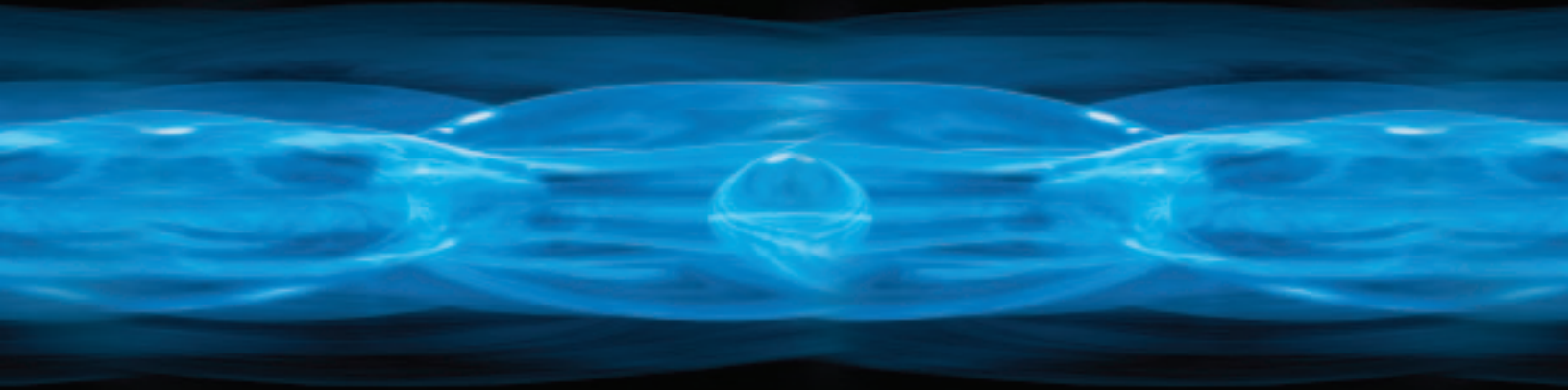




Carling Technologies®

Innovative Designs. Powerful Solutions.

ALWAYS ON



INNOVATION

We're more than products.

We're a constant flow of energy and ideas.

At Carling, we're always on, powered by a passion for finding creative new ways to solve our customers' challenges. It's a passion that's made us one of the world's largest leading manufacturers of electrical/electronic products. And it's a passion we'd like to put to work for you—whenever and wherever you need it. Keep reading to find out how.

UTILIZATION

Where are our products used?

The better question is, where aren't they?

When you make as many different products as Carling, for as many different companies, it's hard to find an industry we haven't helped.

Founded in 1920, we're one of the world's largest manufacturers of electrical and electronic switches and assemblies, hydraulic magnetic and thermal circuit breakers, instrumentation, electronic controls, power distribution centers, digital switching systems, and multiplexed power distribution systems.

Carling Technologies companies include:

- Moritz Aerospace
- Moritz Marine

The family of Carling Technologies companies provides engineered solutions to leading electronic and industrial OEMs in a variety of industries around the world, including:

- telecommunication
- electronics
- trucks and buses
- marine
- railroad
- aviation
- construction/agricultural equipment
- appliances
- industrial controls and factory automation

With so many products for so many different markets, you can be sure that there's a Carling solution that's right for your business. And if there's not, we'll custom design and manufacture one!



The background is a vibrant green with a complex, abstract pattern. It features several overlapping, semi-transparent geometric shapes, including circles and triangles, which create a sense of depth and movement. A prominent black arrow points horizontally to the right, positioned above the main text. The overall aesthetic is modern and dynamic, suggesting themes of growth, technology, or forward momentum.

DIVERSIFI



CATION

If you've got a need, we've got a solution.

When it comes to offering a wide array of products, nobody comes close to Carling. We don't just provide a vast selection of solutions across many different industries—we also offer a countless number of products within each one. So when you have a need, you can choose from several different solutions, each with its own unique advantages. We even offer solutions to needs that don't yet exist—thanks to our ability to engineer custom solutions for virtually any situation. When you're looking for choices, make sure we're your first one.

