW211509CC
- FW211506SK
- FW211505CC
- FW211507CC
- FW218504CC
- FW218509CC
- FW218506SK
- FW218505CC
- FW218507CC
- FW219504CC
- FW219509CC
- FW219506SK
- FW219505CC
- FW219507CC
- FW219502CC

www.waltherelectric.com
CEE NEO Couplers
Enclosure made of PA66 material with high heat resistant contact carrier made of PA66 material and nickel-plated contacts

CEE NEO couplers
16A 5P IP54 ONE-TOUCH with automatically activating strain relief
CC = Cage clamp
SK = Screw terminal connection

CEE NEO couplers
16A 5P IP54 Classic with external cable gland with strain relief
CC = Cage clamp
SK = Screw terminal connection

CEE NEO couplers
16A 5P IP67 ONE-TOUCH with automatically activating strain relief
CC = Cage clamp
SK = Screw terminal connection

CEE NEO couplers
16A 5P IP67 Classic with external cable gland with strain relief
CC = Cage clamp
SK = Screw terminal connection
<table>
<thead>
<tr>
<th>Ampère</th>
<th>Poles</th>
<th>Part numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td>16</td>
<td>5</td>
<td>FW310504CC</td>
</tr>
<tr>
<td></td>
<td></td>
<td>FW310504SK</td>
</tr>
<tr>
<td>16</td>
<td>5</td>
<td>FW310509CC</td>
</tr>
<tr>
<td></td>
<td></td>
<td>FW310509SK</td>
</tr>
<tr>
<td>16</td>
<td>5</td>
<td>FW311504CC</td>
</tr>
<tr>
<td></td>
<td></td>
<td>FW311504SK</td>
</tr>
<tr>
<td>16</td>
<td>5</td>
<td>FW311509CC</td>
</tr>
<tr>
<td></td>
<td></td>
<td>FW311509SK</td>
</tr>
<tr>
<td>16</td>
<td>5</td>
<td>FW318504CC</td>
</tr>
<tr>
<td></td>
<td></td>
<td>FW318504SK</td>
</tr>
<tr>
<td>16</td>
<td>5</td>
<td>FW318509CC</td>
</tr>
<tr>
<td></td>
<td></td>
<td>FW318509SK</td>
</tr>
<tr>
<td>16</td>
<td>5</td>
<td>FW319504CC</td>
</tr>
<tr>
<td></td>
<td></td>
<td>FW319504SK</td>
</tr>
<tr>
<td>16</td>
<td>5</td>
<td>FW319509CC</td>
</tr>
<tr>
<td></td>
<td></td>
<td>FW319509SK</td>
</tr>
</tbody>
</table>

**Part numbers**

- FW310504CC FW310504SK
- FW310509CC FW310509SK
- FW311504CC FW311504SK
- FW311509CC FW311509SK
- FW318504CC FW318504SK
- FW318509CC FW318509SK
- FW319504CC FW319504SK
- FW319509CC FW319509SK
IEC60309 Pin & Sleeve Devices

HEB & HEBE Series of Portable Power Distribution

Your best Connection for "Dual Rated" Certified & UL Listed Pin & Sleeve Interconnects for Data Center Applications