Switches

We made our name making switches. And switches are still the largest part of our business. We offer one- to four-pole switches in many different single-throw and double-throw maintained and momentary circuits. Our rocker, toggle, push-button, slide, miniature and rotary-style switches come with a wide variety of aesthetic and functional options, including:

- circuit configurations
- AC and DC ratings
- insulated and waterproof constructions
- termination options
- illumination options
- mounting options
- custom colors
- imprinting

Our switches are also designed for real-world work applications. Our Contura® and L-Series illuminated and non-illuminated rocker switches have set the industry design for sealed switches, meeting the rugged IP standards, providing protection against dust, spray and immersion, while still being aesthetically pleasing. Our new W-Series switches are completely submersible, providing an unprecedented amount of protection against water and dust.

All of our switches offer the highest in performance and reliability.

Of course, as with all our products, our engineers can quickly and creatively tailor switch solutions for any need you have.



Switch to diversity

Carling Technologies offers a vast array of switches in all shapes and sizes, for an equally impressive number of applications.

Powerful protection

Carling's full range of circuit protection products provide many different levels of protection with unsurpassed flexibility and reliability.



Circuit Protection

Carling offers a complete line of thermal and hydraulic/magnetic protection products for tailored circuit protection, from the miniature M-Series (.02 amps) to the tough F-Series (700 amps).

Carling continues a long tradition of innovative circuit protection designs with two state-of-the-art circuit breakers that provide innovative ways to safeguard equipment—and your business.

Our Remote Operated Circuit Breaker (ROCB) combines the convenience of remote ON, OFF and RESET capabilities with the safety and accuracy of a hydraulic/magnetic current sensing device. Since the ROCB can be operated from various locations in a system, facility

or site, a variety of functions ranging from service and diagnostics to load shedding and power distributions can be performed in areas that were previously unattended or inaccessible.

The SmartGuard® Equipment Leakage circuit breaker detects and guards against faults using a revolutionary integrated circuit developed by Carling Technologies. When a fault occurs, this breaker trips and an LED illuminates providing a clear indication that the trip occurred as a result of leakage.

All of our circuit breakers are available in an extensive variety of sizes, ratings and options.



Power Distribution Units

Carling offers a variety of standard and custom AC and DC power distribution units (PDUs) designed to fit industry-standard rack systems for the telecommunication, server, marine, generator, alternative power, aviation and medical industries. Our dedicated engineering team can design and develop a custom PDU that will meet any requirements you have, no matter how unique.

Power brokers

Our standard and custom power distribution units can be configured to meet virtually any need.

Not just the right products... the right people.

Everyone you work with at Carling, from salespeople to engineers, knows our products—and your business.



Electronic Controls

Carling designs and manufactures a wide range of high-quality electronic controls for an array of applications. Our electronic controls include:

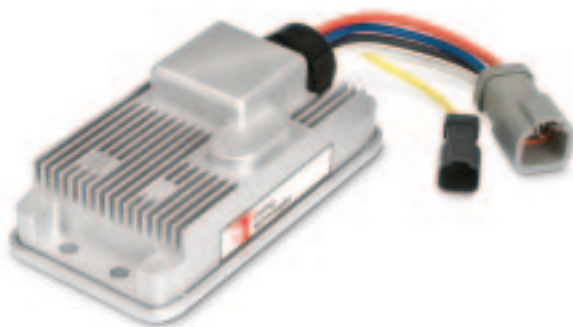
- Dash controls, including dimmer, wiper/washer, mirror adjust and steering column controls
- CAN open and SAE J1939 controls including ECU (electronic control units) and operator interfaces, monitors and flat panel displays
- Door control modules
- HVAC controls

All of our electronic controls are made with the same ingenuity and attention to detail that has made the Carling name legendary for quality and reliability.



Dashing Aesthetics

Carling's Wiper/Washer Switches and Dimmer Controls are just two of the many attractive dash controls that we offer.



You are always in control

Products like our HVAC and Electronic Control Units offer the highest quality of control.

Moritz Aerospace

In 2004, Carling Technologies acquired the Moritz Corporation, known worldwide for providing customers with “best in class,” highly engineered products, including solid-state control and protection devices and electronic instrumentation employed in processing, monitoring and controlling vital functions in aerospace and transportation applications. These functions encompass flight surfaces, engine performance, fuel parameters, battery status, etc., that are monitored and controlled via Moritz in-house designed and manufactured products.

There’s no room for error at high altitudes. That's why Moritz Aerospace demands the highest levels of quality and reliability from our full range of aerospace products. From cockpit instrumentation to data acquisition units, you can count on our innovative MIL-approved and TSP-certified solutions to perform exactly as expected.



Ready for takeoff

Carling Technologies now provides high-quality aerospace solutions by Moritz Aerospace.



New owner. Same quality. As an integrated member of the Carling Technologies Group, Moritz Aerospace continues to provide innovative systems and controls, including:

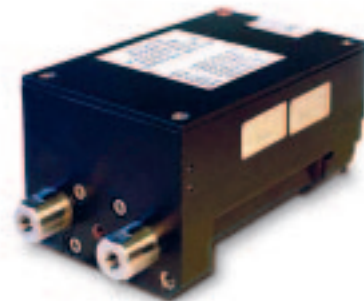
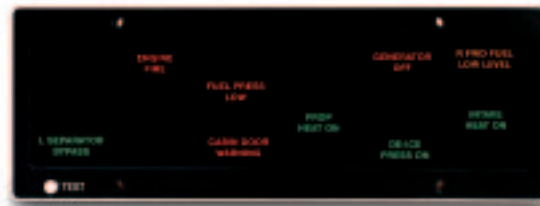
- digital power distribution systems
- instrumentation
- annunciator panels
- data acquisition units/sensor interface units
- switch panels
- fuel management systems
- heat controls
- timing and control modules

We're excited to offer these new capabilities to our customers, along with the legendary quality and ingenuity that has led to Moritz's high customer loyalty.



By land and by sea

Carling Technologies now offers renowned Moritz products for the marine and transportation industries.



Moritz Marine

All Moritz systems are engineered and manufactured to provide the utmost in quality and dependability, with an emphasis on eliminating system vulnerability to single point failure. Components and complete systems are thoroughly designed and tested to meet rigid and demanding EMI, RFI, electrical discharge, and environmental requirements.

MorPlex

Now with flexible remote switching and circuit protection, MorPlex™ simplifies and enhances operation while expanding marine design possibilities.

- Attractive, simplified operator controls
- Enhanced vessel safety features
- Programmable automated switching functions, including timer, lockout, keyless start
- Compact wiring which saves space, and reduces time and cost of installation
- Streamlined service and diagnostics



Advanced system solutions

Truly a revolutionary switching technology, MorPlex uses the latest digital multiplexing technology to create a safer and far more configurable control system.

MORPLEX™



Our 13-button Operator Control Module (OCM) offers both standard and custom legends.



Options: On

The V-Series Contura actuators allow the standard look of the V-Series switches in an advanced V-Series Operator Control Module.

OctoPlex—the complete vessel management system!

OctoPlex™ delivers an unprecedented level of vessel control, permitting total remote management of all AC/DC circuits, monitoring of alarm functions and engine and generator data, and display of plug-in NMEA 2000 electronics, such as GPS, depth-sounder, weather instrumentation, compass data, and more.

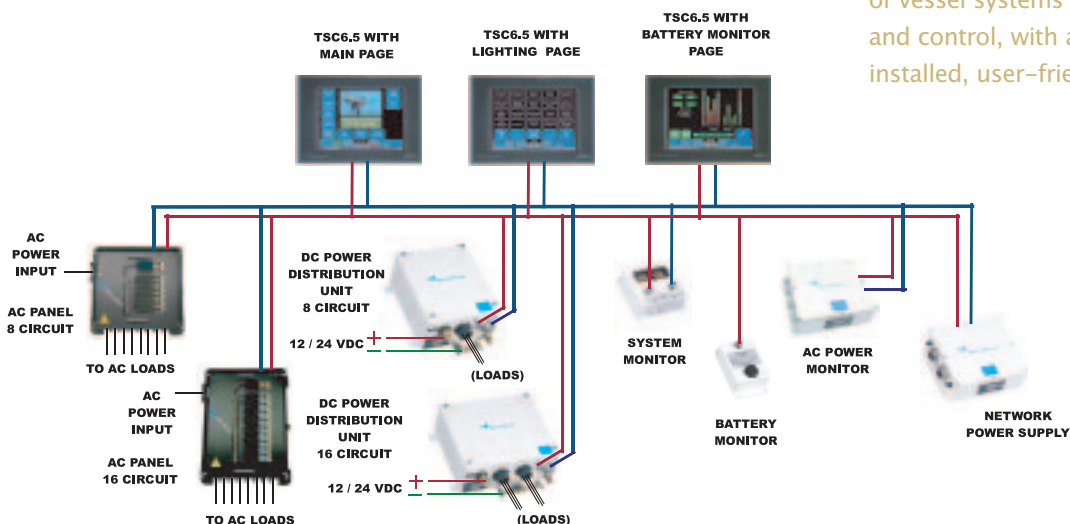
Color touch-screen monitors provide instant notification and remote reset capability for tripped breakers, and allow automatically enabled brownout protection and load shedding/reconnection for selected loads at chosen current thresholds, while permitting lighting control with grouping and dimming.