### 16/20A & 30/32A

<table>
<thead>
<tr>
<th>Current Rating</th>
<th>Voltage AC</th>
<th>Clock Position of Ground</th>
<th>Poles</th>
<th>Plug IP67</th>
<th>Plug IP44</th>
<th>Connector IP67</th>
<th>Connector IP44</th>
<th>Receptacle IP67</th>
<th>Receptacle IP44</th>
<th>Inlet IP67</th>
<th>Inlet IP44</th>
</tr>
</thead>
<tbody>
<tr>
<td>16/20A</td>
<td>200-250V</td>
<td>6</td>
<td>2P + G</td>
<td>219036</td>
<td>210306</td>
<td>319306</td>
<td>310306</td>
<td>419306</td>
<td>410306</td>
<td>619306</td>
<td>615306</td>
</tr>
<tr>
<td>16/20A</td>
<td>380-415V</td>
<td>6</td>
<td>3P + G</td>
<td>219406</td>
<td>210406</td>
<td>319406</td>
<td>310406</td>
<td>419406</td>
<td>410406</td>
<td>619406</td>
<td>615406</td>
</tr>
<tr>
<td>16/20A</td>
<td>200-250V</td>
<td>9</td>
<td>3P + G</td>
<td>219409</td>
<td>210409</td>
<td>319409</td>
<td>310409</td>
<td>419409</td>
<td>410409</td>
<td>619409</td>
<td>615409</td>
</tr>
<tr>
<td>16/20A</td>
<td>120/208V</td>
<td>9</td>
<td>3P + N + G</td>
<td>219509</td>
<td>210509</td>
<td>319509</td>
<td>310509</td>
<td>419509</td>
<td>410509</td>
<td>619509</td>
<td>615509</td>
</tr>
<tr>
<td>16/20A</td>
<td>200/346V</td>
<td>6</td>
<td>3P + N + G</td>
<td>219</td>
<td>210 or 211</td>
<td>319</td>
<td>310 or 311</td>
<td>419</td>
<td>410</td>
<td>619</td>
<td>615</td>
</tr>
<tr>
<td>16/20A</td>
<td>240/415V</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>30/32A</td>
<td>200-250V</td>
<td>6</td>
<td>2P + G</td>
<td>239036</td>
<td>230306</td>
<td>339306</td>
<td>330306</td>
<td>439306</td>
<td>430306</td>
<td>639306</td>
<td>635306</td>
</tr>
<tr>
<td>30/32A</td>
<td>380-415V</td>
<td>6</td>
<td>3P + G</td>
<td>239406</td>
<td>230406</td>
<td>339406</td>
<td>330406</td>
<td>439406</td>
<td>430406</td>
<td>639406</td>
<td>635406</td>
</tr>
<tr>
<td>30/32A</td>
<td>200-250V</td>
<td>9</td>
<td>3P + G</td>
<td>239409</td>
<td>230409</td>
<td>339409</td>
<td>330409</td>
<td>439409</td>
<td>430409</td>
<td>639409</td>
<td>635409</td>
</tr>
<tr>
<td>30/32A</td>
<td>120/208V</td>
<td>9</td>
<td>3P + N + G</td>
<td>239509</td>
<td>230509</td>
<td>339509</td>
<td>330509</td>
<td>439509</td>
<td>430509</td>
<td>639509</td>
<td>635509</td>
</tr>
<tr>
<td>30/32A</td>
<td>200/346V</td>
<td>6</td>
<td>3P + N + G</td>
<td>239</td>
<td>230-5c/10AWG</td>
<td>339</td>
<td>330-5c/10AWG</td>
<td>439</td>
<td>430</td>
<td>639</td>
<td>635</td>
</tr>
<tr>
<td>30/32A</td>
<td>240/415V</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Note:** IP67 Water Tight, IP44 Splash Proof

### 60/63A & 100/125A

<table>
<thead>
<tr>
<th>Current Rating</th>
<th>Voltage AC</th>
<th>Clock Position of Ground</th>
<th>Poles</th>
<th>Plug IP67</th>
<th>Plug IP44</th>
<th>Connector IP67</th>
<th>Connector IP44</th>
<th>Receptacle IP67</th>
<th>Receptacle IP44</th>
<th>Inlet IP67</th>
<th>Inlet IP44</th>
</tr>
</thead>
<tbody>
<tr>
<td>60/63A</td>
<td>200-250V</td>
<td>6</td>
<td>2P + G</td>
<td>269036</td>
<td>260306</td>
<td>369306</td>
<td>360306</td>
<td>469306</td>
<td>460306</td>
<td>669306</td>
<td>663306</td>
</tr>
<tr>
<td>60/63A</td>
<td>380-415V</td>
<td>6</td>
<td>3P + G</td>
<td>269406</td>
<td>261406 or 260406</td>
<td>369406</td>
<td>361406 or 360406</td>
<td>469406</td>
<td>460406</td>
<td>669406</td>
<td>663406</td>
</tr>
<tr>
<td>60/63A</td>
<td>200-250V</td>
<td>9</td>
<td>3P + G</td>
<td>269409</td>
<td>261409 or 260409</td>
<td>369409</td>
<td>361409 or 360409</td>
<td>469409</td>
<td>460409</td>
<td>669409</td>
<td>663409</td>
</tr>
<tr>
<td>60/63A</td>
<td>120/208V</td>
<td>9</td>
<td>3P + N + G</td>
<td>269509</td>
<td>261509 or 260509</td>
<td>369509</td>
<td>361509 or 360509</td>
<td>469509</td>
<td>460509</td>
<td>669509</td>
<td>665509</td>
</tr>
<tr>
<td>60/63A</td>
<td>200/346V</td>
<td>6</td>
<td>3P + N + G</td>
<td>269</td>
<td>261 or 260</td>
<td>369</td>
<td>361 or 360</td>
<td>469</td>
<td>460</td>
<td>669</td>
<td>665</td>
</tr>
<tr>
<td>60/63A</td>
<td>240/415V</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>100/125A</td>
<td>200-250V</td>
<td>6</td>
<td>2P + G</td>
<td>279036</td>
<td>379306</td>
<td>479306</td>
<td>470306</td>
<td>679306</td>
<td>67406</td>
<td></td>
<td></td>
</tr>
<tr>
<td>100/125A</td>
<td>380-415V</td>
<td>6</td>
<td>3P + G</td>
<td>279406</td>
<td>379406</td>
<td>479406</td>
<td>470406</td>
<td>679406</td>
<td>67406</td>
<td></td>
<td></td>
</tr>
<tr>
<td>100/125A</td>
<td>200-250V</td>
<td>9</td>
<td>3P + G</td>
<td>279409</td>
<td>379409</td>
<td>479409</td>
<td>470409</td>
<td>679409</td>
<td>67409</td>
<td></td>
<td></td>
</tr>
<tr>
<td>100/125A</td>
<td>120/208V</td>
<td>9</td>
<td>3P + N + G</td>
<td>279509</td>
<td>379509</td>
<td>479509</td>
<td>470509</td>
<td>679509</td>
<td>674509</td>
<td></td>
<td></td>
</tr>
<tr>
<td>100/125A</td>
<td>200/346V</td>
<td>6</td>
<td>3P + N + G</td>
<td>279</td>
<td>379</td>
<td>479</td>
<td>470</td>
<td>679</td>
<td>674</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Note:** Walther 100/125A interconnects are IP67 Only
IEC60309 Pin & Sleeve Devices
Performance Specifications • International Ratings

ELECTRICAL

Insulation Resistance
500V for 1 min. Resistance ≥ 5M Ω
Per IEC60309-1, Clause 19

Dielectric Strength
3000V for 1 min.
Per IEC60309-1, Clause 19

Norm. Operation, Connect & Disconnect Cycles
See Table 1
Per IEC60309-1, Clause 21

Breaking Capacity
Tested at 110 % of the rated operating voltage and 125% of the rated current.
Per IEC60309-1, Clause 20

Temperature Rise
Maximum 50 K rise at full rated current.
Per IEC60309-1, Clause 22

MECHANICAL

Cable Secureness
See Table 2
Per IEC60309, Clause 23

Impact
A device is wired with a 2.25m length of flexible cord and dropped from a height of 75 cm, 8 times. The device is then tested for applicable degrees of protection against moisture.
Per IEC60309, Clause 24

ENVIRONMENTAL

Flammability
Self-extinguishing
Per IEC60309-1, Clause 27

Ambient Temperature Range
Minimum: -25°C with impact
Maximum: 90°C

Moisture Resistance
Wateproof (IP67): Device immersed for 24 hours in water at a temp. of 25°C, the highest point of the device being 5cm (2") below the water level.
Splash proof (IP44): Device is sprayed with water for 10 minutes and immediately afterwards subjected to splashing water in all directions (360°).

UV Resistance
Exposed plastic materials are UV stabilized.

TABLE 1

Connect and Disconnect Cycles

<table>
<thead>
<tr>
<th>Device Rating</th>
<th>Cycles with</th>
<th>Load at Rated Current</th>
<th>No-Load Cycles</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amperes</td>
<td>Voltage</td>
<td></td>
<td>Sequence</td>
</tr>
<tr>
<td>16</td>
<td>5000 p.f. of 0.6</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>32</td>
<td>1000 p.f. of 0.8</td>
<td>1000</td>
<td>Alternating</td>
</tr>
<tr>
<td>63</td>
<td>1200 p.f. of 0.8</td>
<td>1000</td>
<td>Alternating</td>
</tr>
<tr>
<td>125</td>
<td>250 p.f. of 0.7</td>
<td>250</td>
<td>Alternating</td>
</tr>
</tbody>
</table>

The test sequence is conducted by using a no-load, followed by a load sequence.