With complete electrical systems control, OctoPlex offers the highest level of dependability and security with its aerospace-standard design, quality and performance, all on a cost-effective platform. Built to fail-safe standards,

with dual processor cross-monitoring technology, each system component is stand-alone. Security is further enhanced because breaker panels can continue to operate even if both panel processors are compromised.

Beyond such incredible monitoring and control, OctoPlex enables substantial savings in vessel construction. The remotely-controlled AC and DC breaker panels may be located to minimize wire runs, thereby affording significant savings in expensive copper wiring, vessel weight reduction, and vessel assembly labor. Breaker panels may be fed by individual power feeds and/or wired in a series along a main power bus, with each breaker panel efficiently protecting those loads closest to it.

OctoPlex features a fail-safe operating system with unmatched functionality, upgradeable, user-friendly software, and NMEA 2000 component plug-in capability.



OctoPlex

Providing an incredible degree of vessel systems monitoring and control, with an efficiently installed, user-friendly system.

CUSTOMIZATION

Think out of the box?

Who says it has to be a box, anyway?

Electricity may power our products, but creativity drives our company. And we can put that creative energy to work for you with our ability to quickly design and manufacture custom-engineered solutions to even the most challenging and unique applications. We don't just have the expertise to do so, we can do it faster, thanks to our diverse range of existing products, our in-house manufacturing and tooling capabilities and our worldwide, round-the-clock facilities. Go ahead...just try to stump us.

You imagine it. We'll create it.

What kind of custom capabilities can you expect from our engineers? Let's put it this way—nobody's stumped us yet.

The first step in the customization process is meeting with our Development Team. They'll sit down with you and figure out exactly what you need. Then, moving forward, they'll work closely with you every step of the way.

The next step? Designing your product with the industry's most advanced CAD/CAM software. From there we'll meticulously test each prototype until we can certify functionality meets the highest standards of quality. Throughout the process, we'll keep you in the loop with updates on our progress.

Finally, we make it—using state-of-the-art tooling and manufacturing equipment that turns your idea into an exceptionally high-quality, finished product just right for your business application.



PLAN with our Development Team.



DESIGN with advanced CAD/CAM systems.



BUILD with high-tech manufacturing equipment.



PRODUCE with our high quality standards.



PRODUCTION

We manufacture our products to meet the industry's most demanding standards. Ours.

Carling Technologies' world class facilities in North America and the Far East offer the industry's leading expertise, and the industry's most advanced manufacturing capabilities—and the highly trained staff to take full advantage of them. Our extensive manufacturing process, ranging from plastic injection molding through automated electronic assembly, utilizes the latest technology available. Even better, since we develop and manufacture 75% of the product components ourselves, we can ensure optimum performance every step of the way.

Production capabilities as diverse as our product line.

Each of our six ISO-certified locations produces the highest quality products, thanks to highly trained staff and extensive manufacturing capabilities. Our production capabilities include:

- two-shot injection molding of thermoplastic material
- injection molding of thermoplastic and thermoset materials
- automated fabrication and assembly of component parts
- high-volume automated assembly
- high-quality cell assembly
- electronic assembly including SMT
- world class in-house tooling capabilities
- precision stamping of quality critical components
- calibration and testing

We know that quality is paramount, no matter what the size of the product. That's why we work tirelessly to ensure optimum quality assurance throughout our production process. Built into every process are rigorous quality control procedures, including frequent in-process assembly inspection and 100% end-of-process product testing and calibration.



**We make off buttons.
But we don't have one.**

With several locations around the world, we're always working hard somewhere. Our global network of employees in our ISO-registered manufacturing plants and sales offices, our manufacturers' representatives and our product distributors are all ready to provide you with answers, support and custom solutions whenever and wherever you need them. And today, that kind of responsiveness can make a world of difference.