TABLE 2

Cable Secureness Test

<table>
<thead>
<tr>
<th>Device Rating</th>
<th>Force</th>
<th>Torque</th>
<th>Maximum Displacement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amperes</td>
<td>N</td>
<td>N·m</td>
<td>mm</td>
</tr>
<tr>
<td>16</td>
<td>80</td>
<td>0.350</td>
<td>2</td>
</tr>
<tr>
<td>32</td>
<td>100</td>
<td>0.425</td>
<td>2</td>
</tr>
<tr>
<td>63</td>
<td>120</td>
<td>0.8</td>
<td>2</td>
</tr>
<tr>
<td>125</td>
<td>200</td>
<td>1.5</td>
<td>2</td>
</tr>
</tbody>
</table>

The flexible cord or cable is twisted and pulled. Values for the applied twisting torque and force of pull are shown in Table 2. In all cases the cord displacement is less than 2mm.

DECLARATION OF CONFORMITY

WALTHER WERKE, Ferdinand Walther GmbH
Ramsener Strasse 6
67304 Eisenberg

We declare, under our sole responsibility, the conformity of the following products and standards:

Plugs and Sockets (Pin and Sleeve devices)
DIN EN 60 309, T. 1
DIN EN 60 309, T. 2

This declaration of conformity is according to the EC regulations 73/23, 91/368 and 89/336 (Low Voltage Directive), module A, in consideration of DIN EN 45 014.

UL LISTINGS

For all plugs, sockets & receptacles

UEI Listed

DIN EN ISO 9001
Certificate Registration No. 4678-01

www.waltherelectric.com
**FCA03825622**

**TBD**

**Description:**
Assembly of 30A, 480V IEC WITH 4 WIRE #10 AWG IN Flexible Metal Conduit.

**Applications**
construction, under raised floor site...etc

**Specifications**
- **IEC**: 30A 480V IP67
- **Box**: 2 Gang Weather Box
- **Conduit**: UL 3/4” Liquid-Tight Flexible Metal
- **Wire**: UL 4 WIRE # 10 AWG
- **Fitting**: 3/4” UL
- **Approximate Dimensions**: 3 FT
- **Approximate Weight**: 5 LB

**FCA04436942**

**TBD**

**Description:**
Assembly of 30A, 400/240V IEC WITH 5 WIRE #10AWG IN Flexible Metal Conduit.

**Applications**
under raised floor, construction site...etc

**Specifications**
- **IEC**: 30A 400V IP67
- **Box**: Cast Back Box
- **Conduit**: UL ½” Liquid-Tight Flexible Metal
- **Wire**: UL 5 WIRE # 10 AWG
- **Fitting**: ½” UL
- **Approximate Dimensions**: 4 FT
- **Approximate Weight**: 5 LB
**DCA02X3SP2**

**Custom Splitter, 3-PH, 3-Pole, 5-Wire**

**Description:**
16A/400V, Three Phase Splitter with Input: (1) 16A IEC60309 IP44, 3-Pole, 5 Wire plug with 450cm of 4mm², 5 Conductor (H07RN-F) harmonized cable, Output: (1) 16A IEC60309 IP44, 3-Pole, 5 Wire coupler with 61cm of 4mm², 5 Conductor (H07RN-F) harmonized cable, (1) 16A IEC60309 IP44, 3-Pole, 5 Wire coupler with 91.5cm of 4mm², 5 Conductor (H07RN-F) harmonized cable

**Applications**
Data Centers, Entertainment, Convention Center, Food industry etc.

**Specifications**

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rating</td>
<td>16A/400V, 3P+N+G</td>
</tr>
<tr>
<td>Environmental Rating</td>
<td>NEMA 3R</td>
</tr>
<tr>
<td>Input</td>
<td>(1) 16A IEC, IP44, 3P+N+G Plug with 450cm of 4mm²/5C cable</td>
</tr>
<tr>
<td>Output</td>
<td>(1) 16A IEC IP44, 3P+N+G Couplers with 61cm of 4mm²/5C cable</td>
</tr>
<tr>
<td></td>
<td>(1) 16A IEC IP44, 3P+N+G Couplers with 91.5cm of 4mm²/5C cable</td>
</tr>
<tr>
<td>Approximate Enclosure Dimensions</td>
<td>L 193.8 mm  W 117.6 mm  H 78.49 mm</td>
</tr>
<tr>
<td>Approximate Weight</td>
<td>10 lbs.</td>
</tr>
</tbody>
</table>

**20 AMP “Y” Splitter Assembly - Harmonized Cable**

- **Plug**
  - 210

- **Box**
  - 193.8 x 117.6 x 78.49 mm
  - UL Wire Nuts Termination

- **Cable**
  - H07RN-F 4MM²
  - 4500 mm
  - 915 mm
  - 610 mm
  - (2) 310
**DCA03X3SP2**

**Custom Splitter, 3-PH, 3-Pole, 5-Wire**

**Description:**
32A/400V, Three Phase Splitter with Input: (1) 32A IEC60309 IP44, 3-Pole, 5 Wire plug with 450cm of 6mm², 5 Conductor (H07RN-F) harmonized cable cable, Output: (1) 32A IEC60309 IP44, 3-Pole, 5 Wire coupler with 61cm of 6mm², 5 Conductor (H07RN-F) harmonized cable, (1) 32A IEC60309 IP44, 3-Pole, 5 Wire coupler with 91.5cm of 6mm², 5 Conductor (H07RN-F) harmonized cable

**Applications**
Data Centers, Entertainment, Convention Center, Food Industry etc.

**Specifications**

- **Rating:** 32A/400V, 3P+N+G
- **Environmental Rating:** NEMA 3R
- **Input**
  - (1) 32A IEC, IP44, 3P+N+G Plug with 450cm of 6mm²/5C cable
- **Output**
  - (1) 32A IEC IP44, 3P+N+G Couplers with 61cm of 6mm²/5C cable
  - (1) 32A IEC IP44, 3P+N+G Couplers with 91.5cm of 6mm²/5C cable
- **Approximate Enclosure Dimensions:** L 193.8 mm  W 117.6 mm  H 78.49 mm
- **Approximate Weight:** 12 lbs.

---

**30 AMP “Y” Splitter Assembly - Harmonized Cable**

- Plug 230
- **Box** 193.8 x 117.6 x 78.49 mm
- **UL Wire Nuts Termination**
- **Cable H07RN-F 6MM2**
- **Cable H07RN-F 6MM2**
- **(2) 330**
**DCA02X3SP1**

**Custom Splitter, 3-PH, 3-Pole, 5-Wire**

**Description:**
20A/400V, Three Phase Splitter with Input: (1) 20A IEC60309 IP44, 3-Pole, 5 Wire plug with 177-Inches of 12-AWG, 5 Conductor SOOW cable Output: (1) 20A IEC60309 IP44, 3-Pole, 5 Wire coupler with 24-Inches of 12-AWG, 5 Conductor SOOW cable, (1) 20A IEC60309 IP44, 3-Pole, 5 Wire coupler with 36-Inches of 12-AWG, 5 Conductor SOOW cable

**Applications**
Data Centers, Entertainment, Convention Center, Food industry etc.

**Specifications**

- **Rating**
  - 20A/400V, 3P+N+G
- **Environmental Rating**
  - NEMA 3R
- **Input**
  - (1) 20A IEC, IP44, 3P+N+G Plug with 177-Inches of 12/5C cable
- **Output**
  - (1) 20A IEC IP44, 3P+N+G Couplers with 24-Inches of 12/5C cable
  - (1) 20A IEC IP44, 3P+N+G Couplers with 36-Inches of 12/5C cable

**Approximate Enclosure Dimensions**
L 9" W 5" H 3"

**Approximate Weight**
10 lbs.

---

**20 AMP “Y” Splitter Assembly - Harmonized Cable**

- **Dimensions:**
  - Cable H07RN-F 4MM2
    - Plug 210
    - Box
      - 193.8 x 117.6 x 78.49 mm
      - UL Wire Nuts Termination
  - (2) 310
  - 4500 mm
  - 915 mm
  - 610 mm
**DCA03X3SP1**

**Custom Splitter, 3-PH, 3-Pole, 5-Wire**

**Description:**
30A/400V, Three Phase Splitter with Input: (1) 30A IEC60309 IP44, 3-Pole, 5 Wire plug with 177-Inches of 8-AWG, 5 Conductor SOOW cable Output: (1) 30A IEC60309 IP44, 3-Pole, 5 Wire coupler with 24-Inches of 8-AWG, 5 Conductor SOOW cable, (1) 30A IEC60309 IP44, 3-Pole, 5 Wire coupler with 36-Inches of 8-AWG, 5 Conductor SOOW cable