GLOBALIZATION



Our global presence means we have the worldwide capacity to meet any delivery requirements. Because of our worldwide offices, expert Carling Technologies technical sales and support is always just around the corner. And since our people and our products are closer to you, you can carry less inventory and reduce freight and duty costs, maximizing your cash flow and reducing your total cost of ownership—just one more way our powerful products can provide a powerful advantage to your business.



Carling Technologies World Headquarters,
Plainville, CT, USA



Carling Technologies, Brownsville, TX, USA



Carling Technologies, Zhongshan, China



Carling Technologies European Headquarters,
Exeter, United Kingdom



Carling Technologies, Matehuala, Mexico



Moritz Aerospace, Hatfield, PA, USA



ONLINE

carlingtech.com
moritzaero.com

Our extensive Web site provides in-depth, detailed information about our products and capabilities. And with offices around the world, we're always ready to do business, answer questions and help our customers. Call, fax or e-mail anytime to start working with a company that's always **ON**.

World-Wide
Corporate Headquarters
Carling Technologies, Inc.
60 Johnson Avenue
Plainville, CT 06062
860/793-9281
FAX: 860/793-9231
E-mail: info@carlingtech.com
www.carlingtech.com

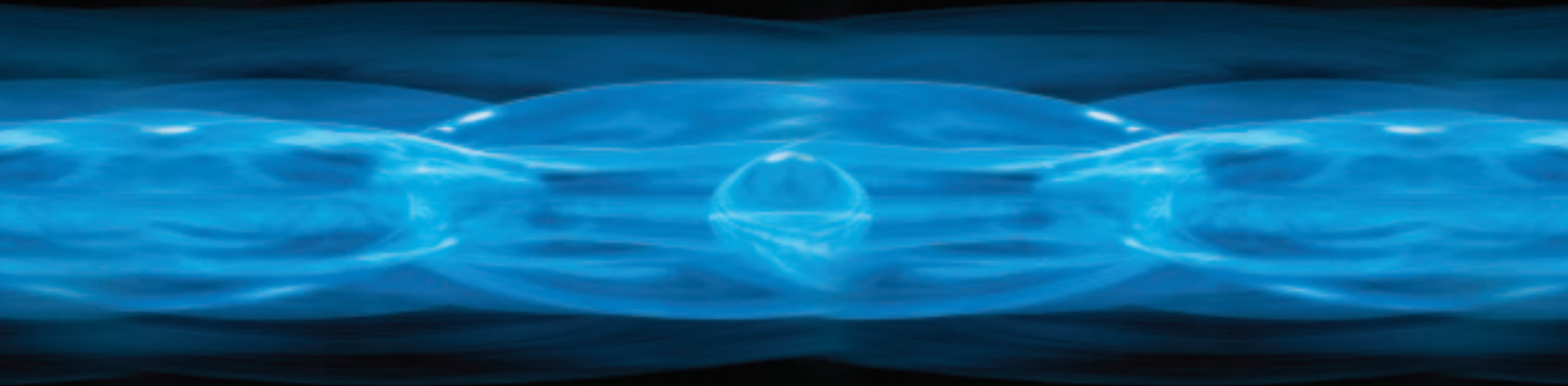


Carling Technologies
Europe/Middle East/Africa
Carling Technologies Ltd.
Devon, England
Int + 44 (0)1392-364422
FAX: Int + 44 (0)1392-364477
E-mail: lt-sales@carlingtech.com

Carling Technologies
Asia/Pacific
Carling Technologies Asia-Pacific Ltd.
Kowloon, Hong Kong
Int + 852-2737-2277
FAX: Int + 852-2736-9332
E-mail: sales@carlingtech.com.hk

Moritz Aerospace, Inc.
2317 Topaz Drive
Hatfield, PA 19440
215/996-9211
FAX: 215/996-0945
E-mail: sales@moritzaero.com
www.moritzaero.com

Additional Carling Technologies Offices
East Region Sales Office, CT
ersm@carlingtech.com
Midwest Region Sales Office, IL
mrsm@carlingtech.com
West Region Sales Office, CA
wrsm@carlingtech.com
GmbH, Germany
gmbh@carlingtech.com
SARL, France,
sarl@carlingtech.com
Asia-Pacific Ltd., Shanghai, China
capsh@online.sh.cn
Asia-Pacific Ltd., Japan
japan@carlingtech.com
Pune, India
india@carlingtech.com



Carling Technologies, Inc. 60 Johnson Avenue Plainville, CT 06062 www.carlingtech.com

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