**Applications**
Data Centers, Entertainment, Convention Center, Food industry etc.

**Specifications**
- **Rating:** 30A/400V, 3P+N+G
- **Environmental Rating:** NEMA 3R
- **Input:** (1) 30A IEC, IP44, 3P+N+G Plug with 177-Inches of 8/5C cable
- **Output:** (1) 30A IEC IP44, 3P+N+G Couplers with 24-Inches of 8/5C cable
- (1) 30A IEC IP44, 3P+N+G Couplers with 36-Inches of 8/5C cable

**Approximate Enclosure Dimensions**
L 9” W 5” H 3”

**Approximate Weight**
20 lbs.

---

**30 AMP “Y” Splitter Assembly**

- **Plug 230**
- **Box**
  - 193.8 x 117.6 x 78.49 mm
  - UL Wire Nuts Termination
- **Cable 10/5C SOO**
- **Cable 10/5C SOO**
  - (2) 330
  - 610 mm
  - 4500 mm
  - 915 mm
Power Supply Cord 50A, 3PH, 28-8kw@415V

ACAB3F6PM

**Male**

**Description:**
Procon modular cable assembly, 3FT, 8/5c Type W UL, 50 A, 2000V, modular plug, B6 hood with latch, MOB6 Male Frame, 3.1P Male contact carrier and MO3 Pin contact and M40-15 cable gland.

**Applications:**
Data center, power drops.

**Specifications**

<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Housing</td>
<td>B6 Hood with Latch</td>
</tr>
<tr>
<td>Frame</td>
<td>MOB6 Female</td>
</tr>
<tr>
<td>Contact Carrier</td>
<td>3.1P Male Contact</td>
</tr>
<tr>
<td>Contact Sleeve</td>
<td>MO3 Sleeve</td>
</tr>
<tr>
<td>Cable Approvals</td>
<td>Type with portable power cable 200V</td>
</tr>
<tr>
<td>UL: E2071132</td>
<td>Oil resistant, oil resistant inners,</td>
</tr>
<tr>
<td>cUL: E20711132</td>
<td>sunlight resistant, 90°C wet or dry,</td>
</tr>
<tr>
<td>MSHA: P-7K-268101</td>
<td>8 AWG size, 5 conductor</td>
</tr>
<tr>
<td>Conductor Size</td>
<td>8 AWG</td>
</tr>
<tr>
<td>Conductor Stranding</td>
<td>133 7x19</td>
</tr>
<tr>
<td>Insulation Thickness</td>
<td>0.06&quot;</td>
</tr>
<tr>
<td>Nominal O.D.</td>
<td>1.07&quot;</td>
</tr>
<tr>
<td>Ampacity</td>
<td>52A</td>
</tr>
</tbody>
</table>

Procon Modualr 80

**Description:**
80A Male PROCON modular connector assembly. Housing made from coast aluminum. Double locking system for secure connection. Walther can custom design configurations that meet your application requirements. Walther can produce and supply the mating cable assemblies.

**Applications**
Power Drop, Data Centers, Industrial Application etc.

**Specifications**

<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Housing (1) B16 housing with lever</td>
<td>PB16 UR</td>
</tr>
<tr>
<td>Frame (1) MO B16 female frame</td>
<td>770016 UR</td>
</tr>
<tr>
<td>82A High current modular inserts (2) MO2P female Insert</td>
<td>771402 UR</td>
</tr>
<tr>
<td>Blind modules (1) For female frames</td>
<td>771000 UR</td>
</tr>
<tr>
<td>Hood (1) B16 hood</td>
<td>P72834040 UR</td>
</tr>
<tr>
<td>Frame (1) MO B16 Male frame</td>
<td>770116 UR</td>
</tr>
<tr>
<td>82A High current modular inserts (2) MO2P Male Insert</td>
<td>771502 UR</td>
</tr>
<tr>
<td>Blind modules For male frames</td>
<td>771100 UR</td>
</tr>
<tr>
<td>Approximate Weight</td>
<td>2-lbs.</td>
</tr>
</tbody>
</table>

www.waltherelectric.com
Procon One Touch 50AMP Modular Hood & Housing Assembly

Description:
50A, Walther new design PROCON can be use with power cable up to 5- wire, 8-AWG Type w, SOOW cord, The system can carry a certain load applied by its own weight including cable, The locking mechanism secures the system over life time without any relaxation, It withstands constant temperature, temperature change and humidity without significant mechanical or electrical change

Applications
Data Center, Lighting, Portable Power, Entertainment and more.

Specifications
- B6 Panel mount Housing: 714306OT
- Female 6B frame: 770006
- Female 50A insert: 771403
- 8 AWG/10 mm2 female contact: 772070
- B6 Hood with latch: P75892440OT
- Male 6B frame insert: 770106
- Male 50A insert: 771503
- 8 AWG/10 mm2 male contact: 772170
- 8 AWG cable gland 40 mm thread opening: SR40M-2232-BLK
- Approximate Dimensions: L3.5” W2” H 5.5”
- Approximate Weight: 1-LBS

Features and Benefits
Locking system secures tightly both hood and housing assembly, The sealing works even when external forces are applied (IP54), The PROCON system is low profile, The locking is easy and comfortable to grip, The system can be operated even when covered by dust, grease or other substances deteriorate the gripping conditions, The locking can be operated (X) times per day by one operator, The system is to be easily installed or pulled through tight areas/rack system, Walther can produce and supply the mating cable assemblies.
### RK06I43

**Custom PDU 60A 3PH - Rack Mount PDU 60 amp-5 wire-480V**

**Description:**
Rack Mount PDU 277/480 V, 3PH+N+G. Metal Enclosure, Rack Mount, Standard 19” Rack Design, Internal breakers are protected by a transparent hinged cover.

**Applications**
Data Centers

**Specifications**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Rating</strong></td>
<td>60 A, 277/480V</td>
</tr>
<tr>
<td><strong>Input</strong></td>
<td>60A IEC Inlet 665519</td>
</tr>
<tr>
<td><strong>Output</strong></td>
<td>(3) 30A IEC 430519</td>
</tr>
<tr>
<td><strong>Overcurrent Protection</strong></td>
<td>(3) 30A 3 Pole, MCB</td>
</tr>
<tr>
<td><strong>Approximate Dimensions</strong></td>
<td>L 19” W 14” H 5.5”</td>
</tr>
<tr>
<td><strong>Approximate Weight</strong></td>
<td>13 lbs</td>
</tr>
</tbody>
</table>

### RK06I53

**Custom PDU 60A 3PH - Rack Mount Splitter 60 amp-5 wire-208V**

**Description:**
Rack Mount PDU 120/208 V, 3PH+N+G. Metal Enclosure, Rack Mount, Standard 19” Rack Design, Internal breakers are protected by a transparent hinged cover.

**Applications**
Data Centers

**Specifications**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Rating</strong></td>
<td>60 A, 277/480V</td>
</tr>
<tr>
<td><strong>Input</strong></td>
<td>60A IEC Inlet 665519</td>
</tr>
<tr>
<td><strong>Output</strong></td>
<td>(3) 30A IEC 430519</td>
</tr>
<tr>
<td><strong>Overcurrent Protection</strong></td>
<td>(3) 30A 3 Pole, MCB</td>
</tr>
<tr>
<td><strong>Approximate Dimensions</strong></td>
<td>L 19” W 14” H 5.5”</td>
</tr>
<tr>
<td><strong>Approximate Weight</strong></td>
<td>13 lbs</td>
</tr>
</tbody>
</table>
64129AIU

Custom PDU, 60A, 3-PH, 3-Pole 5-Wire

Description:
60A/400V, Three phase Power distribution unit (PDU) with Input: (1) 60A IEC60309, IP44, 3-Pole, 5 Wire plug with 5-feet of 6-AWG, 5 Conductor SOOW cable, Output: (3) 30A IEC60309, IP44, 3-Pole, 5 Wire receptacles, (1) 16A IEC60309, IP44, 3-Pole, 4 Wire receptacle Protected by (3) 30A 3-Pole circuit breakers, (1) 6A 3-Pole circuit breaker

Applications
Data Centers, Entertainment, Convention Center, Food industry etc.

Specifications
Rating 60A, 400V, 3P+N+G
Environmental Rating NEMA 3R
Input (1) 60A IEC, IP44, 3P+N+G with 5FT of 6/5 SOOW cable
Output (3) 30A IEC IP44, 3P+N+G
Overcurrent Protection
(1) 16A IEC IP44, 3P+G
(3) 30A 3-Pole, MCB
Approximate Dimensions L 48” W 6” H 5”
Approximate Weight 22 lbs.

64129AI

Custom PDU, 60A, 3-PH, 3-Pole 5-Wire

Description:
60A/400V, Three phase Power distribution unit (PDU) with Input: (1) 60A IEC60309, IP44, 3-Pole, 5 Wire plug with 5-feet of 10mm2, 5 Conductor H07RN-F Harmonized cable, Output: (2) 30A IEC60309, IP44, 3-Pole, 5 Wire receptacles, (1) 16A IEC60309, IP44, 3-Pole, 4 Wire receptacle, (1) 30A IEC60309, IP44, 1-Pole, 3 Wire receptacle Protected by (2) 30A 3-Pole circuit breaker, (1) 6A 3-Pole circuit breaker, (1) 25A 1-Pole circuit breaker

Applications
Data Centers, Entertainment, Convention Center, Food industry etc.

Specifications
Rating 60A, 400V, 3P+N+G
Environmental Rating NEMA 3R
Input (1) 60A IEC, IP44, 3P+N+G with 5FT of 10mm/sq 5C harmonized cable
Output (2) 30A IEC IP44, 3P+N+G
Overcurrent Protection
(1) 16A IEC IP44, 3P+G
(1) 30A IEC IP44 1P+N+G
Approximate Dimensions L 48” W 6” H 5”
Approximate Weight 22 lbs.
Walther Wall Mounted PDU

**Description:**
60A/400V, Three phase Power distribution unit (PDU) with

**Input:** (1) 60A IEC60309, IP44, 3-Pole, 5 Wire plug with 5-feet of 6-AWG, 5 Conductor SOOW cable,

**Output:** (3) 30A IEC60309, IP44, 3-Pole, 5 Wire receptacles, (1) 16A IEC60309, IP44, 3-Pole, 4 Wire receptacle

Protected by (3) 30A 3-Pole circuit breakers, (1) 6A 3-Pole circuit breaker

**Specifications**

**Applications**
Rating 60A, 400V, 3P+N+G

Environmental Rating NEMA 3R

Input (1) 60A IEC, IP44, 3P+N+G with 5FT of 10mm², 5 Conductor H07RN-F Harmonized cable

Output (2) 30A IEC IP44, 3P+N+G
(1) 16A IEC IP44, 3P+G
(1) 30A IEC IP44 1P+N+G

Overcurrent Protection (2) 30A 3-Pole, MCB
(1) 6A 3-Pole, MCB
(1) 25A 1-Pole, MCB

Approximate Dimensions L 48" W 6" H 5"

Approximate Weight 22 lbs.

Data Centers, Entertainment, Convention Center, Food industry etc.

**50A, 28.8kw Connector Option for Tap Box and PDU’s**

- Walther Cable assemblies or connectors are available to all manufacturers.
- Same Tap Box enclosures as hardwired.
- 30 amp pin and sleeve connector (17.3kW).
- Procon connector 11.5kW more power than the 30A IEC309 for a total of 28.8kw

**Ratings**
- Rated at 30 amps
- Rated at 50 amps

**Dimensions**
- 6.500 (165.10)
- 5.2" (132.08)
- 10.000 (254.00)
WALTHER-WERKE Ferdinand Walther GmbH
Ramsener Straße 6
D-67304 Eisenberg
+ (49) 6351 / 475 - 0 phone
+ (49) 6351 / 475 - 227 fax
mail@walther-werke.de
www.walther-werke.de

F. Walther Electrics Ltd., Great Britain
Unit 4, Cromwell Trading Estate
Cromwell Road
GB-Bredbury, Stockport
Cheshire SK6 2RF
+ 44 1 61 / 4 94 12 33 phone
+ 44 1 61 / 4 94 50 55 fax
sales@walther.co.uk
www.walther-electric.co.uk

F. Walther Electric Corporation, Inc., USA
12F World's Fair Drive, Somerset, NJ 08873
(800) 925-8437 toll free  |  (732) 537-9201 phone
(732) 537-9209 fax
custserv@waltherelectric.com
www.waltherelectric.com